

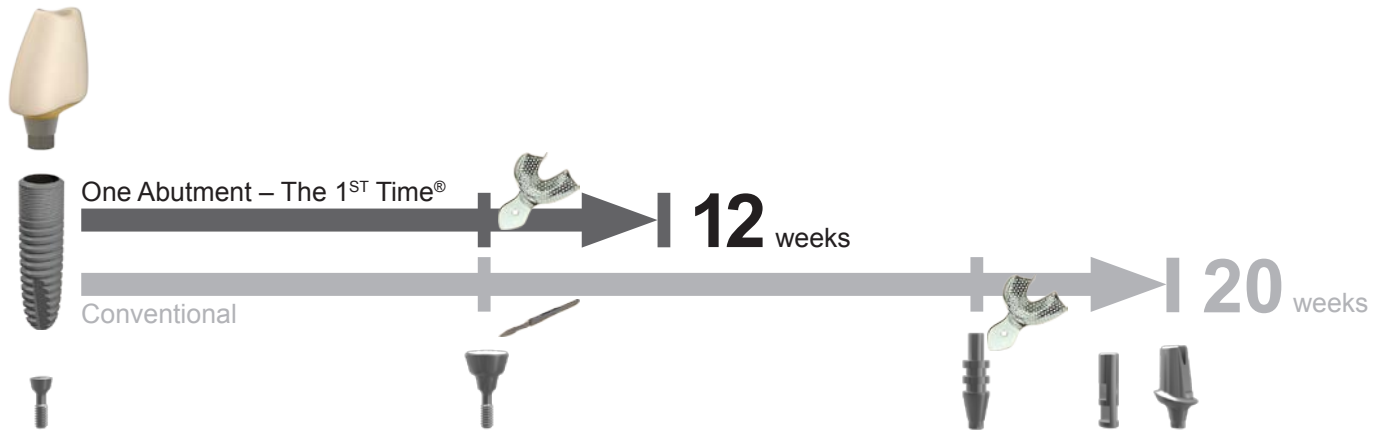


abutments4life  
esthetics simplified + predictable

# Time to Teeth

## Implantology has never been easier.

The innovative hybrid abutment significantly shortens the treatment time from the surgical insertion of the implant to placement of the final dental crown.



### Easy

- Fast, highly efficient workflow
- Individual component concept allows restoration without planning
- Patient-friendly: reduced time requirement, less invasive, reduced number of parts necessary
- impression taking at abutment level reduces imprecision of impressions

### Stable esthetics

- Stable clinical and esthetic results
- Fusing of the soft tissue with the abutment
- Highly biocompatible concept and materials

## System overview<sup>1</sup>

This cross-system catalogue is universally applicable for the following systems<sup>2</sup>

- ASTRA TECH OsseoSpeed<sup>®</sup> EV
- ASTRA TECH OsseoSpeed<sup>®</sup> TX
- CAMLOG<sup>®</sup>, CONELOG<sup>®</sup>
- Megagen AnyRidge<sup>®</sup>
- Nobel Biocare<sup>®</sup> NobelActive NP
- Osstem<sup>®</sup> TS Mini
- Straumann NC/RC
- Zimmer Tapered Screw-Vent<sup>®</sup>
  - MIS<sup>®</sup> SEVEN<sup>®</sup> internal hex
  - Alpha-Bio Tec<sup>®</sup>
  - BioHorizons<sup>®</sup> internal hex

<sup>1</sup> Not all products are available everywhere.

<sup>2</sup> Products marked with <sup>®</sup> are registered trade marks of the corresponding manufacturer.

## A unique concept: simple, biocompatible and efficient



The combination of our unique hybrid abutments with the “One Abutment – the 1st Time” concept lead to long lasting stable esthetics. Just a few treatment steps and significantly shortened treatment time result in the soft tissue attached to the abutment surface.

The Abutments4life hybrid abutments consist of two components: a titanium adhesive base with a screw channel at an angle to the implant axis and a tooth shaped and through-colored adhesive body made of zirconia.

The shape and size of the abutments as well as their angulation are based on numerous clinical studies that document the dimensions of natural teeth. The internal geometry of the adhesive base provides significantly more space for sufficient ceramic wall thickness, which is essential for superior esthetics and improved mechanical stability compared to traditional adhesive bases.



### Implant prosthetics: as simple as working on a natural tooth

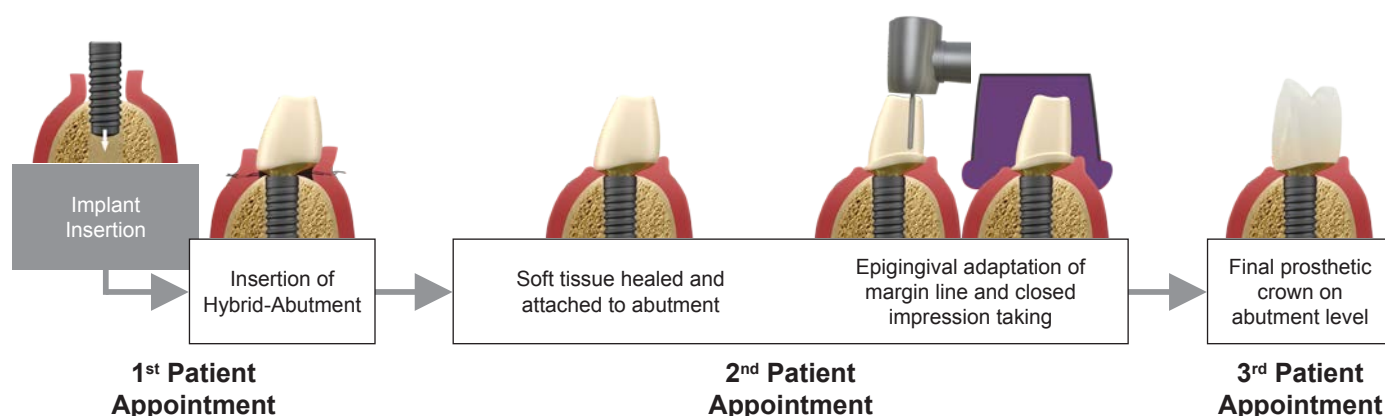
Our hybrid abutments are made of high performance ceramics that permit the intraoral adaptation of the margin line with high precision. It is as simple as grinding a natural tooth. Long-term stability of the zirconia body is not negatively affected by grinding.

### Biologically optimized for the adhesion of soft tissue

The adhesive base and the adhesive body are pre-bonded together with a biocompatible material. In addition the adhesive base has an antibacterial coating. The NCW surface (Nano-Coated-Wave) acts as a guide rail for fibroblasts, so that soft tissue growth is aligned with the abutment and the forming of pockets can efficiently be avoided. The A4I hybrid abutments help to reduce the risk of developing peri-implantitis.

### Implantation and final crown placement in only three patient appointments

The “One Abutment – the 1st Time” workflow reduces the number of treatment appointments until insertion of the final crown by nearly half. The A4I hybrid abutment will stay in the implant from the beginning. Normally the final crown can be inserted in the third appointment – without using CAD/CAM. Chair-time is drastically reduced and more patients can be treated in the same amount of time. The reduced number of components leads to improved precision and reduced cost of materials. Implantology can thus be made accessible to a broader group of patients.



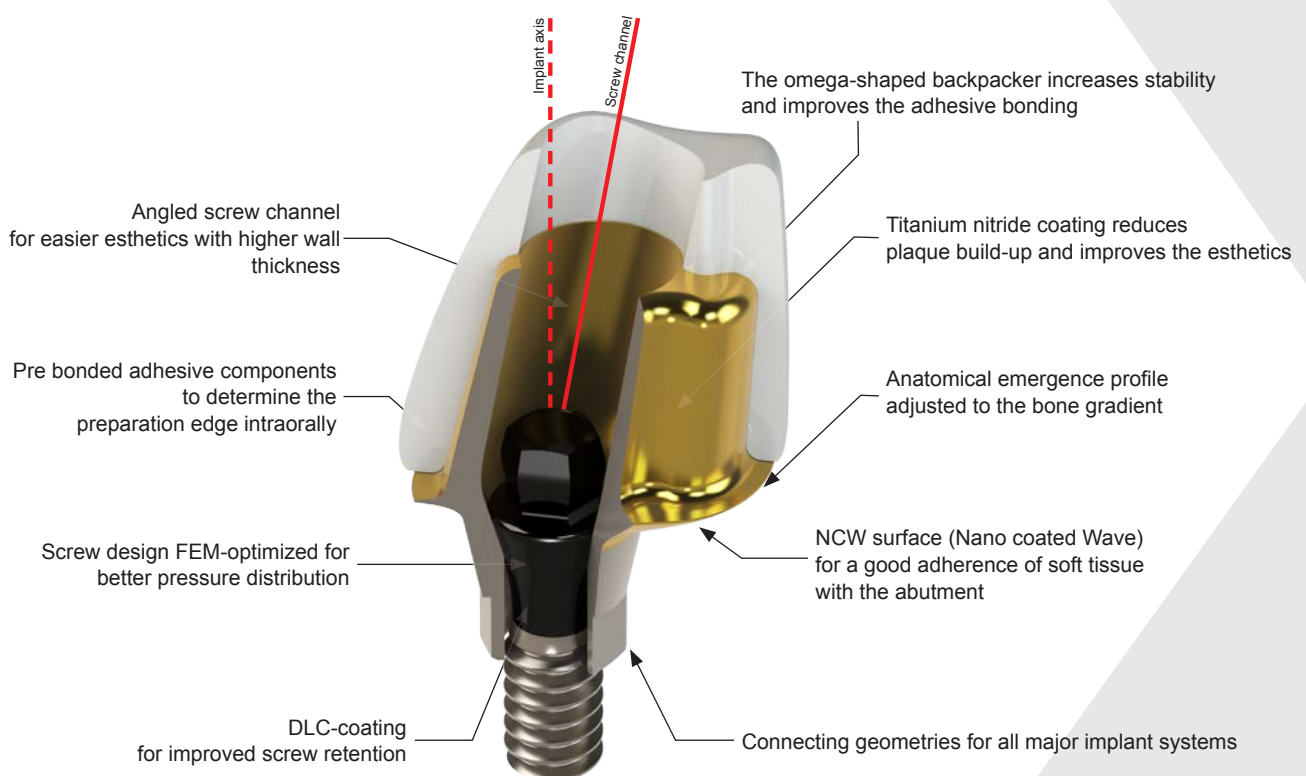
# The A4I hybrid: anatomic, biocompatible and extremely stable

Round becomes square – our anatomically shaped hybrid abutments are unique in adjusting to the geometrical discrepancy between the rotationally symmetrical implant and the natural tooth shape. The abutment's contour is adapted to the bone structure, they provide superb soft tissue support - which often makes soft tissue transplantation or bone augmentation unnecessary - , and they display an harmonic emergence profile. The emergence profile starts at the implant shoulder.

The angled screw channels make it much easier to observe the minimal wall thickness of the adhesive bodies made of zirconium dioxide. Better esthetics, higher mechanical stability, less areas for food impact, and better phonetics are just a few of the resulting advantages.

The antibacterial coating in combination with the NCW surface as well as the biocompatibility of all used materials allow for the attachment of the soft tissue to the abutment surface.

Innumerable FEM calculations on the abutment and our revolutionary abutment screw have led to a minimization of pressure and tensile stress peaks, resulting in extreme toughness. The “backpacker” in the shape of a channel-shoulder-attachment transports non-axial forces and reduces leverage on the implant, thus reducing the risk of bone resorption.



**abutments4life**  
esthetics simplified + predictable

# The A4I portfolio: fully anatomical on all tooth positions

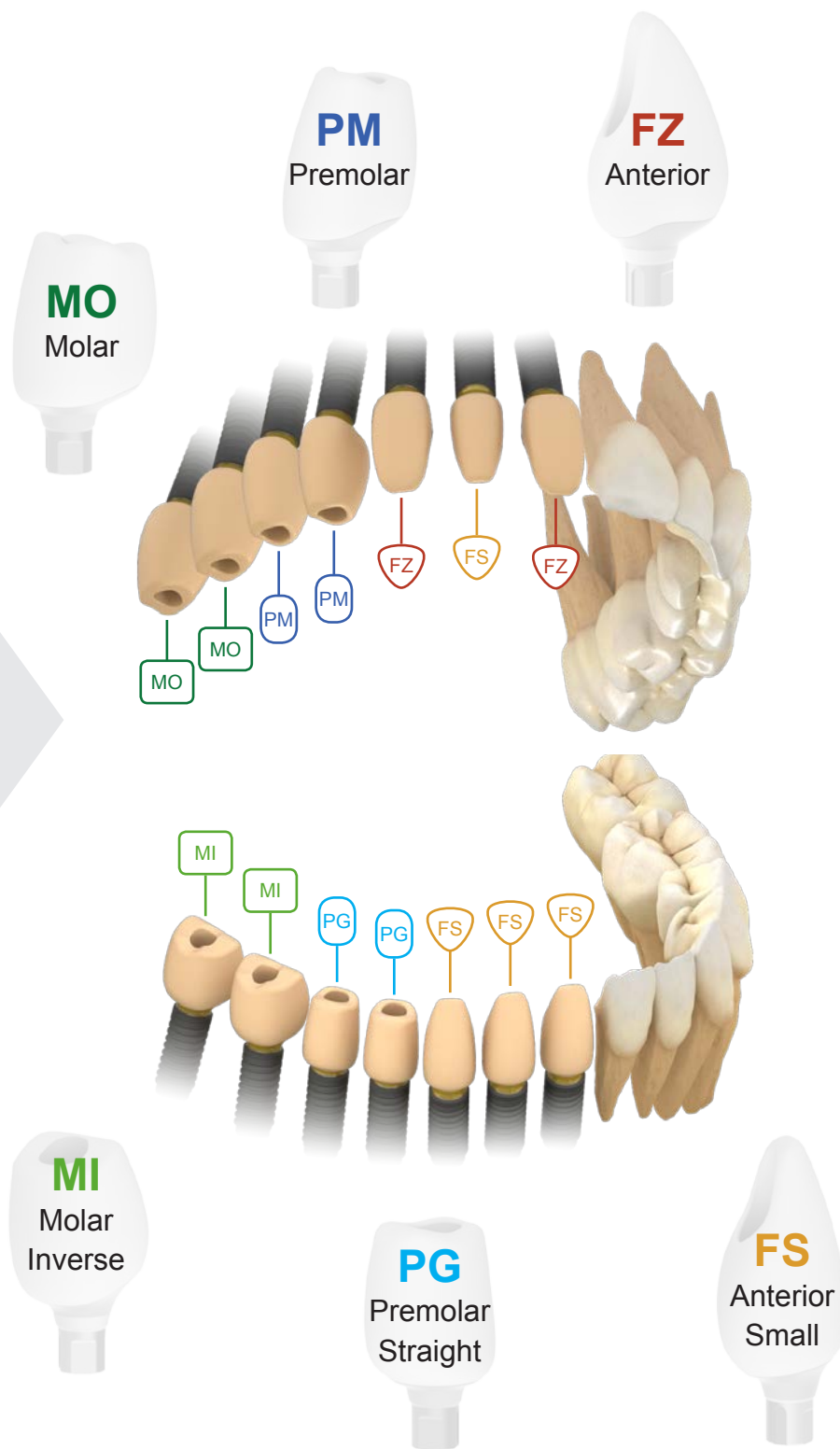
“Thinking outside of the box” - the natural denture has three different tooth shapes in each jaw: an almost triangular front tooth, an oval premolar and a square molar. But there are different angulations between the buccal surfaces and the roots in the upper jaw and the lower jaw in the different regions.

The Abutments4life portfolio takes into account these anatomical characteristics in a unique way. For this reason the portfolio consists of 6 hybrid abutment designs, corresponding to angulation and basic shapes of natural teeth, and which can be adapted intraorally to define the margin line.

# 6

## Hybrid-Abutments

standardized.  
fully anatomical.  
customizable.  
for all tooth positions.



## Simple customization with intraoral adaptation

Abutments4life's hybrid abutments allow the user to adapt the margin line intraorally. In the same way as on a natural tooth, exactly at soft tissue level.

This way subgingival crown margins can be avoided and the risk of subgingival cement residues is almost eliminated. Screw retained crowns, which are technically more difficult and esthetically less attractive, become unnecessary.

Against the wide-spread opinion that zirconia should not be grinded, current studies show that long fatigue life actually improves with grinding, provided that the right tools are used.



Did you know that recent studies show that the outstanding long fatigue life of zirconia is further improved by grinding with adequate instruments?

*Fatigue limit of polycrystalline zirconium oxide ceramics: Effect of grinding and low-temperature aging Pereira, Silvestri, Amaral, Rippe, Kleverlaan, Valandro Journal of the mechanical behavior of biomedical materials 61 (2016) 45–54*



*Implant prosthetics as simple as  
the preparation of a natural tooth*



### The Abutments4life preparation set

In cooperation with universities and manufacturers Abutments4life has developed a set of diamond burs which is optimized for an efficient adaptation of the margin line.



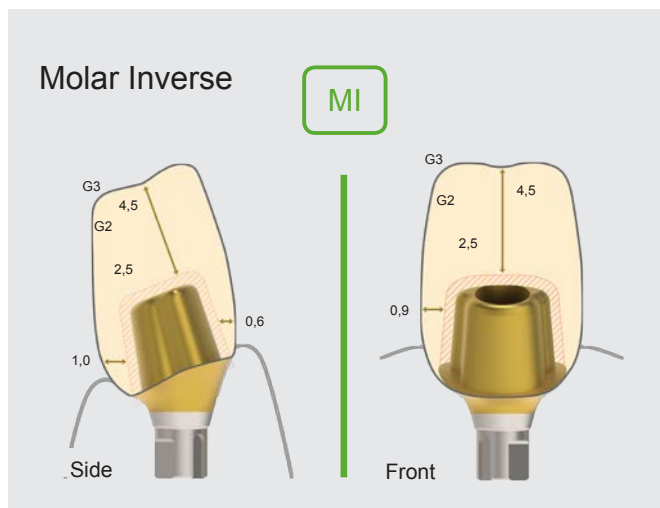
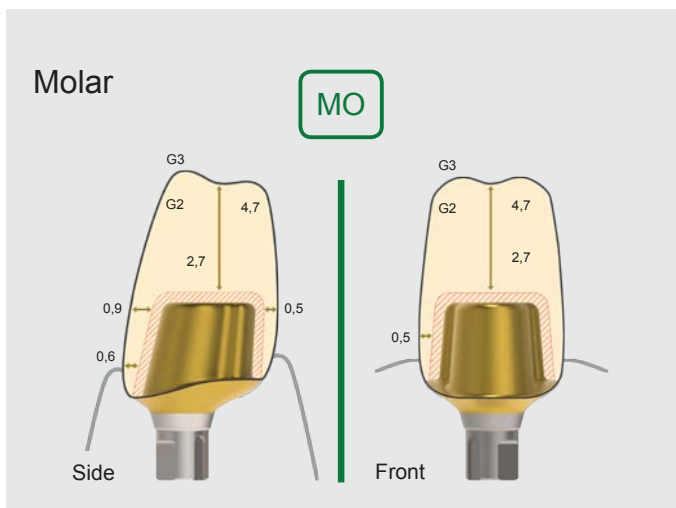
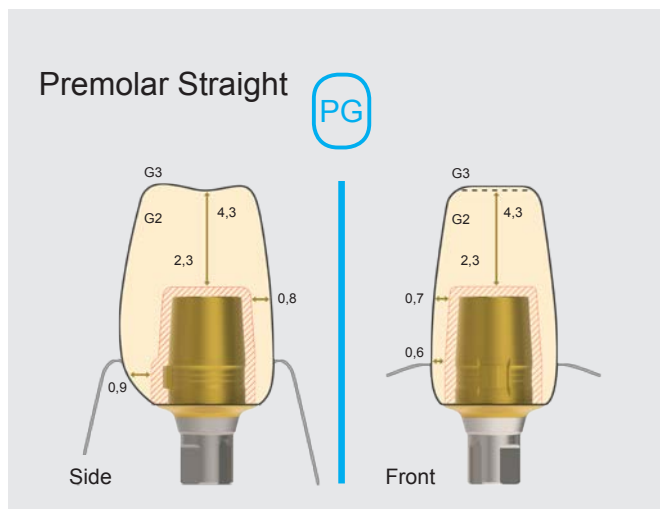
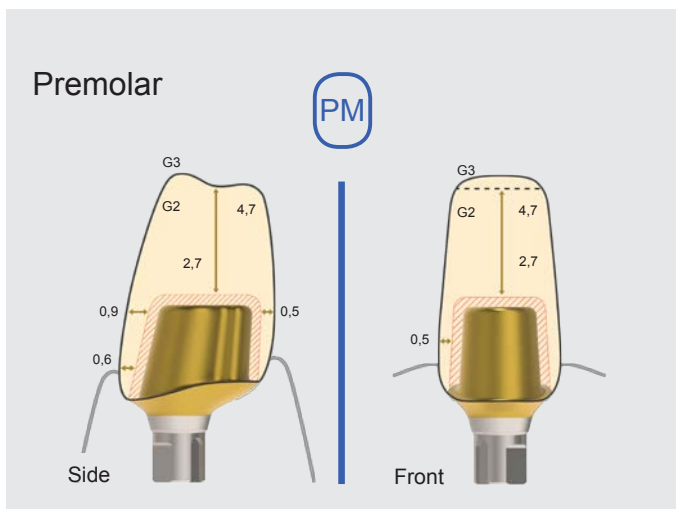
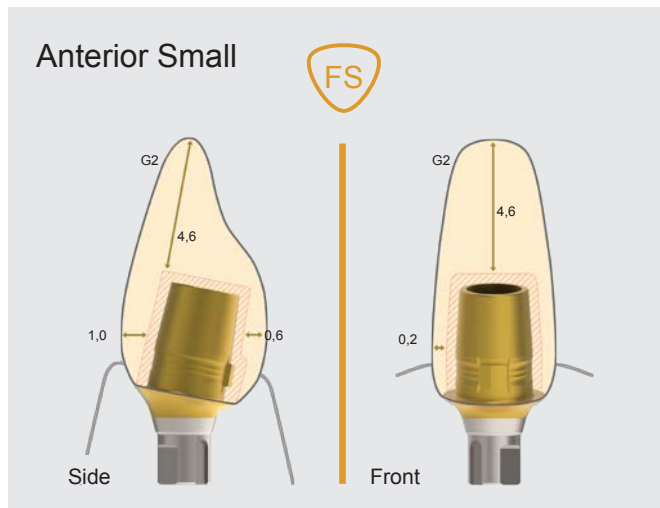
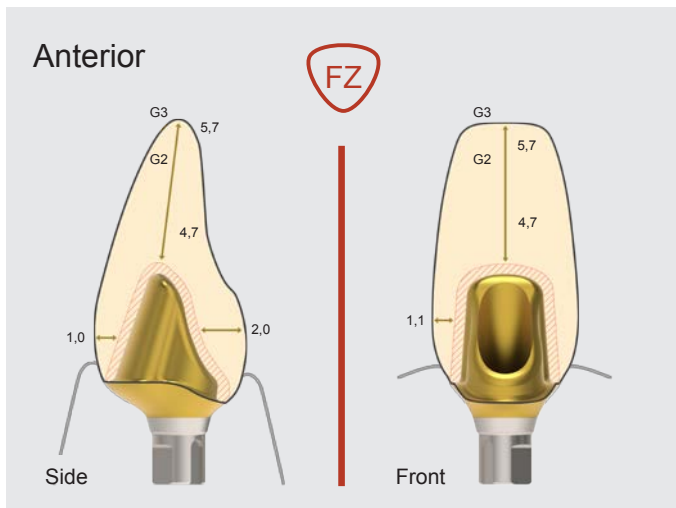
The burs consist of extra hard diamonds in a special bedding and represent a good compromise between abrasion performance and stability.

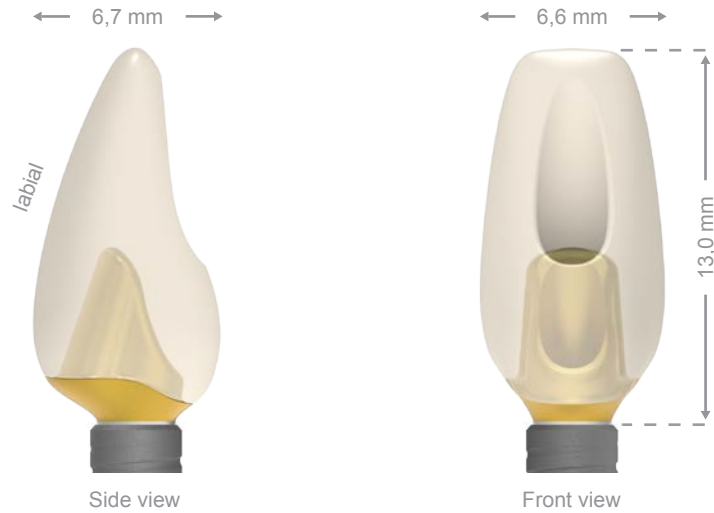
The burs are available in a set, individually as well as in packages of 5.







# Observing minimum wall thickness

Due to the angulation of the adhesive base and the screw channel Abutments4life's hybrid abutments offer sufficient possibilities for intraoral customization. The hatched areas (red) show the recommended minimum wall thickness.



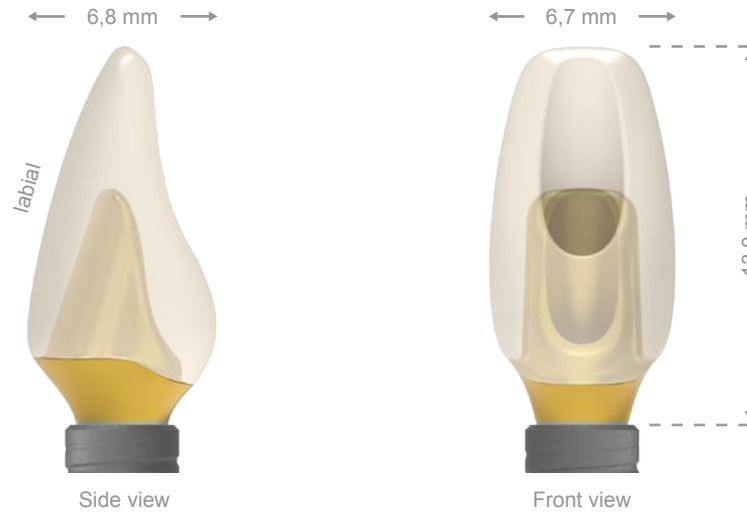



| Article   | Image   | Details  | Art. no. <sup>1</sup>               |
|---|---|--|-------------------------------------|
| <b>Hybrid-Abutment</b><br>LTS-BASE® Anterior with pre-bonded adhesive body made of yttrium-reinforced ZrO <sub>2</sub><br><br>incl. screw<br>Tightening torque 25 Ncm<br><br>Please observe Indexing of corresponding system<br> |    | Color A2,<br>High (G3)   | Non-sterile <b>XX-YY.HZ-FZ.G3A2</b> |
|   |  | Color A4,<br>High (G3)   | Non-sterile <b>XX-YY.HZ-FZ.G3A4</b> |
| <b>Gingiva Former PEEK</b><br><br>incl. screw<br>Tightening torque 10 Ncm   |  | Adjustable,<br>autoclavable,<br>Suitable for<br>occlusal milling | Non-sterile <b>XX-YY.GP-FZ</b>      |

<sup>1</sup>XX-YY stands for implant system and diameter/platform

Actual abutment geometries might differ in transition area to implant  
 Implant not included in the delivery, implant displayed Ø 3,3 mm approx





| Article   | Image | Details   | Art. no. <sup>1</sup>               |
|---|-------|---|-------------------------------------|
| <b>Hybrid-Abutment</b><br>LTS-BASE® Anterior with pre-bonded adhesive body made of yttrium-reinforced ZrO <sub>2</sub><br><br>incl. screw<br>Tightening torque 25 Ncm<br><br>Please observe Indexing of corresponding system<br> |       | Color A2, High (G3)                                     | Non-sterile <b>XX-YY.HZ-FZ.G3A2</b> |
|   |       | Color A4, High (G3)                                     | Non-sterile <b>XX-YY.HZ-FZ.G3A4</b> |
| <b>Gingiva Former PEEK</b><br><br>incl. screw<br>Tightening torque 10 Ncm   |       | Adjustable, autoclavable, Suitable for occlusal milling | Non-sterile <b>XX-YY.GP-FZ</b>      |

<sup>1</sup>XX-YY stands for implant system and diameter/platform

Actual abutment geometries might differ in transition area to implant  
 Implant not included in the delivery, implant displayed Ø 4,1 mm approx

← 6,4 mm →







Side view

← 5,4 mm →



Front view

12,2 mm

| Article   | Image   | Details   | Art. no. <sup>1</sup>               |
|---|---|---|-------------------------------------|
| <b>Hybrid-Abutment</b><br>LTS-BASE® Anterior Small with pre-bonded adhesive body made of yttrium-reinforced ZrO <sub>2</sub><br><br>incl. screw<br>Tightening torque 25 Ncm<br><br>Please observe Indexing of corresponding system<br><br> |    | Color A2, Low (G2)                                      | Non-sterile <b>XX-YY.HZ-FS.G2A2</b> |
|   |  | Color A4, Low (G2)                                      | Non-sterile <b>XX-YY.HZ-FS.G2A4</b> |
| <b>Gingiva Former PEEK</b><br><br>incl. screw<br>Tightening torque 10 Ncm   |  | Adjustable, autoclavable, Suitable for occlusal milling | Non-sterile <b>XX-YY.GP-FS</b>      |

<sup>1</sup>XX-YY stands for implant system and diameter/platform

Actual abutment geometries might differ in transition area to implant  
 Implant not included in the delivery, implant display Ø 3,3 mm approx

← 6,4 mm →







Side view

← 5,4 mm →



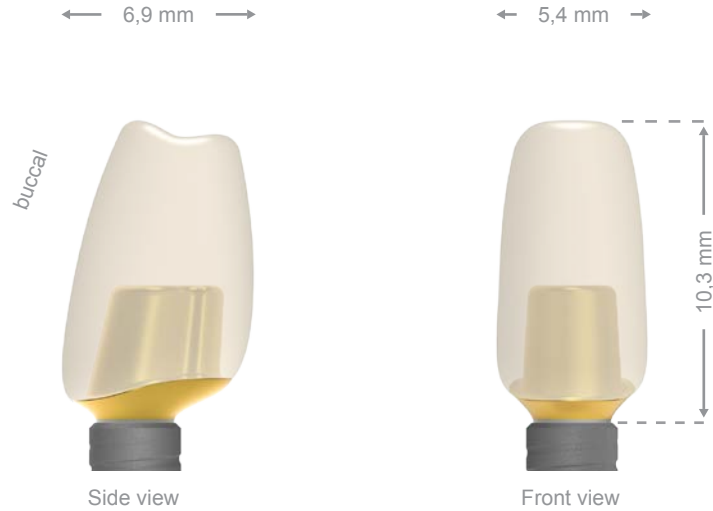
Front view

12,2 mm

| Article   | Image   | Details   | Art. no. <sup>1</sup>               |
|---|---|---|-------------------------------------|
| <b>Hybrid-Abutment</b><br>LTS-BASE® Anterior Small with pre-bonded adhesive body made of yttrium-reinforced ZrO <sub>2</sub><br><br>incl. screw<br>Tightening torque 25 Ncm<br><br>Please observe Indexing of corresponding system<br> |    | Color A2, Low (G2)                                      | Non-sterile <b>XX-YY.HZ-FS.G2A2</b> |
|   |  | Color A4, Low (G2)                                      | Non-sterile <b>XX-YY.HZ-FS.G2A4</b> |
| <b>Gingiva Former PEEK</b><br><br>incl. screw<br>Tightening torque 10 Ncm   |  | Adjustable, autoclavable, Suitable for occlusal milling | Non-sterile <b>XX-YY.GP-FS</b>      |

<sup>1</sup>XX-YY stands for implant system and diameter/platform

Actual abutment geometries might differ in transition area to implant  
 Implant not included in the delivery, implant display Ø 4,1 mm approx



| Article | Image | Details | Art. no. <sup>1</sup> |
|---------|-------|---------|-----------------------|
|---------|-------|---------|-----------------------|

### Hybrid-Abutment

LTS-BASE® Premolar with pre-bonded adhesive body made of yttrium-reinforced ZrO<sub>2</sub>

incl. screw  
Tightening torque 25 Ncm

Please observe Indexing of corresponding system



|  |                        |             |                         |
|--|------------------------|-------------|-------------------------|
|  | Color A2,<br>High (G3) | Non-sterile | <b>XX-YY.HZ-PM.G3A2</b> |
|  | Color A4,<br>High (G3) | Non-sterile | <b>XX-YY.HZ-PM.G3A4</b> |

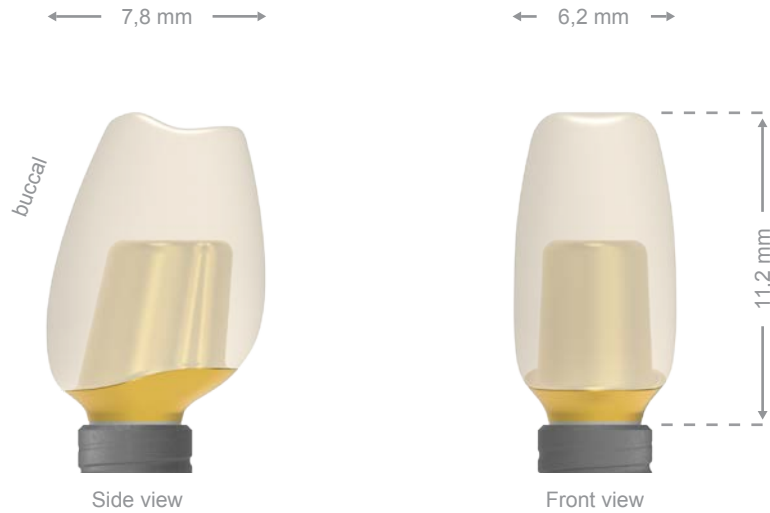
### Gingiva Former PEEK


incl. screw  
Tightening torque 10 Ncm

|  |  |             |                    |
|--|--|-------------|--------------------|
|  | Adjustable,<br>autoclavable,<br>Suitable for<br>occlusal milling | Non-sterile | <b>XX-YY.GP-PM</b> |
|--|--|-------------|--------------------|

<sup>1</sup>XX-YY stands for implant system and diameter/platform

Actual abutment geometries might differ in transition area to implant  
Implant not included in the delivery, implant displayed Ø 3,3 mm approx



| Article   | Image | Details   | Art. no. <sup>1</sup>               |
|---|-------|---|-------------------------------------|
| <b>Hybrid-Abutment</b><br>LTS-BASE® Premolar with pre-bonded adhesive body made of yttrium-reinforced ZrO <sub>2</sub><br><br>incl. screw<br>Tightening torque 25 Ncm<br><br>Please observe Indexing of corresponding system<br> |       | Color A2, High (G3)                                     | Non-sterile <b>XX-YY.HZ-PM.G3A2</b> |
|   |       | Color A4, High (G3)                                     | Non-sterile <b>XX-YY.HZ-PM.G3A4</b> |
| <b>Gingiva Former PEEK</b><br>incl. screw<br>Tightening torque 10 Ncm   |       | Adjustable, autoclavable, Suitable for occlusal milling | Non-sterile <b>XX-YY.GP-PM</b>      |

<sup>1</sup>XX-YY stands for implant system and diameter/platform

Actual abutment geometries might differ in transition area to implant  
 Implant not included in the delivery, implant displayed Ø 4,1 mm approx



| Article | Image | Details | Art. no. <sup>1</sup> |
|---------|-------|---------|-----------------------|
|---------|-------|---------|-----------------------|

### Hybrid-Abutment

Symmetrical adhesive base with asymmetrical adhesive body

LTS-BASE® Premolar straight with pre-bonded adhesive body made of yttrium-reinforced ZrO<sub>2</sub>

incl. screw  
Tightening torque 25 Ncm

Please observe Indexing of corresponding system



|  |                        |             |                         |
|--|------------------------|-------------|-------------------------|
|  | Color A2,<br>High (G3) | Non-sterile | <b>XX-YY.HZ-PG.G3A2</b> |
|  | Color A4,<br>High (G3) | Non-sterile | <b>XX-YY.HZ-PG.G3A4</b> |

### Gingiva Former PEEK

incl. screw  
Tightening torque 10 Ncm

|  |  |             |                    |
|--|--|-------------|--------------------|
|  | Adjustable,<br>autoclavable,<br>Suitable for<br>occlusal milling | Non-sterile | <b>XX-YY.GP-PG</b> |
|--|--|-------------|--------------------|

<sup>1</sup>XX-YY stands for implant system and diameter/platform

Actual abutment geometries might differ in transition area to implant  
Implant not included in the delivery, implant display Ø 3,3 mm approx

← 6,5 mm →





← 5,5 mm →



Side view

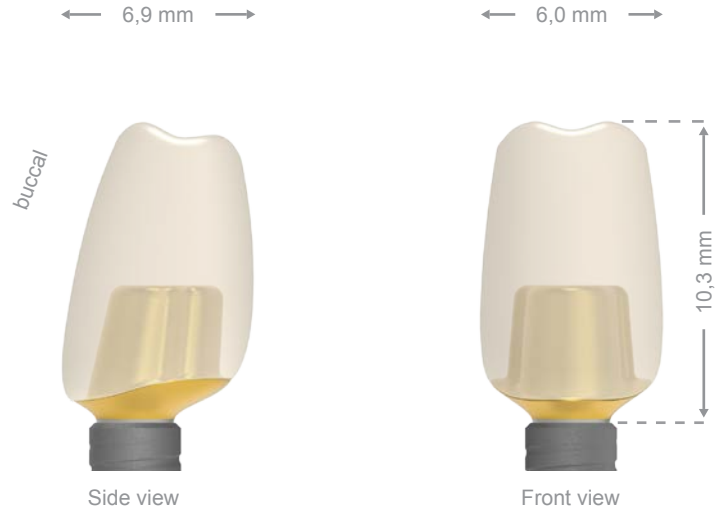






Front view

| Article   | Image   | Details   | Art. no. <sup>1</sup>               |
|---|---|---|-------------------------------------|
| <b>Hybrid-Abutment</b><br>Symmetrical adhesive base with asymmetrical adhesive body<br><br>LTS-BASE® Premolar straight with pre-bonded adhesive body made of yttrium-reinforced ZrO <sub>2</sub><br><br>incl. screw<br>Tightening torque 25 Ncm<br><br>Please observe Indexing of corresponding system<br><br> |    | Color A2, High (G3)                                     | Non-sterile <b>XX-YY.HZ-PG.G3A2</b> |
|   |  | Color A4, High (G3)                                     | Non-sterile <b>XX-YY.HZ-PG.G3A4</b> |
| <b>Gingiva Former PEEK</b><br><br>incl. screw<br>Tightening torque 10 Ncm   |  | Adjustable, autoclavable, Suitable for occlusal milling | Non-sterile <b>XX-YY.GP-PG</b>      |

<sup>1</sup>XX-YY stands for implant system and diameter/platform

Actual abutment geometries might differ in transition area to implant  
 Implant not included in the delivery, implant display Ø 4,1 mm approx

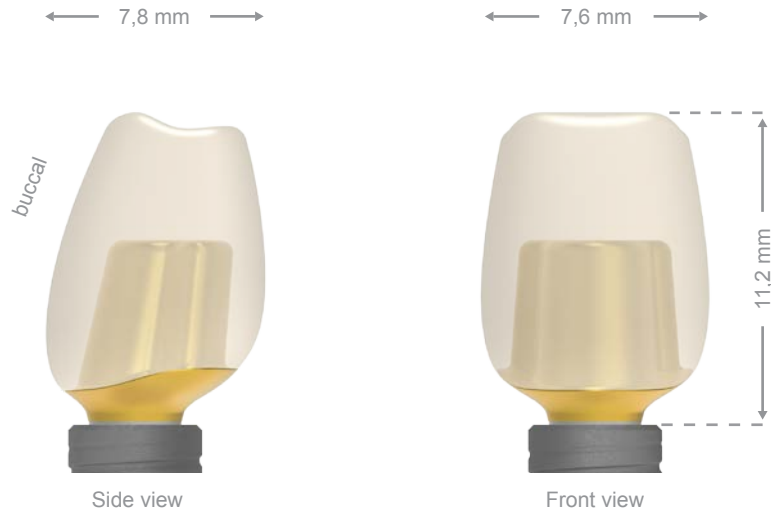


| Article  | Image   | Details   | Art. no. <sup>1</sup>               |
|--|---|---|-------------------------------------|
| <p><b>Hybrid-Abutment</b></p> <p>LTS-BASE® Molar with pre-bonded adhesive body made of yttrium-reinforced ZrO<sub>2</sub></p> <p>incl. screw<br/>Tightening torque 25 Ncm</p> <p>Please observe Indexing of corresponding system</p>  |    | Color A2, High (G3)                                     | Non-sterile <b>XX-YY.HZ-MO.G3A2</b> |
|  |  | Color A4, High (G3)                                     | Non-sterile <b>XX-YY.HZ-MO.G3A4</b> |
| <p><b>Gingiva Former PEEK</b></p> <p>incl. screw<br/>Tightening torque 10 Ncm</p>  |  | Adjustable, autoclavable, Suitable for occlusal milling | Non-sterile <b>XX-YY.GP-MO</b>      |

<sup>1</sup>XX-YY stands for implant system and diameter/platform

Actual abutment geometries might differ in transition area to implant  
Implant not included in the delivery, implant displayed Ø 3,3 mm approx





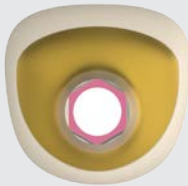
| Article | Image | Details | Art. no. <sup>1</sup> |
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|---------|-------|---------|-----------------------|

**Hybrid-Abutment**

LTS-BASE® Molar with pre-bonded adhesive body made of yttrium-reinforced ZrO<sub>2</sub>

incl. screw  
Tightening torque 25 Ncm

Please observe Indexing of corresponding system



|   |                        |             |                         |
|---|------------------------|-------------|-------------------------|
|    | Color A2,<br>High (G3) | Non-sterile | <b>XX-YY.HZ-MO.G3A2</b> |
|  | Color A4,<br>High (G3) | Non-sterile | <b>XX-YY.HZ-MO.G3A4</b> |

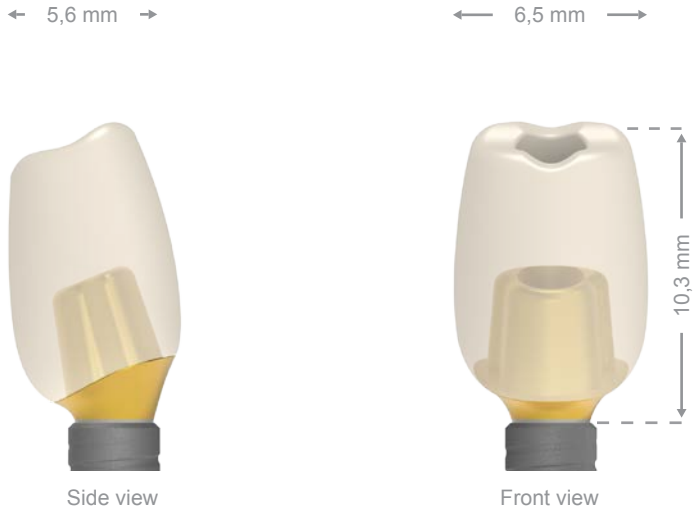
**Gingiva Former PEEK**

incl. screw  
Tightening torque 10 Ncm

|   |  |             |                    |
|---|--|-------------|--------------------|
|  | Adjustable,<br>autoclavable,<br>Suitable for<br>occlusal milling | Non-sterile | <b>XX-YY.GP-MO</b> |
|---|--|-------------|--------------------|

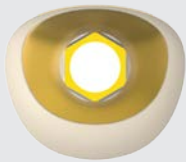
<sup>1</sup>XX-YY stands for implant system and diameter/platform



Actual abutment geometries might differ in transition area to implant  
Implant not included in the delivery, implant displayed Ø 4,1 mm approx



| Article | Image | Details | Art. no. <sup>1</sup> |
|---------|-------|---------|-----------------------|
|---------|-------|---------|-----------------------|

**Hybrid-Abutment**  
 LTS-BASE® Molar Inverse with pre-bonded adhesive body made of yttrium-reinforced ZrO<sub>2</sub>  
 incl. screw  
 Tightening torque 25 Ncm  
 Please observe Indexing of corresponding system



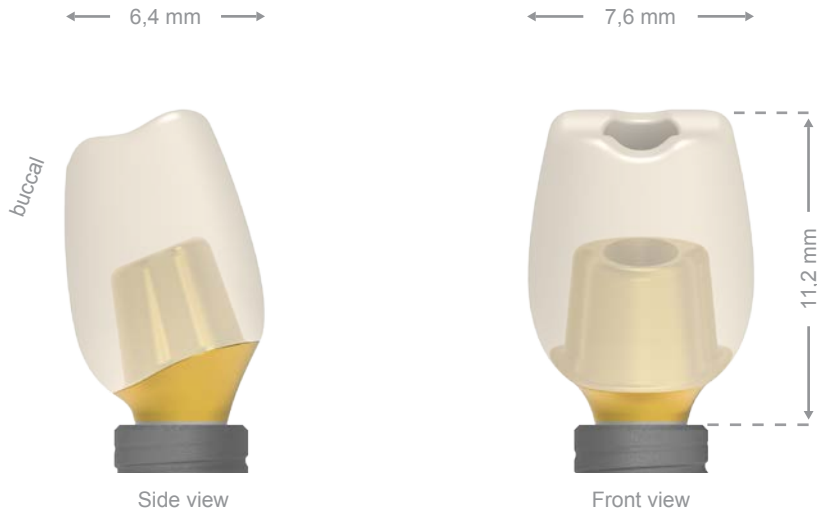
|   |                     |             |                         |
|---|---------------------|-------------|-------------------------|
|    | Color A2, High (G3) | Non-sterile | <b>XX-YY.HZ-MI.G3A2</b> |
|  | Color A4, High (G3) | Non-sterile | <b>XX-YY.HZ-MI.G3A4</b> |





**Gingiva Former PEEK**  
 incl. screw  
 Tightening torque 10 Ncm

|   |   |             |                    |
|---|---|-------------|--------------------|
|  | Adjustable, autoclavable, Suitable for occlusal milling | Non-sterile | <b>XX-YY.GP-MI</b> |
|---|---|-------------|--------------------|

<sup>1</sup>XX-YY stands for implant system and diameter/platform

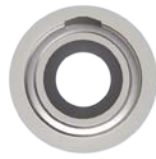
Actual abutment geometries might differ in transition area to implant  
 Implant not included in the delivery, implant displayed Ø 3,3 mm approx



| Article  | Image   | Details   | Art. no. <sup>1</sup>               |
|--|---|---|-------------------------------------|
| <b>Hybrid-Abutment</b><br>LTS-BASE® Molar Inverse with pre-bonded adhesive body made of yttrium-reinforced ZrO <sub>2</sub><br><br>incl. screw<br>Tightening torque 25 Ncm<br><br>Please observe Indexing of corresponding system<br> |    | Color A2, High (G3)                                     | Non-sterile <b>XX-YY.HZ-MI.G3A2</b> |
|  |  | Color A4, High (G3)                                     | Non-sterile <b>XX-YY.HZ-MI.G3A4</b> |
| <b>Gingiva Former PEEK</b><br><br>incl. screw<br>Tightening torque 10 Ncm  |  | Adjustable, autoclavable, Suitable for occlusal milling | Non-sterile <b>XX-YY.GP-MI</b>      |





<sup>1</sup>XX-YY stands for implant system and diameter/platform

Actual abutment geometries might differ in transition area to implant  
 Implant not included in the delivery, implant displayed Ø 4,1 mm approx



Maintain your accustomed digital CEREC-workflow and enjoy the additional benefits of an angled screw channel. The angulation of the C-BASE starts right at the implant shoulder, which makes adjustments to the anatomical situation much easier. In addition our unique screw design leads to improved mechanical properties. Our C-BASE has a parallel-sided screw channel and offers the same amount of bonding surface as traditional straight titanium bases.

With the C-BASE screw retained restorations become viable in all tooth positions. Libraries are available for a digital workflow.

| Article   | Image   | Details  | Art. no. <sup>1</sup>               |
|---|---|--|-------------------------------------|
| <b>C-BASE straight</b><br>CEREC-compatible<br>Titanium base<br><br>incl. screw<br>Tightening torque 25 Ncm  |  | Straight,<br>Titanium  | Non-sterile <b>XX-YY.KC-ST.XA</b>   |
|   |  | Adjustable,<br>autoclavable,<br>Suitable for<br>occlusal milling | Non-sterile <b>XX-YY.GP-PG</b>      |
| <b>C-BASE angulated</b><br>CEREC-compatible<br>Titanium base<br><br>incl. screw<br>Tightening torque 25 Ncm |  | Angulated,<br>Titanium   | Non-sterile <b>XX-YY.KC-AN.W0XA</b> |
|   |  | Adjustable,<br>autoclavable,<br>Suitable for<br>occlusal milling | <b>XX-YY.GP-FS</b>                  |





<sup>1</sup>XX-YY stands for implant system and diameter/platform

Actual abutment geometries might differ in transition area to implant  
 Implant not included in the delivery, implant display Ø 3,3 mm approx

\* Not available for all implant systems







Our C-BASE can be used with the original Scan Bodies of Sirona. They are available from specialist traders.

| Article   | Image   | Details  | Art. no. <sup>1</sup>               |
|---|---|--|-------------------------------------|
| <b>C-BASE straight</b><br>CEREC-compatible<br>Titanium base<br><br>incl. screw<br>Tightening torque 25 Ncm  |  | Straight,<br>Titanium  | Non-sterile <b>XX-YY.KC-ST.XA</b>   |
|   |  | Adjustable,<br>autoclavable,<br>Suitable for<br>occlusal milling | Non-sterile <b>XX-YY.GP-PG</b>      |
| <b>C-BASE angulated</b><br>CEREC-compatible<br>Titanium base<br><br>incl. screw<br>Tightening torque 25 Ncm |  | Angulated,<br>Titanium   | Non-sterile <b>XX-YY.KC-AN.W0XA</b> |
|   |  | Adjustable,<br>autoclavable,<br>Suitable for<br>occlusal milling | <b>XX-YY.GP-FS</b>                  |



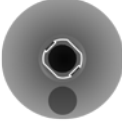

<sup>1</sup>XX-YY stands for implant system and diameter/platform

Actual abutment geometries might differ in transition area to implant  
 Implant not included in the delivery, implant display Ø 4,1 mm approx

| Article   | Image   | Details                                 | Art. no. <sup>1</sup>                        |
|---|---|---|--|
| <p><b>T-Base angulated</b></p> <p>Suited for screw-retained bridges with angulated screw-channel</p> <p>incl. screw<br/>Tightening torque 25 Ncm</p>  |    | <p>Without interface,<br/>Angulated</p> | <p>Non-sterile     <b>XX-YY.KT-AN.XA</b></p> |
| <p><b>Preform</b></p> <p>Preformed milling blanks with implant interface and angled screw channel.</p> <p><b>W</b> available in different Indexes.</p> <p>The related round blank holder can be aquired from the manufacturer of your milling machine. It is available from „Medentika“.</p> <p>Incl. screw</p> |    | <p>Titan Grade 5<br/>Angulated</p>      |  |
|   |    | <p>Angulated W0 0°</p>                  | <p><b>XX-YY.FT-AS.W0</b></p>                 |
| <p><b>Scanbody</b></p> <p>Suitable for laser &amp; optical scanners.<br/>Approved for intraoral Use.<br/>No powdering needed.</p> <p>Incl. screw</p>  |  | <p>Titanium coated</p>                  | <p><b>XX-YY.SB</b></p>                       |






<sup>1</sup>XX-YY stands for implant system and diameter/platform

Actual abutment geometries might differ in transition area to implant  
Implant not included in the delivery, implant display Ø 3,3 mm approx


| Article   | Image   | Details                                  | Art. no. <sup>1</sup>                       |
|---|---|--|---|
| <p><b>T-Base angulated</b></p> <p>Suited for screw-retained bridges with angulated screw-channel</p> <p>incl. screw<br/>Tightening torque 25 Ncm</p>  |    | <p>Without interface,<br/>Angulated,</p> | <p>Non-sterile    <b>XX-YY.KT-AN.XA</b></p> |
| <p><b>Preform</b></p> <p>Preformed milling blanks with implant interface and angled screw channel.</p> <p><b>W</b> available in different Indexes.</p> <p>The related round blank holder can be aquired from the manufacturer of your milling machine.</p> <p>Incl. screw</p> |    | <p>Titan Grade 5<br/>Angulated</p>       |   |
|   |    | <p>Angulated W0 0°</p>                   | <p><b>XX-YY.FT-AW.W0</b></p>                |
| <p><b>Scanbody</b></p> <p>Suitable for laser &amp; optical scanners.<br/>Approved for intraoral Use.<br/>No powdering needed.<br/>Incl. screw</p>   |  | <p>Titanium coated</p>                   | <p><b>XX-YY.SB</b></p>                      |









<sup>1</sup>XX-YY stands for implant system and diameter/platform

Actual abutment geometries might differ in transition area to implant  
Implant not included in the delivery, implant display Ø 4,1 mm approx

| Article  | Image   | Details              | Art. no. <sup>1</sup>       |
|--|---|----------------------|-----------------------------|
| <p><b>Contra-angle handpiece</b></p> <p>For standard ratchets</p>                        |    | <p>Titan Grade 5</p> | <p><b>Z-TO.SD-RA.14</b></p> |
| <p><b>Socket wrench ISO-Shaft</b></p>  |    | <p>Titan Grade 5</p> | <p><b>Z-TO.SD.WI.11</b></p> |
| <p><b>Torque Wrench incl. Driver Handle</b></p>  |    |                      | <p><b>07000269</b></p>      |
| <p><b>Torque Wrench Driver Handle</b></p>  |   |                      | <p><b>07000268</b></p>      |
| <p><b>A4life Storage Box</b></p> <p>Holds space for 30 abutments or gingiva formers.</p> |  |                      | <p><b>V.BOX</b></p>         |



| Article   | Image   | Details  | Art. no. <sup>1</sup> |
|---|---|--|-----------------------|
| <b>A4life Preparation-Set</b><br><br>For efficient intraoral preparation of Hybrid-abutments. |  | Contains:<br>K882-012M-FG<br>K8850-014M-FG<br>K850-016M-FG<br>K899-031M-FG | <b>V.PREP</b>         |

| Article   | Image   | Details                       | Art. no. <sup>1</sup> |
|---|---|-------------------------------|-----------------------|
| <b>Preparation Diamonds</b><br><br>For efficient intraoral preparation of Hybrid-abutments. |    | Different forms and diameters |                       |
| For depth marking   |    | Ø 1,0 mm                      | <b>K8881-314-010</b>  |
| Pre-preparation   |    | Ø 2,5 mm                      | <b>ZR371M</b>         |
| Pre-preparation   |  | Ø 2,5 mm                      | <b>ZR371F</b>         |
| Occlusal reduction and palatal surface  |  | Ø 3,1 mm                      | <b>K899-031M-FG</b>   |
| Hollow flute preparation  |  | Ø 1,4 mm                      | <b>K8850-014M-FG</b>  |
| Hollow flute preparation  |  | Ø 1,6 mm                      | <b>K850-016M-FG</b>   |
| Hollow flute preparation  |  | Ø 1,2 mm                      | <b>K882-012M-FG</b>   |

# Nomenclature and list of abbreviations

Abutments4Life uses „mnemonic article numbers“ to reduce the risk of confusing products. The article number is a combination of three letter and number groups that are separated by dots for improved legibility:

**SB-33 . KB-PM . W0**

„SB“ stands for the interface to which our abutments are compatible, e.g. for Straumann® brand implants; the subsequent numbers denote the smallest diameter that can be used. E.g. 33 for 3.3 mm. The product and the point of use then follow. „KB“ stands for the Backpacker adhesive base and „PM“ for premolar. The variants and the material used then follow:

Titanium nitride coated - „W0“ with the tip of the hex forwards, outwards. The groups are separated by dots for improved legibility.

| Group 1 – System   |  |
|--|--|
| System & Brand   | Diameter   |
| <b>AE</b> – ASTRA TECH Osseospeed® EV  | <b>42</b> – 4.2mm  |
| <b>AS</b> – ASTRA TECH Osseospeed® TX Osstem® TS Mini  | <b>35</b> – 3.5mm  |
| <b>CO</b> – CAMLOG®, CONELOG®  | <b>38</b> – 3.8mm  |
| <b>MA</b> – Megagen AnyRidge®  | <b>35</b> – 3.5mm  |
| <b>NA</b> – Nobel Biocare®Active   | <b>35</b> – 3.5mm  |
| <b>SB</b> – Straumann® Bone Level NC   | <b>33</b> – 3.3mm  |
| <b>SB</b> – Straumann® Bone Level RC   | <b>41</b> – 4.1mm  |
| <b>ZI</b> – Zimmer Tapered Screw Vent® MIS® SEVEN® internal hex Alpha-Bio Tec® BioHorizons® Tapered Internal Plus® | <b>35</b> – 3.5mm<br><b>35</b> – 3.5mm<br><b>35</b> – 3.5mm<br><b>38</b> – 3.8mm |
| <b>Z</b> – Accessories   | <b>TO</b> – tool   |

| Group 2 – Product                              |                                    |
|--|------------------------------------|
| Product, Material                              | Area of Application                |
| <b>HZ</b> – Hybrid abutment zirconia           | <b>FZ</b> – Anterior               |
| <b>KB</b> – Adhesive Base LTS-BASE®            | <b>FS</b> – Anterior Small         |
| <b>KC</b> – Adhesive Base / C-Base             | <b>PM</b> – Premolar               |
| <b>KT</b> – Adhesive Base / T-Base             | <b>PG</b> – Premolar Straight      |
| <b>GP</b> – Gingivaformer PEEK                 | <b>MO</b> – Molar maxilla          |
| <b>FT</b> – Titanium – Preformed Milling blank | <b>MI</b> – Molar inverse mandible |
| <b>SB</b> – Scanbody                           |                                    |
| <b>SD</b> – Screw driver                       |                                    |
| <b>RA</b> – Ratchet                            |                                    |
| <b>WI</b> – Contra angle handpiece             |                                    |

| Group 3 – Variation                     |                                |                         |
|---|--------------------------------|-------------------------|
| Variant                                 | Height                         | Color                   |
| <b>W0</b> – 0° angle                    | <b>G2</b> – gingiva height 2mm | <b>A2</b> – color light |
|   | <b>G3</b> – gingiva height 3mm | <b>A4</b> – color dark  |
| <b>XA</b> – uncoated, without structure |                                |                         |
| <b>11</b> – Length of shaft in mm       | <b>FT</b> – Friction-Tubing    |                         |

## Examples:

### 1. Abutment:

Hybrid abutment compatible with Straumann® Bone Level, diameter 3,3 mm, Hybrid abutment zirconia, Anterior, gingiva height 2 mm, color light:

**SB-33 . HZ-FZ . G2A2**

### 2. Accessories:

Insertion tool for contra angle handpiece with shaft length 11 mm and friction tubing:

**Z-TO . SD-WI . 11-FT**

# Order Form

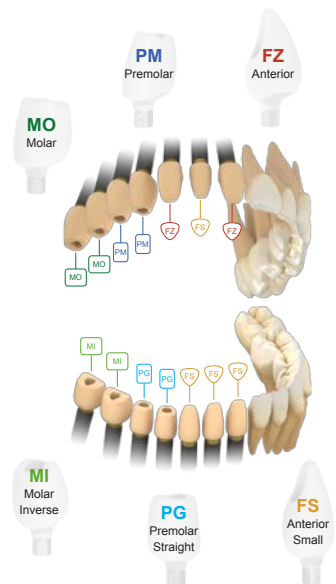
Please select the corresponding implant **platform**  
Please use one order form per implant platform

| Brand          | System              | Implant Diameter Ø (mm) / Platform |                |
|----------------|---------------------|------------------------------------|----------------|
| Astra Tech®    | OsseoSpeed® EV      | 4.2                                |                |
| Astra Tech®    | OsseoSpeed® TX      | 3.5 - 4.0                          |                |
| Camlog®        | Conelog®            | 3.8                                |                |
| Megagen®       | AnyRidge®           | 3.5 - 8.0                          |                |
| Nobel Biocare® | Nobel Active®       | 3.5 (NP)                           |                |
| Straumann®     | BoneLevel®          | 3.3 (NC)                           | 4.1 - 4.8 (RC) |
| Zimmer®        | Tapered-Screw-Vent® | 3.5                                |                |

|                      |   |
|----------------------|---|
| Online               | <a href="https://shop.abutments4life.de">https://shop.abutments4life.de</a> |
| Phone                | +41 58 360 20 00  |
| Fax                  | +41 58 360 20 11  |
| Email                | dental-sales@cmsa.ch  |
| Contact / Customer # |   |
| E-Mail               |   |
| Phone                |   |

## Hybrid Abutments

|          | Anterior |    | Anterior Small |    | Premolar |    | Premolar Straight |    | Molar |    | Molar Inverse |    |
|----------|----------|----|----------------|----|----------|----|-------------------|----|-------|----|---------------|----|
| Color    | A2       | A4 | A2             | A4 | A2       | A4 | A2                | A4 | A2    | A4 | A2            | A4 |
| Quantity |          |    |                |    |          |    |                   |    |       |    |               |    |



## Gingiva Formers

|          | Anterior |  | Anterior Small |  | Premolar |  | Premolar Straight |  | Molar |  | Molar Inverse |  |
|----------|----------|--|----------------|--|----------|--|-------------------|--|-------|--|---------------|--|
| Quantity |          |  |                |  |          |  |                   |  |       |  |               |  |

## C-BASE & T-BASE suitable for CEREC®

|          | C-BASE   |           | T-BASE   |           | Milling Blank |
|----------|----------|-----------|----------|-----------|---------------|
|          | straight | angulated | straight | angulated | angulated     |
| Quantity |          |           |          |           |               |

## Scan Accessories

## Tools

## Instruments

|          | Scanbody | Screw driver | Handpiece insert (ISO) | Torque Wrench incl. Driver Handle | Torque Wrench Driver Handle | Zirconia preparation set |
|----------|----------|--------------|------------------------|-----------------------------------|-----------------------------|--------------------------|
| Quantity |          |              |                        |                                   |                             |                          |

**All prosthetic parts are delivered with the corresponding screw**

Date / Signature

Company address / Billing address

Different ship-to address

# Legal notice

## Directions for use

The descriptions of the instructions are not sufficient for immediate application and further processing of the products. Dental knowledge and the introduction into the handling of the products are absolutely necessary.

## Validity / Expiry

This catalog is valid from July 1, 2017 until the publication of the new catalog.  
It replaces all previous versions.

## Product documentation

Further documentations about our product line are available on our website and at our regional distributors.

## Brand references

The company logos depicted are subject to the terms of use of the respective providers.  
Products marked by ® are registered trademarks of the respective manufacturer.

## Privacy protection indications:

Cendres+Métaux SA and its providers utilize your data for purposes of your orders and requests as well as for clients' analyses and written promotion by post without your advanced agreements. Our business customers will be informed about our products, services, customer satisfaction surveys and events by telephone.

In case of disagreeing with the use of your personal data for advertising and market research purposes or if you wish to withdraw from an appropriately issued agreement it is to our satisfaction to receive a brief notification by Email to [dental-sales@cmsa.ch](mailto:dental-sales@cmsa.ch).

## Terms and Conditions

Our current terms and conditions can be found on our website at [www.abutments4life.de/en/terms-and-conditions](http://www.abutments4life.de/en/terms-and-conditions)

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[www.cmsa.ch/dental](http://www.cmsa.ch/dental)

## Manufacturer in terms of MDD 93/42/EEC

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



[www.abutments4life.de](http://www.abutments4life.de)

## Imprint

Edition: July 2017  
Publisher: Cendres+Métaux SA

Errors, literal mistakes as well as dimensionally stable changes remain reserved.

## EXPLANATION OF SYMBOLS

|   |   |
|---|---|
|    | Batch code  |
|    | Use by date   |
|    | Date of manufacture   |
|    | Sterilized using irradiation  |
|    | Sterilized using ethylene oxide   |
|    | Sterilized using steam or dry heat  |
|    | Temperature limitation  |
|    | Do not re-use   |
|    | Non-sterile   |
|   | Caution   |
|  | Article number  |
|  | Conformity symbol as specified by EU Directive MDD 93/42/EEC                        |
|  | Consult instructions for use<br>URL: <a href="http://cmsa.ch/docs">cmsa.ch/docs</a> |
|  | Do not re-sterilize   |
|  | Do not use if package is damaged  |
|  | Atmospheric pressure limitation   |
|  | Manufacturer  |
|  | Keep away from sunlight   |
|  | May only be sold to and prescribed by physicians (USA)                              |

## Area of responsibility and liability limitation

As part of the Abutments4life range of systems it is only allowed to combine the products with the accredited components in accordance to the directions for use. The application of foreign components of other implant and abutment systems can lead to dysfunctioning and total failure.

It is explicitly prohibited to use abutments unfitting to the connecting geometry of the implant system.

We cannot furnish a guarantee for damages which root in improper application of our products.

## Reutilization

All hybrid abutments are designated for one-time use only. Products labelled for one-time use only are not to be recycled or reused. The function, labeling or fitting could be affected as well as an increased risk of transmitting infections.

## Backtracking of charges

Due to product identification and traceability we cannot retract opened packages.

Please beware that, by law, the hybrid abutment is considered a surgical component for purpose and use in dental implantology.

We therefore ask to thoroughly document the provided information of charge in the patient's file.

## Storage

The products made Abutments4life must be stored in a dry place. Avoid exposure to UV rays and high temperatures. In case of damaged or faulty packaging it is prohibited to use the products.

# Around the world

## Headquarters

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Subject to change.

The current list is available online on [www.cmsa.ch/dental](http://www.cmsa.ch/dental).

# Abutments4life Online

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