NEW PRODUCTS

NEW SURGICAL KIT
with stoppers for all drills will be available 2021

Bio3 PENGUIN MONITOR
OSSEOINTEGRATION
see page 71

Bio3 VITAMIN
see page 74

Bio3 IMPLANT CARE FOAM
see page 75
Bio3 Implants – is a dedicated team of professionals in dentistry and implantology with 20 years’ experience

Your customer’s smile is our mutual success!
Bio3 Implants GmbH is a German company, which offers the dentists the best solutions of the highest quality and accuracy in implantology. We develop, produce and implement reliable and quality implant systems of premium line with conical connection.

Bio3 Implants team tends to make implantation simple, easy, high-quality and highly gentle for the patient. To achieve this goal the company develops innovative premium quality products as well as provides its customers with a high standard service.

**Bio3 Implants main benefits:**
- Precision conical connection
- Anodized hydrophilic surface

**Reliability and quality**
Bio3 Implants conducts continuous and systematic quality control of all products which is confirmed by international quality standards ISO 13485:2016, CE 57797.

During the past years the company extended its production with the most advanced high-tech equipment. Technological cycle of Bio3 Implants production is ensured by high standards of German quality.

All products go through several stages of quality control.

**Identification and warranty**
Each Bio3 Implants product is assigned with a unique serial number that allows tracking the history of the product manufacturing from the first to the final stage. Bio3 Implants provides a lifetime warranty on all its products. Each implant includes Warranty Card, Product certificate and manual for the patient.

**Compactness and availability**
We offer a simple and reliable solution for all possible clinical situations. The doctor uses only one surgical kit to perform operations on all implant types. Bio3 implant system has 2 platforms for implants with conical connection.

**Service and Training**
The company pays big attention to the service support to our clients in all countries of the world. Bio3 Implants organizes specialized lectures, specialized educational courses and programs, as well as workshops and seminars for implantologists, prosthodontists and dental technicians in different countries.

*Our mission is to help our clients every day by offering them reliability, aesthetics and patient’s beautiful smile.*

Your customer’s smile is our mutual success! We speak the same language with you!
Researches show that anodized surface stimulates bone tissue growth throughout entire implant surface, which provides high mechanical stability and osseointegration in much shorter terms. These unique properties of the surface allow performing orthopedic rehabilitation at an earlier stage as well as significantly reduce the risk within implant installation under one-stage protocol.

Bio3 Implants surface is a modern generation of surfaces in dental implantology.

Bio3 tapered implant system provides an ideal tight connection between the implant and abutment

Bio3 IMPLANTS SURFACE

Hydrophilic microporous structure of Bio3 Implants surface stimulates active bone tissue growth throughout entire implant surface.

Bio3 Implants surface is active and hydrophilic, with a distinct multilayered microporous structure. The thickness of the implant surface oxide layer reaches 10-15 microns. Micropores grow through the entire thickness of the oxide layer. When combining, they create a multilayered surface. This allows bone tissue not only to grow deeply into the micropores, but also to grow between them. Thus the implant surface area is significantly increased.

Respectively, the contact between bone tissue and implant surface is strengthened.

Titanium oxide film is enriched with calcium hydroxyapatite.
In order to prevent implant contact with other materials while removal, the implant is provided with a titanium sleeve. For maximum protection, the flask is packed in a sterile blister to avoid contact of the implant surface with any foreign particles.
Bio3 IMPLANT PROGRESSIVE
Tapered dental implants range

**CONICAL CONNECTION**

Conical connection with inner hex provides precision implant-abutment connection and therefore, influences well on the stability process of permanent dental prostheses. 12° taper provides this connection with perfect fitting and tightness.

Conical connection is absolutely bacterial dense and shows excellent results in compression reduction in implant cervical part.

**CHARACTERISTICS**

- Spiral-shaped implant with aggressive thread was developed for a better primary stability, therefore it is recommended to be used in II, III and IV bone tissue types.
- Conical implant body perfectly complies with the drill shape for more precision bone fitting.
- Implant body tapering ensures better self-tapping property. Noninvasive apical implant part prevents from anatomical damaging during sinus lifting.
- Platform switching

**SURFACE**

Bio3 Implants surface is the latest generation of dental implant surfaces. It is active and hydrophilic. The increased surface area provides perfect bone–implant connection. Due to this advantage the implant has higher primary stability and quick osseointegration. It can be used with one- or two-stage protocol.

**APICAL PART**

Due to the precise design of implant apical part it can prevent from damage of anatomical bone structure and can give the opportunity to the implantologist to decrease the time of surgical implantation stage. Progressive Implant enables to solve any clinical problems even in highly complicated situations.
Bio3 IMPLANT PROGRESSIVE

Standard platform

PROGRESSIVE IMPLANT

Progressive Implant is the newest development. Being self-tapping, it provides perfect fixation and primary stability.

Spiral-shaped implant form with various thread depth is developed for better bone compression while using in III-IV bone types.

ATTENTION!

It is used for installation in front and lateral parts (canines, incisors, premolars).

RECOMMENDED DRILLING SPEED

<table>
<thead>
<tr>
<th>Drill</th>
<th>D1</th>
<th>D2</th>
<th>D3</th>
<th>D4</th>
<th>D1</th>
<th>D2</th>
<th>D3</th>
<th>D4</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>800-1200</td>
<td>800-1200</td>
<td>800-1000</td>
<td>800-1000</td>
<td>800-1000</td>
<td>600-800</td>
<td>600-800</td>
<td>600-800</td>
</tr>
<tr>
<td>2</td>
<td>800-1200</td>
<td>800-1200</td>
<td>800-1000</td>
<td>800-1000</td>
<td>800-1000</td>
<td>600-800</td>
<td>600-800</td>
<td>600-800</td>
</tr>
<tr>
<td>3</td>
<td>800-1000</td>
<td>800-1000</td>
<td>700-900</td>
<td>600-800</td>
<td>500-600</td>
<td>400-500</td>
<td>500-600</td>
<td>400-500</td>
</tr>
<tr>
<td>4</td>
<td>800-1000</td>
<td>800-1000</td>
<td>600-800</td>
<td>600-800</td>
<td>500-600</td>
<td>400-500</td>
<td>500-600</td>
<td>400-500</td>
</tr>
</tbody>
</table>

Implantation Protocol.*

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

* Our drill 2.8 change color and go from red to black during the transition period, we will deliver the red and black products to you, up to complete modification of the range.

PRODUCT CODE

PTI3.3/10
PTI3.3/8
PTI3.3/13
PTI3.3/11.5

8 mm 10 mm 11.5 mm 13 mm

TITANIUM COVER SCREW 2.1

is included in each implant set

Bio3 IMPLANTS

Implantation Protocol.*

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

* Our drill 2.8 change color and go from red to black during the transition period, we will deliver the red and black products to you, up to complete modification of the range.

Bio3 IMPLANTS

Implantation Protocol.*

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

* Our drill 2.8 change color and go from red to black during the transition period, we will deliver the red and black products to you, up to complete modification of the range.

Bio3 IMPLANTS

Implantation Protocol.*

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

* Our drill 2.8 change color and go from red to black during the transition period, we will deliver the red and black products to you, up to complete modification of the range.

Bio3 IMPLANTS

Implantation Protocol.*

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

* Our drill 2.8 change color and go from red to black during the transition period, we will deliver the red and black products to you, up to complete modification of the range.

Bio3 IMPLANTS

Implantation Protocol.*

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

* Our drill 2.8 change color and go from red to black during the transition period, we will deliver the red and black products to you, up to complete modification of the range.

Bio3 IMPLANTS

Implantation Protocol.*

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

* Our drill 2.8 change color and go from red to black during the transition period, we will deliver the red and black products to you, up to complete modification of the range.

Bio3 IMPLANTS

Implantation Protocol.*

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

* Our drill 2.8 change color and go from red to black during the transition period, we will deliver the red and black products to you, up to complete modification of the range.

Bio3 IMPLANTS

Implantation Protocol.*

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

* Our drill 2.8 change color and go from red to black during the transition period, we will deliver the red and black products to you, up to complete modification of the range.

Bio3 IMPLANTS

Implantation Protocol.*

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

* Our drill 2.8 change color and go from red to black during the transition period, we will deliver the red and black products to you, up to complete modification of the range.

Bio3 IMPLANTS

Implantation Protocol.*

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

* Our drill 2.8 change color and go from red to black during the transition period, we will deliver the red and black products to you, up to complete modification of the range.

Bio3 IMPLANTS

Implantation Protocol.*

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

* Our drill 2.8 change color and go from red to black during the transition period, we will deliver the red and black products to you, up to complete modification of the range.

Bio3 IMPLANTS

Implantation Protocol.*

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

* Our drill 2.8 change color and go from red to black during the transition period, we will deliver the red and black products to you, up to complete modification of the range.

Bio3 IMPLANTS

Implantation Protocol.*

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

* Our drill 2.8 change color and go from red to black during the transition period, we will deliver the red and black products to you, up to complete modification of the range.

Bio3 IMPLANTS

Implantation Protocol.*

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

* Our drill 2.8 change color and go from red to black during the transition period, we will deliver the red and black products to you, up to complete modification of the range.

Bio3 IMPLANTS

Implantation Protocol.*

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

* Our drill 2.8 change color and go from red to black during the transition period, we will deliver the red and black products to you, up to complete modification of the range.

Bio3 IMPLANTS

Implantation Protocol.*

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

* Our drill 2.8 change color and go from red to black during the transition period, we will deliver the red and black products to you, up to complete modification of the range.

Bio3 IMPLANTS

Implantation Protocol.*

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

* Our drill 2.8 change color and go from red to black during the transition period, we will deliver the red and black products to you, up to complete modification of the range.

Bio3 IMPLANTS

Implantation Protocol.*

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

* Our drill 2.8 change color and go from red to black during the transition period, we will deliver the red and black products to you, up to complete modification of the range.

Bio3 IMPLANTS

Implantation Protocol.*

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

* Our drill 2.8 change color and go from red to black during the transition period, we will deliver the red and black products to you, up to complete modification of the range.

Bio3 IMPLANTS

Implantation Protocol.*

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

* Our drill 2.8 change color and go from red to black during the transition period, we will deliver the red and black products to you, up to complete modification of the range.

Bio3 IMPLANTS

Implantation Protocol.*

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

* Our drill 2.8 change color and go from red to black during the transition period, we will deliver the red and black products to you, up to complete modification of the range.
**Bio3 IMPLANT PROGRESSIVE**

**Standard platform**

**ATTENTION!**
It is used for installation in front and lateral parts (canines, incisors, premolars).

**RECOMMENDED DRILLING SPEED**

<table>
<thead>
<tr>
<th>D1</th>
<th>800-1200</th>
<th>D1</th>
<th>600-800</th>
<th>D1</th>
<th>500-700</th>
</tr>
</thead>
<tbody>
<tr>
<td>D2</td>
<td>800-1200</td>
<td>D2</td>
<td>600-800</td>
<td>D2</td>
<td>600-800</td>
</tr>
<tr>
<td>D3</td>
<td>800-1000</td>
<td>D3</td>
<td>500-600</td>
<td>D3</td>
<td>500-600</td>
</tr>
<tr>
<td>D4</td>
<td>800-1000</td>
<td>D4</td>
<td>400-500</td>
<td>D4</td>
<td>400-500</td>
</tr>
</tbody>
</table>

**ATTENTION!**

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

- Our drill 2.8 change color and go from red to black. During the transition period, we will deliver the red and black products to you, up to complete modification of the range.
Bio3 IMPLANT PROGRESSIVE
Wide platform

**Diameter**
4.2

**Internal Hex**
2.5

**PRODUCT CODE**
- PTIB4.2/8 (8 mm)
- PTIB4.2/10 (10 mm)
- PTIB4.2/11.5 (11.5 mm)
- PTIB4.2/13 (13 mm)

**DIAMETER**

**INTERNAL HEX**

**TITANIUM COVER SCREW 2.5**

is included in each implant set

**RECOMMENDED DRILLING SPEED**

<table>
<thead>
<tr>
<th>Drills</th>
<th>Speed (RPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1</td>
<td>800-1200</td>
</tr>
<tr>
<td>D2</td>
<td>800-1000</td>
</tr>
<tr>
<td>D3</td>
<td>800-1000</td>
</tr>
<tr>
<td>D4</td>
<td>800-1000</td>
</tr>
</tbody>
</table>

*The Protocol does not replace an appropriate training.*

**Implantation Protocol.**

*It is used in I and II bone types.*

**Our drill 2.8 change color and go from red to black. During the transition period, we will deliver the red and black products to you, up to complete modification of the range.*
Bio3 IMPLANT PROGRESSIVE

Wide platform

**DIAMETER**

5.0

**INTERNAL HEX**

2.5

**PRODUCT CODE**

- PTIB5/8 8 mm
- PTIB5/10 10 mm
- PTIB5/11.5 11.5 mm
- PTIB5/13 13 mm

**DIAMETER**

**INTERNAL HEX**

**RECOMMENDED DRILLING SPEED**

- **D1** 800-1200
- **D2** 800-1000
- **D3** 800-1000
- **D4** 800-1000

**Implantation Protocol.**

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.
Our drill 2.8 change color and go from red to black. During the transition period, we will deliver the red and black products to you, up to complete modification of the range.

**TITANIUM COVER SCREW 2.5**

is included in each implant set
Bio3 IMPLANT ADVANCED

Tapered dental implants range

**Conical Connection**

Conical connection with inner hex provides precision implant–abutment connection and therefore, influences well on the stability process of permanent dental prostheses. 12° taper provides this connection with perfect fitting and tightness.

Conical connection is absolutely bacterial dense and shows excellent results in compression reduction in implant cervical part.

- Spiral-shaped implant with classical triangle thread of two recurrent lengths, self-tapping. It was developed for better primary stability. It can be used in various bone types.
- Conical implant body perfectly complies with the drill shape for more precision bone fitting.
- Implant body tapering ensures better self-tapping property. Noninvasive apical implant part prevents from anatomical damaging during sinus lifting.
- Platform switching

**Characteristics**

- Spiral-shaped implant with classical triangle thread of two recurrent lengths, self-tapping. It was developed for better primary stability. It can be used in various bone types.
- Conical implant body perfectly complies with the drill shape for more precision bone fitting.
- Implant body tapering ensures better self-tapping property. Noninvasive apical implant part prevents from anatomical damaging during sinus lifting.
- Platform switching

**Surface**

Bio3 Implants surface is the latest generation of dental implant surfaces. It is active and hydrophilic. The increased surface area provides perfect bone–implant connection. Due to this advantage the implant has higher primary stability and quick osseointegration. It can be used with one- or two-stage protocol.

**Apical Part**

An apical part has sharp threads and antirotational sulci. Due to the special form of the apical part it can prevent from anatomical bone structure damage.
Bio3 IMPLANT ADVANCED

Advanced Implant has a unique design developed to provide perfect clinical results for various dental implantation procedures. Its root-shaped form and self-tapping triple thread enables to ease implantation process and provides high level of primary stability. The implant cervical part is done with micro thread for maximum contact of the implant with a cortical layer and prevents from bone resorption.

**ADVANCED IMPLANT**

**RECOMMENDED DRILLING SPEED**

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Speed</th>
<th>Diameter</th>
<th>Speed</th>
<th>Diameter</th>
<th>Speed</th>
<th>Diameter</th>
<th>Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1</td>
<td>800-1200</td>
<td>D2</td>
<td>800-1200</td>
<td>D3</td>
<td>800-1000</td>
<td>D4</td>
<td>800-1000</td>
</tr>
<tr>
<td>D2</td>
<td>800-1200</td>
<td>D2</td>
<td>800-1000</td>
<td>D3</td>
<td>700-900</td>
<td>D4</td>
<td>600-800</td>
</tr>
<tr>
<td>D3</td>
<td>800-1000</td>
<td>D3</td>
<td>600-800</td>
<td>D3</td>
<td>500-600</td>
<td>D4</td>
<td>400-500</td>
</tr>
<tr>
<td>D4</td>
<td>800-1000</td>
<td>D4</td>
<td>600-800</td>
<td>D3</td>
<td>500-600</td>
<td>D4</td>
<td>400-500</td>
</tr>
</tbody>
</table>

**Implantation Protocol.***

* The Protocol does not replace an appropriate training.

** It is used in I and II bone types.

Our drill 2.8 change color and go from red to black. During the transition period, we will deliver the red and black products to you, up to complete modification of the range.

* * *
Bio3 IMPLANT ADVANCED

Standard platform

### Diameter
3.8

### Internal Hex
2.1

---

**PRODUCT CODE**
- ATI3.8/8
- ATI3.8/10
- ATI3.8/11.5
- ATI3.8/13

---

**Recommended Drilling Speed**

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Drilling Speed</th>
<th>Diameter</th>
<th>Drilling Speed</th>
<th>Diameter</th>
<th>Drilling Speed</th>
<th>Diameter</th>
<th>Drilling Speed</th>
<th>Diameter</th>
<th>Drilling Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1</td>
<td>800-1200</td>
<td>D1</td>
<td>800-1000</td>
<td>D1</td>
<td>500-700</td>
<td>D1</td>
<td>500-700</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D2</td>
<td>800-1200</td>
<td>D2</td>
<td>800-1000</td>
<td>D2</td>
<td>600-800</td>
<td>D2</td>
<td>600-800</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D3</td>
<td>800-1000</td>
<td>D3</td>
<td>700-900</td>
<td>D3</td>
<td>500-600</td>
<td>D3</td>
<td>500-600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D4</td>
<td>800-1000</td>
<td>D4</td>
<td>600-800</td>
<td>D4</td>
<td>400-500</td>
<td>D4</td>
<td>400-500</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Implantation Protocol**

* The Protocol does not replace an appropriate training.

** It is used in I and II bone types.

- Our drill 2.8 change color and go from red to black. During the transition period, we will deliver the red and black products to you, up to complete modification of the range.
Bio3 IMPLANT ADVANCED

Wide platform

Diameter 4.2
Internal Hex 2.5

Titanium Cover Screw 2.5

is included in each implant set

**Recommended Drilling Speed**

<table>
<thead>
<tr>
<th>D1</th>
<th>800-1200</th>
<th>D2</th>
<th>800-1200</th>
<th>D3</th>
<th>800-1000</th>
<th>D4</th>
<th>800-1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1</td>
<td>600-800</td>
<td>D2</td>
<td>600-800</td>
<td>D3</td>
<td>600-800</td>
<td>D4</td>
<td>600-800</td>
</tr>
<tr>
<td>D1</td>
<td>500-700</td>
<td>D2</td>
<td>600-800</td>
<td>D3</td>
<td>500-600</td>
<td>D4</td>
<td>400-500</td>
</tr>
<tr>
<td>D1</td>
<td>400-600</td>
<td>D2</td>
<td>500-700</td>
<td>D3</td>
<td>500-600</td>
<td>D4</td>
<td>400-500</td>
</tr>
</tbody>
</table>

**Implantation Protocol.**

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

Our drill 2.8 change color and go from red to black. During the transition period, we will deliver the red and black products to you, up to complete modification of the range.
Bio3 IMPLANT ADVANCED

Wide platform

**DIAMETER** 5.0

**INTERNAL HEX** 2.5

---

**PRODUCT CODE**

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Length</th>
<th>Drill</th>
<th>Internal Hex</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 mm</td>
<td>5.0</td>
<td>D1</td>
<td>800-1200</td>
</tr>
<tr>
<td>10 mm</td>
<td>5.0</td>
<td>D2</td>
<td>800-1000</td>
</tr>
<tr>
<td>11.5 mm</td>
<td>2.5</td>
<td>D3</td>
<td>800-1000</td>
</tr>
<tr>
<td>13 mm</td>
<td>2.5</td>
<td>D4</td>
<td>800-1000</td>
</tr>
</tbody>
</table>

**RECOMMENDED DRILLING SPEED**

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Length</th>
<th>Drill</th>
<th>Speed (RPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.0</td>
<td>8 mm</td>
<td>D1</td>
<td>800-1200</td>
</tr>
<tr>
<td>5.0</td>
<td>10 mm</td>
<td>D2</td>
<td>800-1000</td>
</tr>
<tr>
<td>2.5</td>
<td>11.5 mm</td>
<td>D3</td>
<td>800-1000</td>
</tr>
<tr>
<td>2.5</td>
<td>13 mm</td>
<td>D4</td>
<td>800-1000</td>
</tr>
</tbody>
</table>

---

**Implantation Protocol**

* The Protocol does not replace an appropriate training.
** It is used in I and II bone types.

Our drill 2.8 change color and go from red to black. During the transition period, we will deliver the red and black products to you, up to complete modification of the range.
HEALING CAPS

Standard platform

**STANDARD**

<table>
<thead>
<tr>
<th>DIAMETER</th>
<th>LENGTH</th>
<th>FULL LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.2 mm</td>
<td>2 mm</td>
<td>8.45 mm</td>
</tr>
<tr>
<td>4.2 mm</td>
<td>3 mm</td>
<td>9.45 mm</td>
</tr>
<tr>
<td>4.2 mm</td>
<td>4 mm</td>
<td>10.45 mm</td>
</tr>
<tr>
<td>4.2 mm</td>
<td>5 mm</td>
<td>11.45 mm</td>
</tr>
<tr>
<td>4.2 mm</td>
<td>7 mm</td>
<td>13.45 mm</td>
</tr>
</tbody>
</table>

**WIDE**

<table>
<thead>
<tr>
<th>DIAMETER</th>
<th>LENGTH</th>
<th>FULL LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.5 mm</td>
<td>2 mm</td>
<td>7.72 mm</td>
</tr>
<tr>
<td>5.5 mm</td>
<td>3 mm</td>
<td>8.73 mm</td>
</tr>
<tr>
<td>5.5 mm</td>
<td>4 mm</td>
<td>9.73 mm</td>
</tr>
<tr>
<td>5.5 mm</td>
<td>5 mm</td>
<td>10.73 mm</td>
</tr>
</tbody>
</table>

Healing cap for standard platform (2.1 mm) with two various diameters – 4.2 mm and 5.5 mm. It is installed using universal or hand prosthetic insertion driver.

**MATERIAL** Titanium Grade 5
**HEALING CAPS**

**Wide platform**

**STANDARD**

<table>
<thead>
<tr>
<th>DIAMETER</th>
<th>5.1 mm</th>
<th>5.1 mm</th>
<th>5.1 mm</th>
<th>5.1 mm</th>
<th>5.1 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>LENGTH</td>
<td>2 mm</td>
<td>3 mm</td>
<td>4 mm</td>
<td>5 mm</td>
<td>7 mm</td>
</tr>
<tr>
<td>FULL LENGTH</td>
<td>8.45 mm</td>
<td>9.45 mm</td>
<td>10.45 mm</td>
<td>11.45 mm</td>
<td>13.45 mm</td>
</tr>
</tbody>
</table>

**WIDE**

<table>
<thead>
<tr>
<th>DIAMETER</th>
<th>5.5 mm</th>
<th>5.5 mm</th>
<th>5.5 mm</th>
<th>5.5 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>LENGTH</td>
<td>2 mm</td>
<td>3 mm</td>
<td>4 mm</td>
<td>5 mm</td>
</tr>
<tr>
<td>FULL LENGTH</td>
<td>7.9 mm</td>
<td>8.9 mm</td>
<td>9.9 mm</td>
<td>10.9 mm</td>
</tr>
</tbody>
</table>

Healing cap for wide platform (2.5 mm) with two various diameters – 5.1 mm and 5.5 mm. It is installed using universal or hand prosthetic insertion driver.

**MATERIAL** Titanium Grade 5

---

**Bio3 Implants**

**Bio3 Implants Company**

**Implants**

**Instruments**

**Suprastructures**

**Kits**

**Special proposal**
COVER SCREW HEALING CAPS

### Standard platform

- **Diameter**: 3.2 mm
- **Length**: 10.5 mm

### Wide platform

- **Diameter**: 4.0 mm
- **Length**: 10.5 mm

**MATERIAL**: Titanium Grade 5

**NEW**

Ensures ideal gingival margin.

Suitable for any variants of following dental prosthetics.

**PRODUCT CODE**: GFNS, GFNB
STRAIGHT ANATOMIC ABUTMENTS

Standard platform

Anatomic titanium abutment for standard platform (2.1 mm) with 1, 2, 3 mm shoulders that has two various shoulder diameter width – 4.2 mm and 5.5 mm. It is installed using universal or hand prosthetic insertion driver.

<table>
<thead>
<tr>
<th>DIAmETER</th>
<th>4.2 mm</th>
<th>4.2 mm</th>
<th>4.2 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHOULDER</td>
<td>1 mm</td>
<td>2 mm</td>
<td>3 mm</td>
</tr>
<tr>
<td>LENGTH</td>
<td>11.55 mm</td>
<td>12.55 mm</td>
<td>13.55 mm</td>
</tr>
</tbody>
</table>

MATERIAL: Titanium Grade 5

Wide platform

Anatomic titanium abutment for wide platform (2.5 mm) with 1, 2, 3 mm shoulders. It is installed using universal or hand prosthetic insertion driver. Prosthetic screw in each set.

<table>
<thead>
<tr>
<th>DIAmETER</th>
<th>5.1 mm</th>
<th>5.1 mm</th>
<th>5.1 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHOULDER</td>
<td>1 mm</td>
<td>2 mm</td>
<td>3 mm</td>
</tr>
<tr>
<td>LENGTH</td>
<td>12.4 mm</td>
<td>13.4 mm</td>
<td>14.4 mm</td>
</tr>
</tbody>
</table>

MATERIAL: Titanium Grade 5
STRAIGHT ABUTMENTS

**Standard platform**

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>Titanium Grade 5</th>
</tr>
</thead>
</table>

**WIDE**

| DIAMETER | 5.0 mm | 3.35 mm | 3.35 mm | 3.35 mm |
| LENGTH | 9 mm | 6.7 mm | 8.7 mm | 11.7 mm |
| FULL LENGTH | 13.7 mm | 10.55 mm | 12.55 mm | 15.55 mm |

Titanium straight abutment for standard platform (2.1 mm). Prosthetic screw in each set. It is installed using universal or hand prosthetic insertion driver.

**Wide platform**

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>Titanium Grade 5</th>
</tr>
</thead>
</table>

**WIDE**

| DIAMETER | 5.5 mm | 3.85 mm | 3.85 mm | 3.85 mm |
| LENGTH | 9 mm | 8.07 mm | 10.07 mm | 13.07 mm |
| FULL LENGTH | 13.9 mm | 12.12 mm | 14.12 mm | 17.12 mm |

Titanium straight abutment for wide platform (2.5 mm). Prosthetic screw in each set. It is installed using universal or hand prosthetic insertion driver.
### Standard platform

**INTERNAL HEX** 2.1

Each abutment set includes:

- **PROSTHETIC SCREW**

<table>
<thead>
<tr>
<th>PRODUCT CODE</th>
<th>DIAMETER</th>
<th>SHOULDER</th>
<th>LENGTH</th>
<th>ANGLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>EAAS15</td>
<td>3.35 mm</td>
<td>1 mm</td>
<td>11.0 mm</td>
<td>15°</td>
</tr>
<tr>
<td>EAAS1501</td>
<td>4.2 mm</td>
<td>2 mm</td>
<td>10.85 mm</td>
<td>15°</td>
</tr>
<tr>
<td>EAAS1502</td>
<td>4.2 mm</td>
<td>3 mm</td>
<td>11.85 mm</td>
<td>15°</td>
</tr>
<tr>
<td>EAAS1503</td>
<td>4.2 mm</td>
<td></td>
<td>12.85 mm</td>
<td>15°</td>
</tr>
</tbody>
</table>

Angulated anatomic titanium abutment 15° for standard platform (2.1 mm) with 1. 2. 3 mm shoulder or without it.

Prosthetic screw in each set.

It is installed using universal or hand prosthetic insertion driver.

**MATERIAL** Titanium Grade 5

### Wide platform

**INTERNAL HEX** 2.5

Each abutment set includes:

- **PROSTHETIC SCREW**

<table>
<thead>
<tr>
<th>PRODUCT CODE</th>
<th>DIAMETER</th>
<th>SHOULDER</th>
<th>LENGTH</th>
<th>ANGLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>EAAB15</td>
<td>3.85 mm</td>
<td>1 mm</td>
<td>12.85 mm</td>
<td>15°</td>
</tr>
<tr>
<td>EAAB1501</td>
<td>5.1 mm</td>
<td>2 mm</td>
<td>11.55 mm</td>
<td>15°</td>
</tr>
<tr>
<td>EAAB1502</td>
<td>5.1 mm</td>
<td>3 mm</td>
<td>12.2 mm</td>
<td>15°</td>
</tr>
<tr>
<td>EAAB1503</td>
<td>5.1 mm</td>
<td></td>
<td>13.2 mm</td>
<td>15°</td>
</tr>
</tbody>
</table>

Angulated anatomic titanium abutment 15° for wide platform (2.5 mm) with 1. 2. 3 mm shoulder or without it.

Prosthetic screw in each set.

It is installed using universal or hand prosthetic insertion driver.

**MATERIAL** Titanium Grade 5
ANGULATED ANATOMIC ABUTMENTS 25°

Standard platform

Angulated anatomic titanium abutment 25° for standard platform (2.1 mm) with 2 mm shoulder or without it. Prosthetic screw in each set. It is installed using universal or hand prosthetic insertion driver.

**PRODUCT CODE**

<table>
<thead>
<tr>
<th></th>
<th>EAAS25</th>
<th>EAAS2502</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DIAMETER</strong></td>
<td>3.35 mm</td>
<td>4.2 mm</td>
</tr>
<tr>
<td><strong>SHOULDER</strong></td>
<td>2 mm</td>
<td></td>
</tr>
<tr>
<td><strong>LENGTH</strong></td>
<td>10.9 mm</td>
<td>11.75 mm</td>
</tr>
<tr>
<td><strong>ANGLE</strong></td>
<td>25°</td>
<td>25°</td>
</tr>
</tbody>
</table>

**MATERIAL** Titanium Grade 5

Wide platform

Angulated anatomic titanium abutment 25° for wide platform (2.5 mm) with 2 mm shoulder or without it. Prosthetic screw in each set. It is installed using universal or hand prosthetic insertion driver.

**PRODUCT CODE**

<table>
<thead>
<tr>
<th></th>
<th>EAAB25</th>
<th>EAAB2502</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DIAMETER</strong></td>
<td>3.85 mm</td>
<td>5.1 mm</td>
</tr>
<tr>
<td><strong>SHOULDER</strong></td>
<td>2 mm</td>
<td></td>
</tr>
<tr>
<td><strong>LENGTH</strong></td>
<td>12.8 mm</td>
<td>12.15 mm</td>
</tr>
<tr>
<td><strong>ANGLE</strong></td>
<td>25°</td>
<td>25°</td>
</tr>
</tbody>
</table>

**MATERIAL** Titanium Grade 5
## Screw Retained Abutments

### Standard Platform

**Internal Hex 2.1**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>VAAS1</th>
<th>VAAS2</th>
<th>VAAS3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter</td>
<td>4.7 mm</td>
<td>4.7 mm</td>
<td>4.7 mm</td>
</tr>
<tr>
<td>Length</td>
<td>1 mm</td>
<td>2 mm</td>
<td>3 mm</td>
</tr>
</tbody>
</table>

- Each abutment set includes:
  - Prosthetic Screw
  - CS VAAS cover screw

**Material** Titanium Grade 5

The abutment is used to renew a single construction or a fixed bridge with screw retention. Screw in with a maximum force of 20 newton.

### Wide Platform

**Internal Hex 2.5**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>VAAB1</th>
<th>VAAB2</th>
<th>VAAB3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter</td>
<td>4.7 mm</td>
<td>4.7 mm</td>
<td>4.7 mm</td>
</tr>
<tr>
<td>Length</td>
<td>1 mm</td>
<td>2 mm</td>
<td>3 mm</td>
</tr>
</tbody>
</table>

- Each abutment set includes:
  - Prosthetic Screw
  - CS VAAB cover screw

**Material** Titanium Grade 5

The abutment is used to renew a single construction or a fixed bridge with screw retention. Screw in with a maximum force of 20 newton.

### Healing Cap

<table>
<thead>
<tr>
<th>Product Code</th>
<th>GAVA1</th>
<th>GAES2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Healing Cap</td>
<td>Plastic VAAS</td>
<td>Plastic VAAS NON HEX</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Plastic VAAS</th>
<th>TGAS 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temporary PEEK sleeve</td>
<td>for screw retained abutment</td>
<td>for screw retained abutment</td>
</tr>
</tbody>
</table>

- Screw SSA is included

### Laboratory Analog

<table>
<thead>
<tr>
<th>Product Code</th>
<th>GAES2 Plastic VAAS</th>
<th>IAES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non Hex</td>
<td>for screw retained abutment</td>
<td></td>
</tr>
</tbody>
</table>

### Transfer for Screw Retained Abutment

<table>
<thead>
<tr>
<th>Product Code</th>
<th>SAES15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non Hex</td>
<td>for screw retained abutment</td>
</tr>
</tbody>
</table>
SCREW RETAINED ABUTMENTS

MATERIAL: Titanium Grade 5

**Standard platform**

- **Diameter**: 4.3 mm
- **Length**: 1 mm

The abutment is used to renew a single construction or a fixed bridge with screw retention. Screw in with a maximum force of 20 newton.

**Wide platform**

- **Diameter**: 4.3 mm
- **Length**: 1 mm

**Titanium sleeve for screw retained abutment / angulated multi-unit**
- **Product Code**: GIMV

**Castable sleeve for screw retained abutment / angulated multi-unit**
- **Product Code**: CSMU

**Healing Cap**
- **Product Code**: GIMA

**Healing Cap Wide**
- **Product Code**: GIMA-W

**Burned-out plastic sleeve**
- **Product Code**: Plastic TCMS

**Temporary PEEK sleeve**
- **Product Code**: TGMN 1

**Laboratory Analog**
- **Product Code**: IAEN

**Transfer**
- **Product Code**: SOKM15

* Screw for GIMA is included
Angulated multi-unit 17° of a standard/wide platform is intended for the construction with screw retention during the treatment of partial or full edentia. It is used in cases during which the implant is placed at an angle. The set includes a bone screw. A multifunctional torque wrench is used for the installation.

### Wide platform

<table>
<thead>
<tr>
<th>PRODUCT CODE</th>
<th>DIAMETER</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>TBMB1701</td>
<td>4.35 mm</td>
<td>1 mm</td>
</tr>
<tr>
<td>TBMB1702</td>
<td>4.35 mm</td>
<td>2 mm</td>
</tr>
<tr>
<td>TBMB1703</td>
<td>4.35 mm</td>
<td>3 mm</td>
</tr>
</tbody>
</table>

Each multi-unit basis set includes:

![PROSTHETIC SCREW]

Angulated multi-unit 17° of a standard/wide platform is intended for the construction with screw retention during the treatment of partial or full edentia. It is used in cases during which the implant is placed at an angle. The set includes a bone screw. A multifunctional torque wrench is used for the installation.
ANGULATED MULTI-UNIT 30°

**Standard platform**

<table>
<thead>
<tr>
<th>PRODUCT CODE</th>
<th>TBMS3001</th>
<th>TBMS3002</th>
<th>TBMS3003</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIAMETER</td>
<td>4.3 mm</td>
<td>4.3 mm</td>
<td>4.3 mm</td>
</tr>
<tr>
<td>LENGTH</td>
<td>1 mm</td>
<td>2 mm</td>
<td>3 mm</td>
</tr>
</tbody>
</table>

Angulated multi-unit 30° of a standard/wide platform is intended for the construction with screw retention during the treatment of partial or full edentia. It is used in cases during which the implant is placed at an angle. The set includes a bone screw. A multifunctional torque wrench is used for the installation.

**Wide platform**

<table>
<thead>
<tr>
<th>PRODUCT CODE</th>
<th>TBMB3001</th>
<th>TBMB3002</th>
<th>TBMB3003</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIAMETER</td>
<td>4.3 mm</td>
<td>4.3 mm</td>
<td>4.3 mm</td>
</tr>
<tr>
<td>LENGTH</td>
<td>1 mm</td>
<td>2 mm</td>
<td>3 mm</td>
</tr>
</tbody>
</table>

Each multi-unit basis set includes:

**Prosthetic Screw**

<table>
<thead>
<tr>
<th>Material</th>
<th>GIMA-GIMA-W Plastic TCMS TGMN 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Healing Cap</td>
<td>Healing Cap Wide</td>
</tr>
<tr>
<td>GIMV</td>
<td>CSMU</td>
</tr>
</tbody>
</table>

* Screw for GIMA is included.
SCREW RETAINED ABUTMENTS MANUAL

Using titanium sleeve

1. Model
   - Gypsum
   - Analogs

2. Model
   - Titanium sleeve
   - Analogs

3. Model
   - Denture
   - Analogs

4. Intra-oral fixation
   - Bone
   - Implants
Using temporary PEEK sleeve for screw retained abutment

1. Temporary PEEK sleeve
2. Screw retained abutment
3. Retaining screw

Using burned-out plastic sleeve for individual construction production

1. Burned-out plastic sleeve
2. Prosthetic screw
3. Transfer
4. Implant
5. Bone
6. Retaining screw
7. Burned-out plastic sleeve
8. Analogs
9. Crown
10. Implants
11. Bone
12. Gypsum model
13. Open tray impression
14. Gypsum model
15. Crown
BALL ATTACHMENTS

Standard platform

**MATERIAL** Titanium Grade 5

<table>
<thead>
<tr>
<th>PRODUCT CODE</th>
<th>DIAMETER</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAS2</td>
<td>4.2 mm</td>
<td>2 mm</td>
</tr>
<tr>
<td>BAS3</td>
<td>4.2 mm</td>
<td>3 mm</td>
</tr>
<tr>
<td>BAS4</td>
<td>4.2 mm</td>
<td>4 mm</td>
</tr>
<tr>
<td>BAS5</td>
<td>4.2 mm</td>
<td>5 mm</td>
</tr>
<tr>
<td>BAS6</td>
<td>4.2 mm</td>
<td>6 mm</td>
</tr>
</tbody>
</table>

Ball attachment for overdentures and removable dentures fixation for standard platform (2.1 mm) as an element for dental prosthetics on two or more implants. It is installed using universal or hand prosthetic insertion driver.

Wide platform

**MATERIAL** Titanium Grade 5

<table>
<thead>
<tr>
<th>PRODUCT CODE</th>
<th>DIAMETER</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAB2</td>
<td>5.0 mm</td>
<td>2 mm</td>
</tr>
<tr>
<td>BAB3</td>
<td>5.0 mm</td>
<td>3 mm</td>
</tr>
<tr>
<td>BAB4</td>
<td>5.0 mm</td>
<td>4 mm</td>
</tr>
<tr>
<td>BAB5</td>
<td>5.0 mm</td>
<td>5 mm</td>
</tr>
<tr>
<td>BAB6</td>
<td>5.0 mm</td>
<td>6 mm</td>
</tr>
</tbody>
</table>

Ball attachment for overdentures and removable dentures fixation for wide platform (2.5 mm) as an element for dental prosthetics on two or more implants. It is installed using universal or hand prosthetic insertion driver.
Locators for overdentures and removable dentures fixation for standard platform (2.1 mm) as an element for dental prosthetics on two or more implants. It is installed using universal or hand prosthetic insertion driver.

**Standard platform**

<table>
<thead>
<tr>
<th>PRODUCT CODE</th>
<th>DIAMETER</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS2</td>
<td>3.85 mm</td>
<td>2 mm</td>
</tr>
<tr>
<td>LS3</td>
<td>3.85 mm</td>
<td>3 mm</td>
</tr>
<tr>
<td>LS4</td>
<td>3.85 mm</td>
<td>4 mm</td>
</tr>
<tr>
<td>LS5</td>
<td>3.85 mm</td>
<td>5 mm</td>
</tr>
<tr>
<td>LS6</td>
<td>3.85 mm</td>
<td>6 mm</td>
</tr>
</tbody>
</table>

**Wide platform**

<table>
<thead>
<tr>
<th>PRODUCT CODE</th>
<th>DIAMETER</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>LB2</td>
<td>3.85 mm</td>
<td>2 mm</td>
</tr>
<tr>
<td>LB3</td>
<td>3.85 mm</td>
<td>3 mm</td>
</tr>
<tr>
<td>LB4</td>
<td>3.85 mm</td>
<td>4 mm</td>
</tr>
<tr>
<td>LB5</td>
<td>3.85 mm</td>
<td>5 mm</td>
</tr>
<tr>
<td>LB6</td>
<td>3.85 mm</td>
<td>6 mm</td>
</tr>
</tbody>
</table>

**MATERIAL** Titanium Grade 5

Locators for overdentures and removable dentures fixation for wide platform (2.5 mm) as an element for dental prosthetics on two or more implants. It is installed using universal or hand prosthetic insertion driver.
TITANIUM BASIS WITH A BURNED-OUT PLASTIC SLEEVE

**Standard platform**

**INTERNAL HEX**

<table>
<thead>
<tr>
<th>Diameter</th>
<th>4.5 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>7.7 mm</td>
</tr>
</tbody>
</table>

**MATERIAL** Titanium Grade 5

Burned out plastic

**PRODUCT CODE**

<table>
<thead>
<tr>
<th>CODE</th>
<th>TBKS1</th>
</tr>
</thead>
</table>

**Wide platform**

**INTERNAL HEX**

<table>
<thead>
<tr>
<th>Diameter</th>
<th>4.5 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>7.7 mm</td>
</tr>
</tbody>
</table>

**MATERIAL** Titanium Grade 5

Burned out plastic

**PRODUCT CODE**

<table>
<thead>
<tr>
<th>CODE</th>
<th>TBKB1</th>
</tr>
</thead>
</table>
Titanium basis with burned-out plastic sleeve simplifies the technician’s work while crowns modeling as it is burnt out and is not subject to shrinkage or deformation.

This suprastructure is intended for manufacturing of individual bonding crowns to the standard base. This suprastructure usage simplifies the technician’s work while crowns modeling as the burned-out plastic sleeve is burnt out and is not subject to shrinkage or deformation, and it simply burns out at high temperatures saving the precision between titanium base and future crown. The impression obtained by standard direct method along with the suprastructure is passed to the technical laboratory.

**Step 1:**
A lab technician makes a gypsum model and fastens titanium platform in it together with a plastic cap.

**Step 5:**
In the casting laboratory a sprue is being attached to the wax. The sprue in its turn is attached to the main sprue thereby forming the sprue tree.

**Step 9:**
Into the blow hole, formed by burning out of wax and plastic, the desired free-flowing metal or free-flowing ceramics (in a fluid state) is being filled in. Using the method of vacuum or centrifugal casting, blow holes are filled in with dental alloy (CoCr or NiCr).

**Step 2:**
Lab technician molds wax model of the future tooth crown on the cap.

**Step 6:**
A metal ring is being put on the sprue tree. This metal ring will serve as a form for filling the investment material.

**Step 3:**
Molded wax model along with the cap is being removed by lab technician from the titanium basis.

**Step 7:**
The form with the sprue tree is filled in with investment material (special high-temperature pulp for casting).

**Step 10:**
The crown is released from sprues and is being sandblasted; ceramic firing on it and it is being baked.

**Step 4:**
The model along with the cap is transmitted to the casting lab for the future crown basis casting.

**Step 8:**
After solidification of the investment material the form is placed into a muffle furnace, where at a temperature of 900-1100 °C the wax and ash-free sleeve burn out, forming a blow hole for future casting.

**Step 11:**
Prefabricated crown is bonded to the titanium platform with chemical cure composite.
**PROSTHETIC FOR CAD/CAM**

**PREMILL ABUTMENT**

**DIAMETER**
- 10 mm
- 20.0 mm

**FUNCTIONAL LENGTH**
- 10 mm
- 20.0 mm

**PMAS**
- MATERIAL: Titanium Grade 5
- PRODUCT CODE: PMAS
- PROSTHETIC SCREW

**STPS**
- MATERIAL: PEEK
- PROSTHETIC SCREW

**STPS-Ti**
- MATERIAL: Titanium Grade 5
- PROSTHETIC SCREW

**PMAW**
- MATERIAL: Titanium Grade 5
- PRODUCT CODE: PMAW
- PROSTHETIC SCREW

**STPB**
- MATERIAL: PEEK
- PROSTHETIC SCREW

**STPB-Ti**
- MATERIAL: Titanium Grade 5
- PROSTHETIC SCREW

**STP MU**
- MATERIAL: PEEK

---

**Scan-abutment for CAD/CAM TPS**
- Each platform set includes:
- Scan-abutment Narrow

---

**Scan-abutment for CAD/CAM MU**
- Screw for GIMA is included

---

**Wide platform**

**PREMILL ABUTMENT**

**DIAMETER**
- 10 mm

**FUNCTIONAL LENGTH**
- 19.5 mm

**PMAS**
- MATERIAL: Titanium Grade 5
- PRODUCT CODE: PMAS
- PROSTHETIC SCREW

**STPS**
- MATERIAL: PEEK
- PROSTHETIC SCREW

**STPS-Ti**
- MATERIAL: Titanium Grade 5
- PROSTHETIC SCREW

**PMAW**
- MATERIAL: Titanium Grade 5
- PRODUCT CODE: PMAW
- PROSTHETIC SCREW

**STPB**
- MATERIAL: PEEK
- PROSTHETIC SCREW

**STPB-Ti**
- MATERIAL: Titanium Grade 5
- PROSTHETIC SCREW

**STP MU**
- MATERIAL: PEEK

---

**Scan-abutment for CAD/CAM TPS**
- Each platform set includes:
- Scan-abutment Narrow

---

**Scan-abutment for MU**
- Screw for GIMA is included

---
PROSTHETICS FOR CAD/CAM

Standard platform

**Titanium Base for Cerec**

- **DIAMETER**: 5.0 mm
- **FUNCTIONAL LENGTH**: 4.65 mm
- **SHOULDER**: 1 mm

**Titanium platform CAD/CAM**

for standard platform (2.1 mm)

<table>
<thead>
<tr>
<th>PRODUCT CODE</th>
<th>Non Hex</th>
<th>TPS</th>
<th>TPS1</th>
<th>TPS2</th>
<th>TPS3</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIAMETER</td>
<td>4.6 mm</td>
<td>4.6 mm</td>
<td>4.6 mm</td>
<td>4.6 mm</td>
<td>4.6 mm</td>
</tr>
<tr>
<td>FUNCTIONAL LENGTH</td>
<td>4.1 mm</td>
<td>4.1 mm</td>
<td>4.1 mm</td>
<td>4.1 mm</td>
<td>4.1 mm</td>
</tr>
<tr>
<td>SHOULDER</td>
<td>0.5 mm</td>
<td>0.5 mm</td>
<td>1 mm</td>
<td>2 mm</td>
<td>3 mm</td>
</tr>
<tr>
<td>SHOULDER 1</td>
<td>1.3 mm</td>
<td>1.3 mm</td>
<td>2.3 mm</td>
<td>3.3 mm</td>
<td>4.3 mm</td>
</tr>
</tbody>
</table>

**MATERIAL**

Titanium Grade 5

**Wide platform**

**Titanium Base for Cerec**

- **DIAMETER**: 5.0 mm
- **FUNCTIONAL LENGTH**: 4.65 mm
- **SHOULDER**: 1 mm

**Titanium platform CAD/CAM**

for wide platform (2.5 mm)

<table>
<thead>
<tr>
<th>PRODUCT CODE</th>
<th>Non Hex</th>
<th>TPB</th>
<th>TPB1</th>
<th>TPB2</th>
<th>TPB3</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIAMETER</td>
<td>5.1 mm</td>
<td>5.1 mm</td>
<td>5.1 mm</td>
<td>5.1 mm</td>
<td>5.1 mm</td>
</tr>
<tr>
<td>FUNCTIONAL LENGTH</td>
<td>4.05 mm</td>
<td>4.1 mm</td>
<td>4.1 mm</td>
<td>4.1 mm</td>
<td>4.1 mm</td>
</tr>
<tr>
<td>SHOULDER</td>
<td>0.5 mm</td>
<td>0.5 mm</td>
<td>1 mm</td>
<td>2 mm</td>
<td>3 mm</td>
</tr>
<tr>
<td>SHOULDER 1</td>
<td>1.3 mm</td>
<td>1.3 mm</td>
<td>2.3 mm</td>
<td>3.3 mm</td>
<td>4.3 mm</td>
</tr>
</tbody>
</table>

**MATERIAL**

Titanium Grade 5

**PRODUCT CODE**

TBS

**PRODUCT CODE**

TBW

**MATERIAL**

Titanium Grade 5

**MATERIAL**

Titanium Grade 5

---

Each platform set includes:

**PROSTHETIC SCREW**
DIGITAL PROTOCOL FOR CREATING AN ORTHOPEDIC STRUCTURE

Home page bio3-implants.com contains the following libraries available for download: Exocad libraries, 3SHAPE libraries.

- Crown with abutment
- Zirconium abutment
- All-milled titanium abutment
- Zirconium abutment
- Titanium platform
- Premill abutment
- Titanium base for Cerec
- Scan abutment
- Scan body
- Implant
- Laboratory analog for gluing into a print model
- Laboratory analog
**BURNED-OUT ABUTMENT**

**Standard platform**

<table>
<thead>
<tr>
<th>DIAMETER</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.2 mm</td>
<td>15.05 mm</td>
</tr>
</tbody>
</table>

**Burned-out abutment**
for standard platform (2.1 mm) is intended for individual orthopedic constructions.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>PCS</th>
<th>PCB</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Diameter</strong></td>
<td>4.2 mm</td>
<td>4.6 mm</td>
</tr>
<tr>
<td><strong>Length</strong></td>
<td>15.05 mm</td>
<td>15.5 mm</td>
</tr>
</tbody>
</table>

**Plastic Cylinder Abutment**
Non Hex

<table>
<thead>
<tr>
<th><strong>Material</strong></th>
<th>Burned out plastic</th>
</tr>
</thead>
</table>

**Wide platform**

<table>
<thead>
<tr>
<th>DIAMETER</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.2 mm</td>
<td>14 mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product Code</th>
<th>PCS NH</th>
<th>PCB NH</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Diameter</strong></td>
<td>ø 4.2 mm</td>
<td>ø 4.6 mm</td>
</tr>
<tr>
<td><strong>Length</strong></td>
<td>9.05 mm</td>
<td>9.05 mm</td>
</tr>
</tbody>
</table>

Each abutment set includes:

- Prosthetic Screw

<table>
<thead>
<tr>
<th><strong>Material</strong></th>
<th>Burned out plastic</th>
</tr>
</thead>
</table>
LABORATORY ANALOGS

STANDARD PLATFORM

- DIAMETER: 3.75 mm
- LENGTH: 12.3 mm

WIDE PLATFORM

- DIAMETER: 4.0 mm
- LENGTH: 13.5 mm

Laboratory Implant Analog for standard platform (2.1 mm) as well as for wide platform (2.5 mm). It is used in laboratory modeling.

DIGITAL ANALOGS

STANDARD PLATFORM

- DIAMETER: 4.0 mm
- LENGTH: 9 mm

WIDE PLATFORM

- DIAMETER: 4.0 mm
- LENGTH: 9 mm

TRANSFER FOR Bio LINE

- DIAMETER: 5.5 mm
- LENGTH: 9.25 mm

PLASTIC TRANSFER-CAP

STANDARD PLATFORM

- DIAMETER: 7.0 mm
- LENGTH: 10 mm

WIDE PLATFORM

- DIAMETER: 8.0 mm
- LENGTH: 10 mm

MATERIAL: Titanium Grade 5

PRODUCT CODE: IAS, IAB, D-IAS, D-IAB, TFBL, PTCS, PTCB
### IMPRESSION TRANSFERS FOR OPEN TRAY

**Impression Suprastructures**

<table>
<thead>
<tr>
<th>STANDART PLATFORM</th>
<th>WIDE PLATFORM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DIAMETER</strong></td>
<td>4.2 mm</td>
</tr>
<tr>
<td><strong>LENGTH</strong></td>
<td>17.85 mm</td>
</tr>
</tbody>
</table>

**MATERIAL** Titanium Grade 5

**PRODUCT CODE**
- SOLS15
- SOLB15

- SOLS15
- SOLB15

Each transfers set includes:
- SCREW SFT22

### IMPRESSION TRANSFERS FOR CLOSED TRAY

<table>
<thead>
<tr>
<th>STANDART PLATFORM</th>
<th>WIDE PLATFORM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DIAMETER</strong></td>
<td>4.2 mm</td>
</tr>
<tr>
<td><strong>LENGTH</strong></td>
<td>13.75 mm</td>
</tr>
</tbody>
</table>

**MATERIAL** Titanium Grade 5

**PRODUCT CODE**
- SGLS9
- SGLB9

- SOLS15
- SOLB15

Each transfers set includes:
- SCREW SFT17
An exclusive product: prosthetics Bio Line repeats the natural shape of teeth at the level of gums, which allows to form an anatomically correct gingival line.

Unlike conventional suprastructures, which are circular in cross section, Bio Line product range is characterized by a natural anatomical shape, which is different for various types of teeth - incisors, canines, premolars and molars.

For convenience and correctness of the positioning of the structure (implant and suprastructures), an arrow is marked on the surface of an adapter for an implant driver. Control of the direction of this arrow guarantees the desired position of the internal hex of the implant for the correct installation of the suprastructures.

**Correct installation of a Bio3 implant**

1. Insert an implant using an implant driver into the bone bed and manually or using a machine implant driver tighten it clockwise until it stops;
2. Remove implant driver by pulling it straight up with little effort;
3. Finish implant installation with a help of a torque wrench with a force of 30 N/cm;
4. Make sure that an arrow on the surface of an adapter of implant driver is directed outward perpendicular to the alveolar ridge;
5. Make sure there are no bone fragments and soft tissue on the implant platform and on its inner surface;
6. Install the implant plug with a universal wrench;
7. Sew soft tissue.

**Installation of Bio Line anatomic abutment**

23. Remove the healing abutment using the universal orthopedic wrench;
24. Depending on the type of a tooth, select the appropriate Bio Line abutment, identical to the shape of a natural tooth for:
   - incisors
   - canines
   - premolars
   - molars;
   
   Attention! For convenience and correct installation of the Bio Line anatomic abutment, an arrow is marked on the surface of the adapter. When installing, make sure that this arrow is perpendicular to the alveolar ridge. This way, you can ensure the correct position of the Bio Line abutment in the internal hex of the implant.

25. Install a ready-made orthopedic construction into the implant bed;
26. Fix the entire structure using an orthopedic screw that is included in the kit;
27. Close the remaining hole with composite material.

Let’s highlight the main benefits of using Bio Line unique prosthetics:

- Anatomically correct restoration of the gingival line, as well as the chewing function,
- Absence of additional surgery for gingival plastics,
- Restoration of the beautiful aesthetics, appearance, and feeling of the patient as if having a natural tooth.
HEALING CAPS, INCISOR TYPE

Standard platform

Anatomic design. Formation of constant anatomic gingival volume. Identical to natural incisor form. No need for soft tissue transplantation after the implantation or tooth removal. It is installed using universal or hand prosthetic insertion driver.

For standard platform (2.1 mm). Prosthetic screw in each set.

MATERIAL: Titanium Grade 5

| WIDTH 1 | 5.0 mm | 5.0 mm |
| WIDTH 2 | 6.0 mm | 6.0 mm |
| LENGTH | 4.1 mm | 5.95 mm |
| LENGTH 1 | 2.25 mm | 4.0 mm |

Wide platform

Anatomic design. Formation of constant anatomic gingival volume. Identical to natural incisor form. No need for soft tissue transplantation after the implantation or tooth removal. It is installed using universal or hand prosthetic insertion driver.

For wide platform (2.5 mm). Prosthetic screw in each set.

MATERIAL: Titanium Grade 5

| WIDTH 1 | 5.0 mm | 5.0 mm |
| WIDTH 2 | 6.0 mm | 6.0 mm |
| LENGTH | 4.5 mm | 6.35 mm |
| LENGTH 1 | 2.25 mm | 4.0 mm |
HEALING CAPS, CANINE TYPE

**Standard platform**

**INTERNAL HEX** 2.1

<table>
<thead>
<tr>
<th>Width 1</th>
<th>5.0 mm</th>
<th>5.0 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width 2</td>
<td>6.5 mm</td>
<td>6.5 mm</td>
</tr>
<tr>
<td>Length 1</td>
<td>4.1 mm</td>
<td>5.95 mm</td>
</tr>
<tr>
<td>Length 1</td>
<td>2.25 mm</td>
<td>4.0 mm</td>
</tr>
</tbody>
</table>

Anatomic design. Formation of constant anatomic gingival volume. Identical to natural canine form. No need for soft tissue transplantation after the implantation or tooth removal. It is installed using universal or hand prosthetic insertion driver.

For standard platform (2.1 mm). Prosthetic screw in each set.

**Wide platform**

**INTERNAL HEX** 2.5

<table>
<thead>
<tr>
<th>Width 1</th>
<th>5.0 mm</th>
<th>5.0 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width 2</td>
<td>6.5 mm</td>
<td>6.5 mm</td>
</tr>
<tr>
<td>Length 1</td>
<td>4.5 mm</td>
<td>6.35 mm</td>
</tr>
<tr>
<td>Length 1</td>
<td>2.25 mm</td>
<td>4.0 mm</td>
</tr>
</tbody>
</table>

Anatomic design. Formation of constant anatomic gingival volume. Identical to natural canine form. No need for soft tissue transplantation after the implantation or tooth removal. It is installed using universal or hand prosthetic insertion driver.

For wide platform (2.5 mm). Prosthetic screw in each set.
HEALING CAPS, PREMOLAR TYPE

**Standard platform**

<table>
<thead>
<tr>
<th>WIDTH 1</th>
<th>4.5 mm</th>
<th>4.5 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>WIDTH 2</td>
<td>6.0 mm</td>
<td>6.0 mm</td>
</tr>
<tr>
<td>LENGTH</td>
<td>4.1 mm</td>
<td>5.95 mm</td>
</tr>
<tr>
<td>LENGTH 1</td>
<td>2.25 mm</td>
<td>4.0 mm</td>
</tr>
</tbody>
</table>

Anatomic design. Formation of constant anatomic gingival volume. Identical to natural premolar form. No need for soft tissue transplantation after the implantation or tooth removal. It is installed using universal or hand prosthetic insertion driver. For standard platform (2.1 mm). Prosthetic screw in each set.

**Wide platform**

<table>
<thead>
<tr>
<th>WIDTH 1</th>
<th>4.5 mm</th>
<th>4.5 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>WIDTH 2</td>
<td>6.0 mm</td>
<td>6.0 mm</td>
</tr>
<tr>
<td>LENGTH</td>
<td>4.5 mm</td>
<td>6.35 mm</td>
</tr>
<tr>
<td>LENGTH 1</td>
<td>2.25 mm</td>
<td>4.0 mm</td>
</tr>
</tbody>
</table>

Anatomic design. Formation of constant anatomic gingival volume. Identical to natural premolar form. No need for soft tissue transplantation after the implantation or tooth removal. It is installed using universal or hand prosthetic insertion driver. For wide platform (2.5 mm). Prosthetic screw in each set.
HEALING CAPS, MOLAR TYPE

Standard platform

<table>
<thead>
<tr>
<th>Width 1</th>
<th>6.0 mm</th>
<th>6.0 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width 2</td>
<td>7.0 mm</td>
<td>7.0 mm</td>
</tr>
<tr>
<td>Length</td>
<td>4.1 mm</td>
<td>5.95 mm</td>
</tr>
<tr>
<td>Length 1</td>
<td>2.25 mm</td>
<td>4.0 mm</td>
</tr>
</tbody>
</table>

Anatomic design. Formation of constant anatomic gingival volume. Identical to natural molar form. No need for soft tissue transplantation after the implantation or tooth removal. It is installed using universal or hand prosthetic insertion driver. For standard platform (2.1 mm). Prosthetic screw in each set.

Wide platform

<table>
<thead>
<tr>
<th>Width 1</th>
<th>6.0 mm</th>
<th>6.0 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width 2</td>
<td>7.0 mm</td>
<td>7.0 mm</td>
</tr>
<tr>
<td>Length</td>
<td>4.5 mm</td>
<td>6.35 mm</td>
</tr>
<tr>
<td>Length 1</td>
<td>2.25 mm</td>
<td>4.0 mm</td>
</tr>
</tbody>
</table>

Anatomic design. Formation of constant anatomic gingival volume. Identical to natural molar form. No need for soft tissue transplantation after the implantation or tooth removal. It is installed using universal or hand prosthetic insertion driver. For wide platform (2.5 mm). Prosthetic screw in each set.

MATERIAL: Titanium Grade 5
STRAIGHT ABUTMENTS, INCISOR TYPE

**Standard platform**

- **INTERNAL HEX**: 2.1
- **Width 1**: 5.0 mm, 5.0 mm
- **Width 2**: 6.0 mm, 6.0 mm
- **Length**: 10.0 mm, 11.85 mm
- **Length 1**: 2.7 mm, 4.5 mm

Biological construction identical to natural incisor form. Wide range of shapes, heights and shoulders. Scalloped edges comply with the contour of gingival margin. It is installed using universal or hand prosthetic insertion driver.

For standard platform (2.1 mm). Prosthetic screw in each set.

**Wide platform**

- **INTERNAL HEX**: 2.5
- **Width 1**: 4.5 mm, 4.5 mm
- **Width 2**: 6.0 mm, 6.0 mm
- **Length**: 10.40 mm, 11.85 mm
- **Length 1**: 3.10 mm, 5.0 mm

Biological construction identical to natural incisor form. Wide range of shapes, heights and shoulders. Scalloped edges comply with the contour of gingival margin. It is installed using universal or hand prosthetic insertion driver.

For wide platform (2.5 mm). Prosthetic screw in each set.

**MATERIAL** Titanium Grade 5
STRAIGHT ABUTMENTS, CANINE TYPE

**Standard platform**

<table>
<thead>
<tr>
<th>WIDTH 1</th>
<th>5.0 mm</th>
<th>5.0 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>WIDTH 2</td>
<td>6.5 mm</td>
<td>6.5 mm</td>
</tr>
<tr>
<td>LENGTH</td>
<td>10.4 mm</td>
<td>12.25 mm</td>
</tr>
<tr>
<td>LENGTH 1</td>
<td>2.7 mm</td>
<td>4.5 mm</td>
</tr>
</tbody>
</table>

Biological construction identical to natural canine form. Wide range of shapes, heights and shoulders. Scalloped edges comply with the contour of gingival margin. It is installed using universal or hand prosthetic insertion driver. For standard platform (2.1 mm). Prosthetic screw in each set.

**Wide platform**

<table>
<thead>
<tr>
<th>WIDTH 1</th>
<th>5.0 mm</th>
<th>5.0 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>WIDTH 2</td>
<td>6.5 mm</td>
<td>6.5 mm</td>
</tr>
<tr>
<td>LENGTH</td>
<td>10.80 mm</td>
<td>12.65 mm</td>
</tr>
<tr>
<td>LENGTH 1</td>
<td>3.10 mm</td>
<td>5.0 mm</td>
</tr>
</tbody>
</table>

Biological construction identical to natural canine form. Wide range of shapes, heights and shoulders. Scalloped edges comply with the contour of gingival margin. It is installed using universal or hand prosthetic insertion driver. For wide platform (2.5 mm). Prosthetic screw in each set.
STRAIGHT ABUTMENTS, PREMOLAR TYPE

**Standard platform**

<table>
<thead>
<tr>
<th></th>
<th>GAPS 9.0</th>
<th>GAPS 10.5</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WIDTH 1</strong></td>
<td>4.5 mm</td>
<td>4.5 mm</td>
</tr>
<tr>
<td><strong>WIDTH 2</strong></td>
<td>6.0 mm</td>
<td>6.0 mm</td>
</tr>
<tr>
<td><strong>LENGTH</strong></td>
<td>10.4 mm</td>
<td>12.25 mm</td>
</tr>
<tr>
<td><strong>LENGTH 1</strong></td>
<td>2.7 mm</td>
<td>4.5 mm</td>
</tr>
</tbody>
</table>

Biological construction identical to natural premolar form. Wide range of shapes, heights and shoulders. Scalloped edges comply with the contour of gingival margin. It is installed using universal or hand prosthetic insertion driver.

For standard platform (2.1 mm). Prosthetic screw in each set.

**Wide platform**

<table>
<thead>
<tr>
<th></th>
<th>GAPB 9.0</th>
<th>GAPB 10.5</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WIDTH 1</strong></td>
<td>4.5 mm</td>
<td>4.5 mm</td>
</tr>
<tr>
<td><strong>WIDTH 2</strong></td>
<td>6.0 mm</td>
<td>6.0 mm</td>
</tr>
<tr>
<td><strong>LENGTH</strong></td>
<td>10.8 mm</td>
<td>12.65 mm</td>
</tr>
<tr>
<td><strong>LENGTH 1</strong></td>
<td>3.10 mm</td>
<td>5.0 mm</td>
</tr>
</tbody>
</table>

Biological construction identical to natural premolar form. Wide range of shapes, heights and shoulders. Scalloped edges comply with the contour of gingival margin. It is installed using universal or hand prosthetic insertion driver.

For wide platform (2.5 mm). Prosthetic screw in each set.

**MATERIAL** Titanium Grade 5
STRAIGHT ABUTMENTS, MOLAR TYPE

Standard platform

| WIDTH 1 | 6.0 mm | 6.0 mm |
| WIDTH 2 | 7.0 mm | 7.0 mm |
| LENGTH | 9.0 mm | 10.85 mm |
| LENGTH 1 | 2.7 mm | 4.5 mm |

Biological construction identical to natural molar form. Wide range of shapes, heights and shoulders. Scalloped edges comply with the contour of gingival margin. It is installed using universal or hand prosthetic insertion driver.

For standard platform (2.1 mm). Prosthetic screw in each set.

Wide platform

| WIDTH 1 | 6.0 mm | 6.0 mm |
| WIDTH 2 | 7.0 mm | 7.0 mm |
| LENGTH | 9.40 mm | 11.25 mm |
| LENGTH 1 | 3.10 mm | 5.0 mm |

Biological construction identical to natural molar form. Wide range of shapes, heights and shoulders. Scalloped edges comply with the contour of gingival margin. It is installed using universal or hand prosthetic insertion driver.

For wide platform (2.5 mm). Prosthetic screw in each set.

MATERIAL Titanium Grade 5
Angulated anatomic abutment, incisor type is recommended in case when the implants are installed at 15° or 25° angle. It is installed using universal or hand prosthetic insertion driver. For wide platform (2.5 mm). Prosthetic screw in each set.

**Standard platform**

<table>
<thead>
<tr>
<th>Width 1</th>
<th>Width 2</th>
<th>Length</th>
<th>Length 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.0 mm</td>
<td>6.0 mm</td>
<td>10.4 mm</td>
<td>2.7 mm</td>
</tr>
<tr>
<td>5.0 mm</td>
<td>6.0 mm</td>
<td>12.25 mm</td>
<td>4.5 mm</td>
</tr>
</tbody>
</table>

**Wide platform**

<table>
<thead>
<tr>
<th>Width 1</th>
<th>Width 2</th>
<th>Length</th>
<th>Length 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.0 mm</td>
<td>6.0 mm</td>
<td>10.80 mm</td>
<td>3.1 mm</td>
</tr>
<tr>
<td>5.0 mm</td>
<td>6.0 mm</td>
<td>12.65 mm</td>
<td>5.0 mm</td>
</tr>
</tbody>
</table>
Angulated anatomic abutment, canine type is recommended in case when the implants are installed at 15° or 25° angle. It is installed using universal or hand prosthetic insertion driver. For standard platform (2.1 mm). Prosthetic screw in each set.

**MATERIAL** Titanium Grade 5

**Standard platform**

<table>
<thead>
<tr>
<th>Width 1</th>
<th>Width 2</th>
<th>Length</th>
<th>Length 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.0 mm</td>
<td>6.5 mm</td>
<td>11.0 mm</td>
<td>2.7 mm</td>
</tr>
<tr>
<td>5.0 mm</td>
<td>6.5 mm</td>
<td>12.85 mm</td>
<td>4.5 mm</td>
</tr>
</tbody>
</table>

Angulated anatomic abutment, canine type is recommended in case when the implants are installed at 15° or 25° angle. It is installed using universal or hand prosthetic insertion driver. For wide platform (2.5 mm). Prosthetic screw in each set.

**MATERIAL** Titanium Grade 5

**Wide platform**

<table>
<thead>
<tr>
<th>Width 1</th>
<th>Width 2</th>
<th>Length</th>
<th>Length 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.0 mm</td>
<td>6.5 mm</td>
<td>11.4 mm</td>
<td>3.10 mm</td>
</tr>
<tr>
<td>5.0 mm</td>
<td>6.5 mm</td>
<td>13.25 mm</td>
<td>5.0 mm</td>
</tr>
</tbody>
</table>
Angulated anatomic abutment, premolar type is recommended in case when the implants are installed at 15° or 25° angle.

It is installed using universal or hand prosthetic insertion driver. For standard platform (2.1 mm).

Each abutment set includes:

- Standard platform
  - INTERNAL HEX 2.1
  - Prosthetic screw

- Wide platform
  - INTERNAL HEX 2.5
  - Prosthetic screw

**Material**
- Titanium Grade 5
ANGULATED ABUTMENTS MOLAR TYPE 15° / 25°

**Standard platform**

- **INTERNAL HEX** 2.1
- **MATERIAL** Titanium Grade 5
- **EAMS 15°**
  - **EAMS 15/8.0**
  - **EAMS 15/9.0**

- **EAMS 25°**
  - **EAMS 25/8.0**
  - **EAMS 25/9.0**

**Each abutment set includes:**
- **PROSTHETIC SCREW**

| WIDTH 1 | 6.0 mm | 6.0 mm | 6.0 mm | 6.0 mm |
| WIDTH 2 | 7.0 mm | 7.0 mm | 7.0 mm | 7.0 mm |
| LENGTH  | 9.6 mm | 11.45 mm | 9.6 mm | 11.45 mm |
| LENGTH 1| 2.7 mm | 4.5 mm | 2.7 mm | 4.5 mm |

Angulated anatomic abutment, molar type is recommended in case when the implants are installed at 15° or 25° angle. It is installed using universal or hand prosthetic insertion driver. For standard platform (2.1 mm). Prosthetic screw in each set.

**Wide platform**

- **INTERNAL HEX** 2.5
- **MATERIAL** Titanium Grade 5
- **EAMB 15°**
  - **EAMB 15/8.0**
  - **EAMB 15/9.0**

- **EAMB 25°**
  - **EAMB 25/8.0**
  - **EAMB 25/9.0**

| WIDTH 1 | 6.0 mm | 6.0 mm | 6.0 mm | 6.0 mm |
| WIDTH 2 | 7.0 mm | 7.0 mm | 7.0 mm | 7.0 mm |
| LENGTH  | 10.0 mm | 11.85 mm | 10.0 mm | 11.85 mm |
| LENGTH 1| 3.10 mm | 5.0 mm | 3.10 mm | 5.0 mm |

Angulated anatomic abutment, molar type is recommended in case when the implants are installed at 15° or 25° angle. It is installed using universal or hand prosthetic insertion driver. For wide platform (2.5 mm). Prosthetic screw in each set.
Bio3 SURGICAL KIT

For a quick and easy dental surgery

Bio3 Implants Surgical Kit is packed in carton box.

STANDARD PLATFORM

WIDE PLATFORM

Bio3 surgical kit is designed for a quick and easy installation of implants of two types.

All instruments in the kit are made of surgical steel.

NOTE: Our drill 2.8 and stoppers 2.0 - 2.8 change color and go from red to black. During the transition period, we will deliver the red and black products to you, up to complete modification of the range.
## COMPONENTS OF THE SURGICAL KIT

### SURGICAL DRILLS

The conical surgical drills without internal cooling of various diameters with diamond type coating for bone cavity formation.

<table>
<thead>
<tr>
<th>PRODUCT CODE</th>
<th>TCB</th>
<th>1.5</th>
<th>2.0</th>
<th>TCS</th>
<th>2.8</th>
<th>3.0</th>
<th>3.5</th>
<th>3.9</th>
<th>4.7</th>
</tr>
</thead>
</table>

### DRILL STOPPERS

Stoppers for drills diameter – 2.0 and 2.8 for drilling depth limitation.

<table>
<thead>
<tr>
<th>PRODUCT CODE</th>
<th>LB2.8</th>
<th>8</th>
<th>10</th>
<th>11.5</th>
<th>12</th>
</tr>
</thead>
</table>

### SUPPORTING INSTRUMENTS

1. Profile drills
2. Drill extension
3. Parallel pin x 2 for socket direction and depth identification
4. Implant driver adapter
5. Adapter-implant drivers for range ratchet

### INSTRUMENTS

6. Universal screwdriver for screws 9 mm and 18 mm for prosthetic screws, abutments, healing caps and implant plugs
7. Implant drivers 9 mm and 18 mm
8. Depth gauge
9. Range ratchet
10. Torque wrench adaptor, force 10/45H *Option is not included in the set

NOTE: Our drill 2.8 and stoppers 2.0 - 2.8 change color and go from red to black. During the transition period, we will deliver the red and black products to you, up to complete modification of the range.

MATERIAL: SURGICAL STEEL

PRODUCT CODE

8 10 11.5 13/LB2.8/GBDP

SU9 SU18 IS9 IS18 IB9 IB18

P3.3 P3.8 P4.2 P5.0 PE PPL2.8 IT59 ITB9 IT518 ITB18 AD

GBDP HR SK10/45
Bio3 GUIDE SURGICAL KIT

Kits

Bio3 IMPLANTS

Premium Dental Implants

Guide Surgical Kit

GSK
COMPONENTS OF THE SURGICAL GUIDE KIT

DRILLS

MOUNTER PLATFORM

MOUNT DRIVERS

RATCHET ADAPTOR

TISSUE PUNCH

BONE MILL

UNIVERSAL SCREWDRIVER
FOR SCREWS
9 mm and 18 mm

PRODUCT CODE

COMPONENTS OF THE SURGICAL GUIDE KIT

MOUNT DRIVERS

RATCHET ADAPTOR

TISSUE PUNCH

BONE MILL

DRILLS
INSTRUMENTS

- Retrieval screw
- Range ratchet
- Torque wrench adaptor, force 10/45H
- Depth gauge
- Drill Guide D5 mm
- Drill Guide D5 mm, h3.5
- Drill guide is placed inside the prepared surgical guide and is intended for guiding of the surgical drills and implant placement.
- Drill Guide D5 mm, h3.5
- Guide Bush D2.0 mm
- Adapter-implant driver for range ratchet

IMPLANT DRIVERS

<table>
<thead>
<tr>
<th>STANDART PLATFORM</th>
<th>WIDE PLATFORM</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIAMETER</td>
<td>LENGTH</td>
</tr>
<tr>
<td>2.1 mm</td>
<td>9 mm</td>
</tr>
<tr>
<td>2.1 mm</td>
<td>18 mm</td>
</tr>
<tr>
<td>2.5 mm</td>
<td>9 mm</td>
</tr>
<tr>
<td>2.5 mm</td>
<td>18 mm</td>
</tr>
</tbody>
</table>

PRODUCT CODE

- IS9
- IS18
- IB9
- IB18

IMPLANT DRIVER ADAPTERS

<table>
<thead>
<tr>
<th>STANDART PLATFORM</th>
<th>WIDE PLATFORM</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIAMETER</td>
<td>LENGTH</td>
</tr>
<tr>
<td>2.1 mm</td>
<td>9 mm</td>
</tr>
<tr>
<td>2.1 mm</td>
<td>18 mm</td>
</tr>
<tr>
<td>2.5 mm</td>
<td>9 mm</td>
</tr>
<tr>
<td>2.5 mm</td>
<td>18 mm</td>
</tr>
</tbody>
</table>

PRODUCT CODE

- ITS9
- ITS18
- ITB9
- ITB18

It is used for implant installation with handpiece – 9 mm and 18 mm
MATERIAL Surgical steel

Adapter-implant driver for range ratchet

MATERIAL Surgical steel

Adapter-implant driver for range ratchet

MATERIAL Surgical steel
**SToppers For Pilot Drills**

**Diameter 2.8 mm**
Stoppers for cylinder pilot drills, diameter 2.0 and 2.8 mm

**Diameter 3.0-4.7 mm**
Stoppers for drill TCS 3.0, 3.5, 3.9, 4.7, diameter 3.0-4.7 mm

<table>
<thead>
<tr>
<th>LB2.8/</th>
<th>8</th>
<th>10</th>
<th>11.5</th>
<th>13</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATERIAL</td>
<td>Surgical steel</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** Our drill 2.8 and stoppers 2.0 - 2.8 change color and go from red to black. During the transition period, we will deliver the red and black products to you, up to complete modification of the range.

---

**Surgical Tapered Drills**

**Diamond type coating**

- **Mark Drill**
- **Cylindrical Pilot Drills**
- **Tapered Drills**

**Tapered Drills**

Please note:
Cutting instruments with diamond-like coating should generally be replaced after 50 autoclaving. Blunt or damaged instruments must be replaced immediately.

Surgical tapered drills of various diameters without inner cooling for conical shape bone cavity formation when bone cavity shape ideally follows implant body shape.

<table>
<thead>
<tr>
<th>Diameter</th>
<th>TCS3.0</th>
<th>TCS3.5</th>
<th>TCS3.9</th>
<th>TCS4.7</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.0 mm</td>
<td>3.5 mm</td>
<td>3.9 mm</td>
<td>4.7 mm</td>
<td></td>
</tr>
</tbody>
</table>

**Wrenches for Suprastructures**

For both platforms

**SU9**
Universal wrench of various length, 9 mm and 18 mm for prosthetic screws, implant plugs and other accessories.

**SU18**

**MATERIAL:** Surgical steel

---

**SURGICAL Tapered Drills**

**MARK DRILL**
TCB1.5
1.5 mm

**CYLINDRICAL PILOT DRILLS**
TCB2.0
2.0 mm
TCS2.8
2.8 mm

**TAPERED DRILLS**

**MATERIAL:** Surgical steel

TCB1.5 1.5 mm
TCS3.0 3.0 mm
TCS3.5 3.5 mm
TCS3.9 3.9 mm
TCS4.7 4.7 mm
BONE TAPS FOR Bio3 ADVANCED IMPLANTS

Bio3 Advanced

Bone taps for Advanced implants. It is recommended to use them for I and II bone types. For range ratchet.

MATERIAL: Surgical steel

<table>
<thead>
<tr>
<th>PRODUCT CODE</th>
<th>DIAMETER</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>TS3.3</td>
<td>3.3 mm</td>
<td>13 mm</td>
</tr>
<tr>
<td>TS3.8</td>
<td>3.8 mm</td>
<td>13 mm</td>
</tr>
<tr>
<td>TS4.2</td>
<td>4.2 mm</td>
<td>13 mm</td>
</tr>
<tr>
<td>TS5.0</td>
<td>5.0 mm</td>
<td>13 mm</td>
</tr>
</tbody>
</table>
SPECIAL PROPOSAL

FOR DOCTOR Bio3 BONE, Bio3 PENGUIN

FOR PATIENT Bio3 VITAMIN, Bio3 IMPLANT CARE FOAM
MATERIAL FOR BONE REGENERATION Bio3 BONE

NATURAL OSTEOPLASTIC MATERIAL MADE OF HIGHLY PURIFIED BULL BONE

Bio3 BONE 500-1000 – possesses osteogenic properties and high biological compatibility with strongly marked hydrophilic properties. Due to a three-dimensional porous structure of hydroxapatite of biological origin (of trabecular and diaphysial tubular bone parts) it promotes angiogenesis, bone marrow stem cell migration as well as fast penetration of blood proteins into micropores which, in their turn, are temporary reservoirs for proteins assembly that precipitate their growth.

The natural osteoplastic material is made of highly purified bull bone.

Bio3 BONE is a safe, according to BSE, transplantation material from Germany which has no cell elements and protein at all. For Bio3 BONE production a technology of gradual multi-level cleaning of spongy and cortical bone tissue CTS is used together with high-temperature processing method. These production processes permit to remove all organic components from the material and exclude any potential immune reactions onset.

SYNTETICS BONE GRAFT

Bio3 BONE 500-1000 – it is a safe and secure material. Beta Bone homogeneous structure helps to form new bone tissue and ensures its long-term mechanical stability.

High osteoconductivity of Bio3 Beta Bone is achieved due to high porosity (80%) with a pore size of 200 to 800 µm and their interconnected structure. The high microporosity of Bio3 Beta Bone is an ideal framework for accelerating the growth of osteogenic cells and it optimally promotes the regeneration of bone tissue. This material is not less effective than materials derived from bovine bone. It is easy to use and it has good resorbability, retains volume and mechanical stability. Resorption process and material integration has 2 phases: during 3-6 months there is beta-tricalcium phosphate regeneration, and then hydroxyapatite integration.

Bull Bone

<table>
<thead>
<tr>
<th>DBL05</th>
<th>Bio3 Bone 500-1000 0.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>DBL10</td>
<td>Bio3 Bone 500-1000 1.0</td>
</tr>
<tr>
<td>DBL20</td>
<td>Bio3 Bone 500-1000 2.0</td>
</tr>
<tr>
<td>DBL50</td>
<td>Bio3 Bone 500-1000 5.0</td>
</tr>
</tbody>
</table>

SYNTETICS BONE GRAFT

<table>
<thead>
<tr>
<th>BB51005</th>
<th>Bio3 Bone Beta 500-1000 0.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>BB51010</td>
<td>Bio3 Bone Beta 500-1000 1.0</td>
</tr>
<tr>
<td>BB51020</td>
<td>Bio3 Bone Beta 500-1000 2.0</td>
</tr>
<tr>
<td>BB51050</td>
<td>Bio3 Bone Beta 500-1000 5.0</td>
</tr>
</tbody>
</table>
The ISQ scale is measured from 1 to 99 and correlates strongly to implant micro mobility. By taking a baseline value at implant placement and another before loading, the degree of osseointegration can be measured.

**PenguinRFA – Removes Doubt**

In today’s implant dentistry, the trend is to use short or no healing periods before loading. This places high demands on the clinical team. If conditions are not optimal, poor primary stability may increase the risk of implant failure. Penguin RFA provides accurate and objective measurements of implant stability, serving as a reliable support when taking decisions when to load.

Mount the MultiPeg™ onto the implant and the measurement is made in a second.

- **Monitor Osseointegration**
  - Reduce treatment time
  - Manage risk patients
  - For immediate and postponed loading

The RFA Technique

Resonance Frequency Analysis (RFA) was introduced in implant dentistry more than 20 years ago. A peg attached to an implant is excited and the vibration frequency is picked up by the instrument and presented as an ISQ (Implant Stability Quotient) value.
SPECIAL PROPOSAL FOR PATIENT
New and unique product by Bio3 Implants is a specially developed vitamin complex for better osseointegration.

**Bio3 VITAMIN COMPLEX**

**PRE Implantation Complex. Powder for oral solution.**

Source of calcium, phosphorus, zinc, magnesium, copper, and vitamins K2 and D in optimal for uptake ratio. Calcium and phosphorus are two main microelements, which are responsible for mineralization, integrity, and density of bones and teeth. Magnesium takes part in metabolism of bone tissue, prevents from bone demineralization, and suppresses calcium deposit on the walls of blood vessels, heart valves, muscles, urinary tracts. Zinc is a cofactor of more than 200 enzymes and it acts upon the process of bone tissue remodelling. Copper takes part in building of the most important proteins of conjunctive tissue – collagen and elastin, which create a matrix of bone and cartilaginous tissue. Manganese normalizes synthesis of glycosaminoglycans, which are essential for formation of the bone and cartilaginous tissue. Vitamin D3 facilitates normal calcium uptake by organism and strengthening of muscle and bone tissues. Vitamin K2 plays an important role in the process of building of bones. Therefore, this complex of minerals and vitamins has a formulation that is similar to formulation of human bone tissue. Due to specially designed and balanced formulation it ensures fast osseointegration and bone tissue restoration after dental implantation.

**Regenera Complex. Capsules.**

Source of collagen, glucosamine, propolis, chondroitin, hyaluronic acid and proline. It is a balanced combination of propolis and main components of organic matrix of bone tissue. Approximately 90% of organic matrix accounts for collagen. Along with mineral components collagen is the main factor determining mechanical properties of the bone. Distinction of bone tissue collagen is a large content of amino acid proline. In addition, the organic matrix contains glycosaminoglycans, chondroitin sulfate and hyaluronic acid. Such combination may be used to boost the immunity, for infection prophylaxis and improvement of wound healing process after dental implantation.

**Post Implant Complex. Capsules.**

Source of collagen, glucosamine, chondroitin, hyaluronic acid and proline. It is a complex of natural ingredients, which constitute the organic matrix of bone tissue in optimal ratio: collagen / glycosaminoglycans. Approximately 90% of organic matrix accounts for collagen. Along with mineral components collagen is a main factor determining mechanical properties of the bone. Distinction of bone tissue collagen is a large content of amino acid proline. In addition the organic matrix contains glycosaminoglycans, chondroitin sulfate and hyaluronic acid. Complex facilitates fast bone tissue restoration, it stimulates osseointegration process and improves short-term and long-term results of dental implantation.
Bio3 IMPLANT CARE FOAM

Bio3 Implants is a German globally known company that produces Premium class dental implants, as well as products for oral care after the implantation for our patients.

Bio3 Implants Research Institute is continuously working on new developments to offer our patients the best products and services in the field of dental implantology. For two years our experts have been conducting researches and as a result created a unique product for oral care after implantation – Bio3 IMPLANT CARE FOAM.

Recognized Bio3 IMPLANT CARE FOAM as the best care product in the world and strongly recommends it to the patients. The unique formula of Bio3 IMPLANT CARE FOAM accelerates gingival healing process, reduces the risk of edema and supports oral health after surgical implantation.

Studies have shown that in contrast to the use of other solutions, the use of Bio3 IMPLANT CARE FOAM during the first days after implantation shortens the bone-implant healing and prevents complications in the postoperative period. We do care about our patients’ health and always offer only qualitative implants and care products for it.