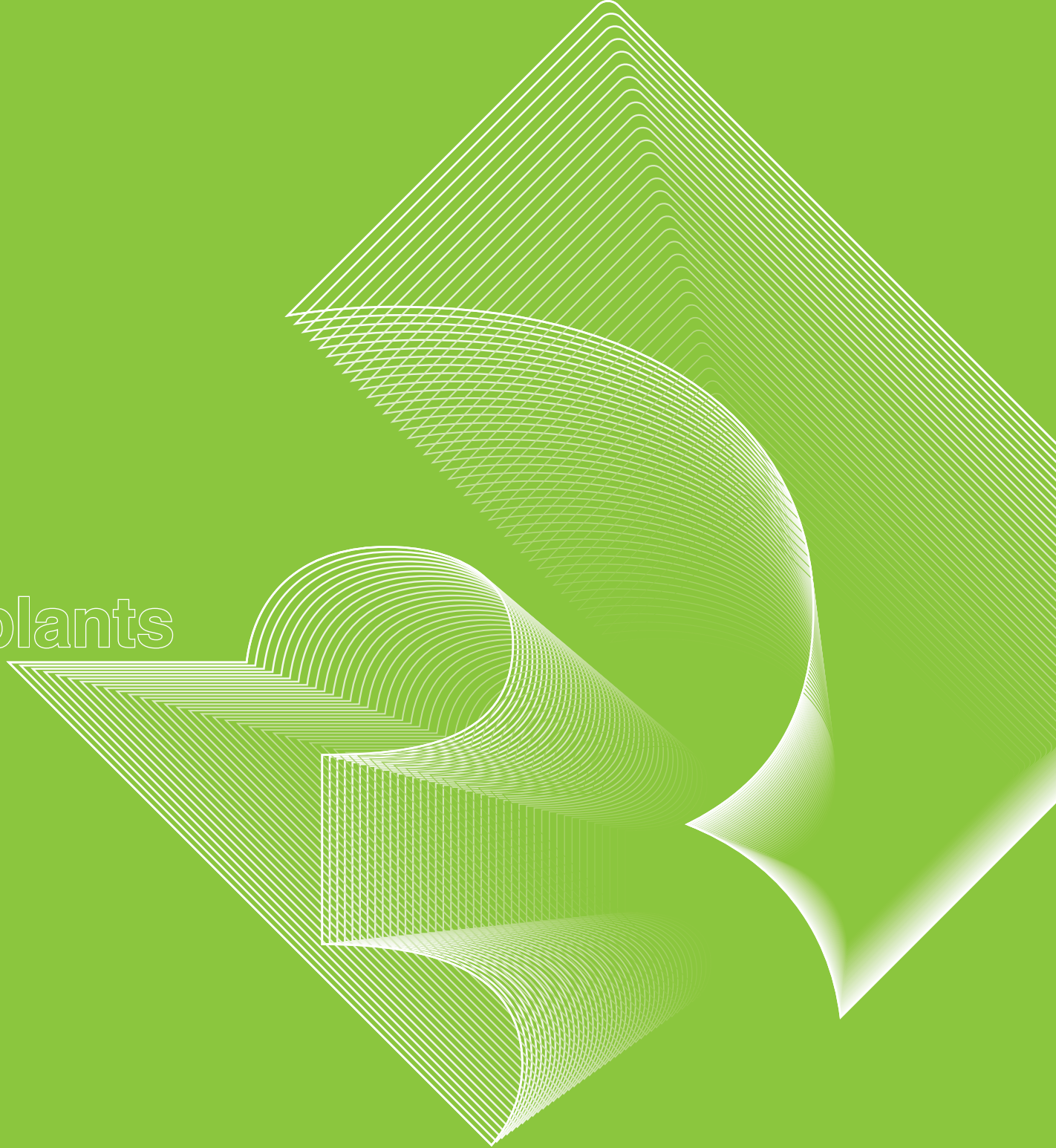




# PRODUCT CATALOG



# Bio3 Implants



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# OUR PRODUCTS

## MATERIAL FOR BONE REGENERATION BIO3 BONE



## Bio3 PENGUIN MONITOR OSSEOINTEGRATION



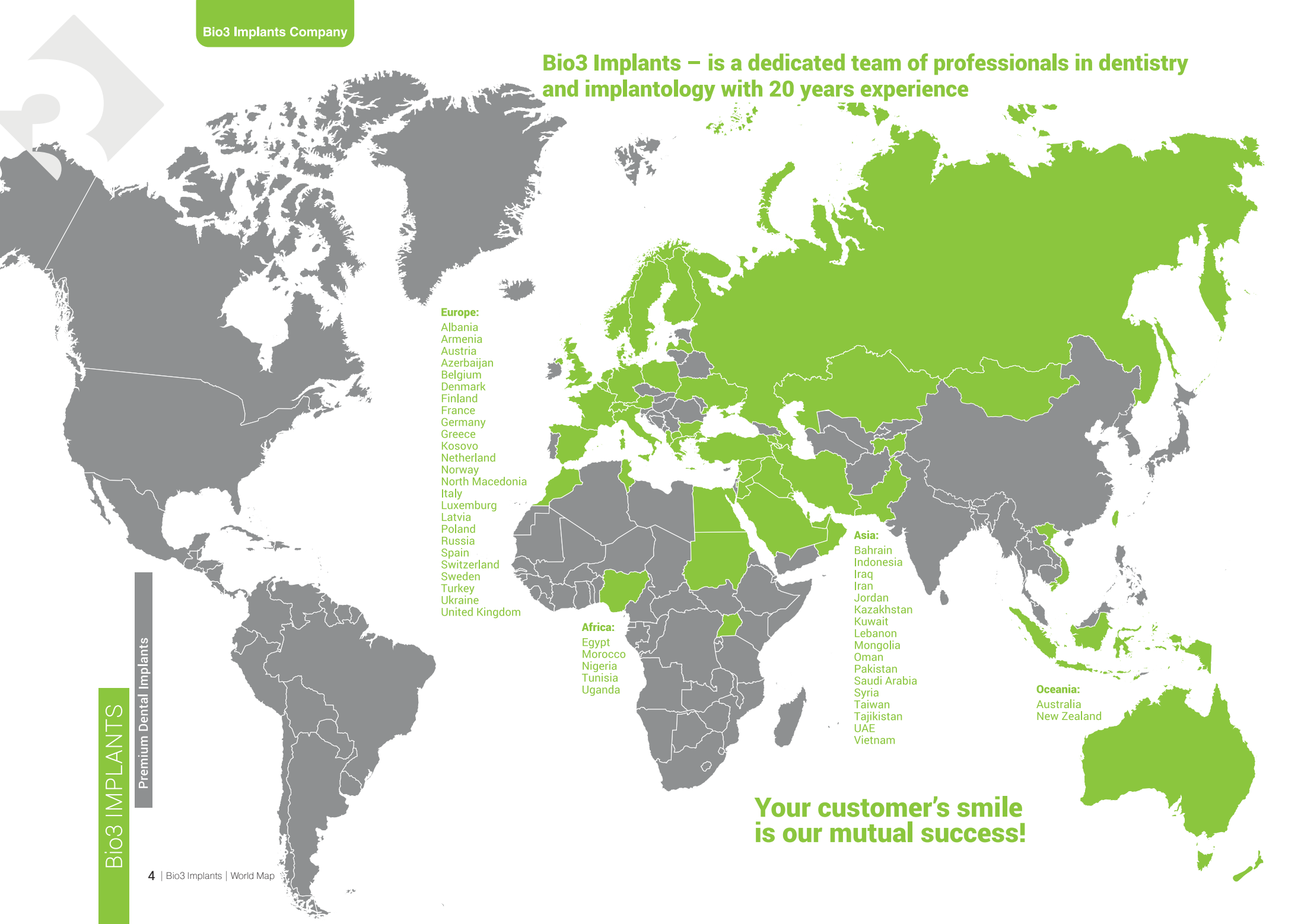
## Bio3 VITAMIN



## Bio3 IMPLANT CARE FOAM



**Bio3 Implants – is a dedicated team of professionals in dentistry and implantology with 20 years experience**



**Europe:**

- Albania
- Armenia
- Austria
- Azerbaijan
- Belgium
- Denmark
- Finland
- France
- Germany
- Greece
- Kosovo
- Netherlands
- Norway
- North Macedonia
- Italy
- Luxembourg
- Latvia
- Poland
- Russia
- Spain
- Switzerland
- Sweden
- Turkey
- Ukraine
- United Kingdom

**Africa:**

- Egypt
- Morocco
- Nigeria
- Tunisia
- Uganda

**Asia:**

- Bahrain
- Indonesia
- Iraq
- Iran
- Jordan
- Kazakhstan
- Kuwait
- Lebanon
- Mongolia
- Oman
- Pakistan
- Saudi Arabia
- Syria
- Taiwan
- Tajikistan
- UAE
- Vietnam

**Oceania:**

- Australia
- New Zealand

Bio3 IMPLANTS

Premium Dental Implants

**Your customer's smile is our mutual success!**

# Bio3 IMPLANTS CONNECTION

Premium Tapered Implants Range

## BIO3 TAPERED IMPLANT SYSTEM PROVIDES AN IDEALLY TIGHT CONNECTION BETWEEN THE IMPLANT AND THE ABUTMENT

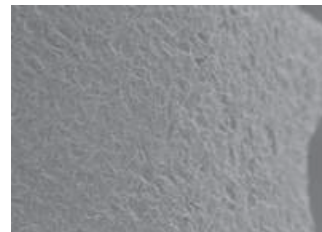
Researches show that sand-blasted and acid-etched surface stimulates bone tissue growth throughout the entire implant body, which provides high mechanical stability and osseointegration in much shorter terms. These unique properties allow to perform orthopedic rehabilitation at an earlier stage and reduce the risk in the process of implant placement under one-stage protocol.

Bio3 Conical Connection

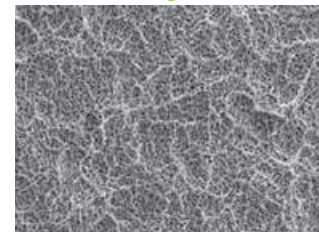


## Bio3 IMPLANTS SURFACE

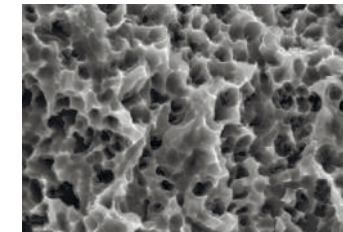
1800 magnification



3000 magnification



5000 magnification



The surface of an implant is formed by a coarse sandblasting with corundum particles, leading to a macro-roughness of the Titanium surface. Further it is etched with acid to get micro-roughness. As a result, micro-fractures of 2-4 microns are formed, and the processed area acquires an ideal surface relief for cells engraftment. This surface is not microporous, therefore it provides space for tissue inclusion, which reduces bacteria growth.

Bio3 Implants surface has been developed to achieve a high percentage of bone-to-implant contact.

# Bio3 IMPLANTS COMPANY

## Premium Tapered Implants Range

Bio3 IMPLANTS

**Bio3 Implants is the synergy of the best achievements of the German dentistry school and innovative global developments.**

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
- Bio3 SLA surface
- Customers support 24/7
- Life-time warranty

### 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** 2797.

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.

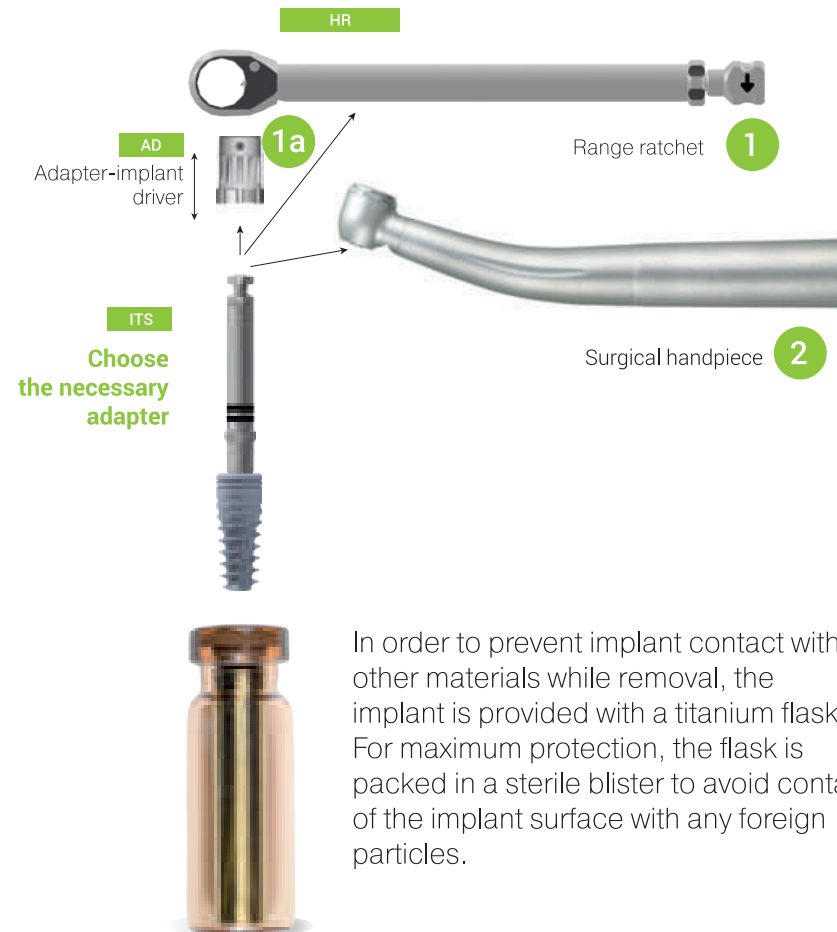
*Our mission is to help our clients every day by offering them reliability, aesthetics and patient's beautiful smile.*

Your customer's smile is our mutual success! We speak the same language with you!



# MANUAL SURGICAL GUIDE

## Extraction of the implant from a titanium sleeve



In order to prevent implant contact with other materials while removal, the implant is provided with a titanium flask. For maximum protection, the flask is packed in a sterile blister to avoid contact of the implant surface with any foreign particles.

- Hesteller
- Artikelnummer
- Chargencode
- Verwendbar bis
- CE-Kennzeichnung
- Sterilisiert durch Bestrahlung
- Gemäß US Bundesgesetz darf dieses Produkt in den USA nur an ausgebildete Mediziner oder in deren Auftrag verkauft werden





**Bio3 IMPLANT  
PROGRESSIVE**



# 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

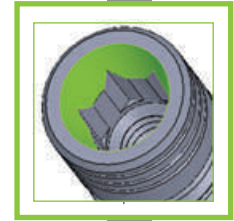
- Spiral-shaped implant with aggressive thread was developed for a better primary stability, therefore it is recommended to be used in II, III and IV bone tissue types.
- Conical implant body perfectly complies with the drill shape for more precision bone fitting.
- Implant body tapering ensures better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

## SURFACE

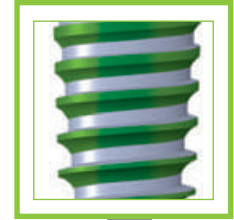
The surface of Bio3 implants is achieved by sandblasting and acid etching according to the latest quality norms and regulations.

## 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.



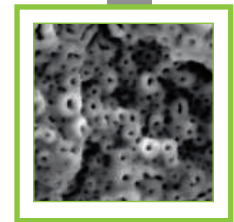
CONICAL CONNECTION



THREAD



GEOMETRY



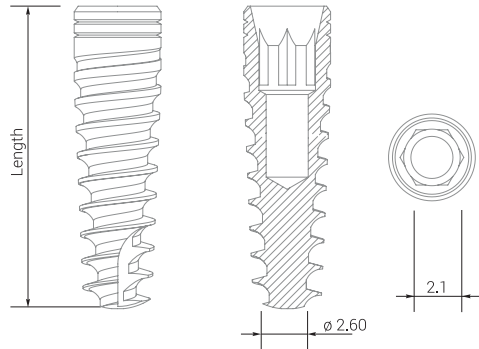
Bio3 IMPLANTS SURFACE



APICAL PART

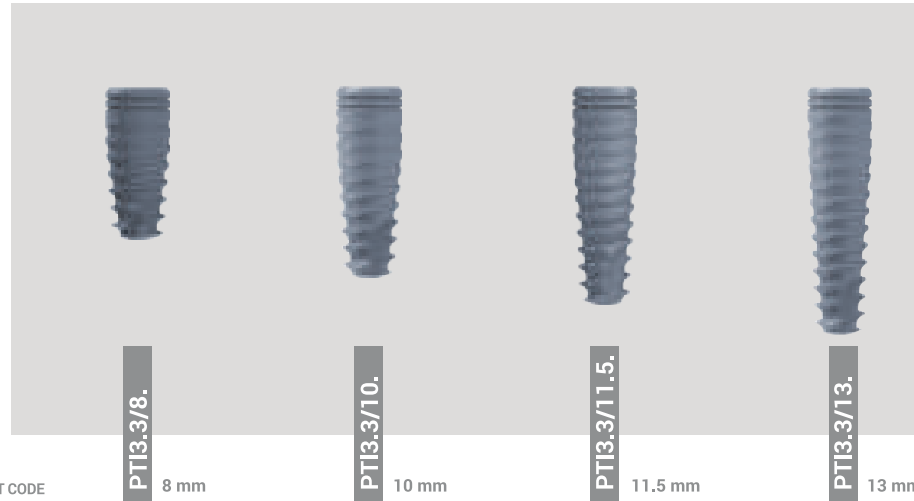
# Bio3 IMPLANT PROGRESSIVE

Standard platform



**ATTENTION!**

It is used for installation incisors.



PRODUCT CODE

PTI3.3/8.

8 mm

PTI3.3/10.

10 mm

PTI3.3/11.5.

11.5 mm

PTI3.3/13.

13 mm

**STANDARD  
PLATFORM**

DIAMETER  
**3.3**  
INTERNAL HEX  
**2.1**

TITANIUM COVER SCREW 2.1



is included in each implant set

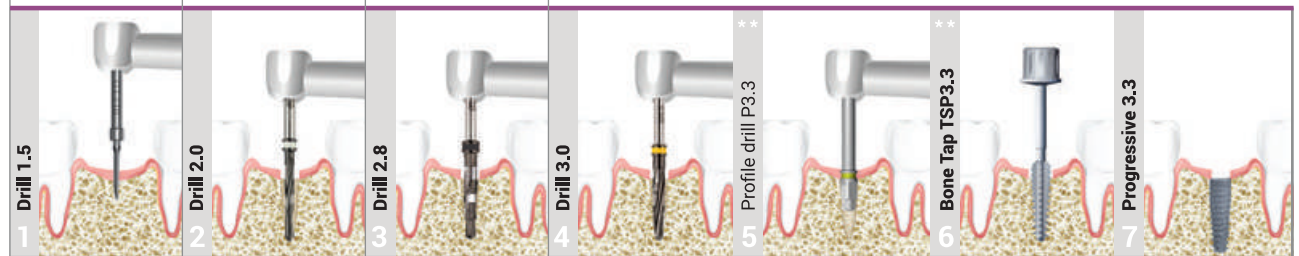
**PROGRESSIVE IMPLANT**

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.

RECOMMENDED DRILLING SPEED

D1	800-1200	D1	800-1000	D1	600-800	D1	500-700
D2	800-1200	D2	800-1000	D2	600-800	D2	600-800
D3	800-1000	D3	700-900	D3	500-600	D3	500-600
D4	800-1000	D4	600-800	D4	400-500	D4	400-500



Implantation Protocol.\*

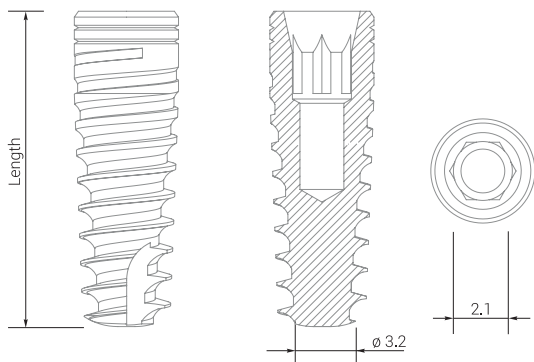
\* The Protocol does not replace an appropriate training.

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

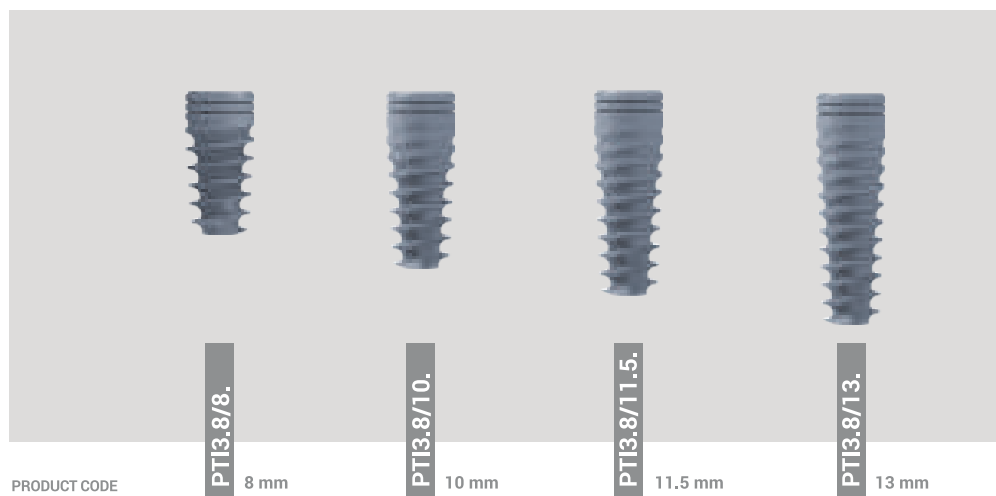
Our drill 2.8 change color and go from red to black. During the transition period, we will deliver the red and black products to you, up to complete modification of the range.

# Bio3 IMPLANT PROGRESSIVE

Standard platform



**ATTENTION!**  
It is used for installation incisors.



**STANDARD PLATFORM**

DIAMETER  
**3.8**  
INTERNAL HEX  
**2.1**

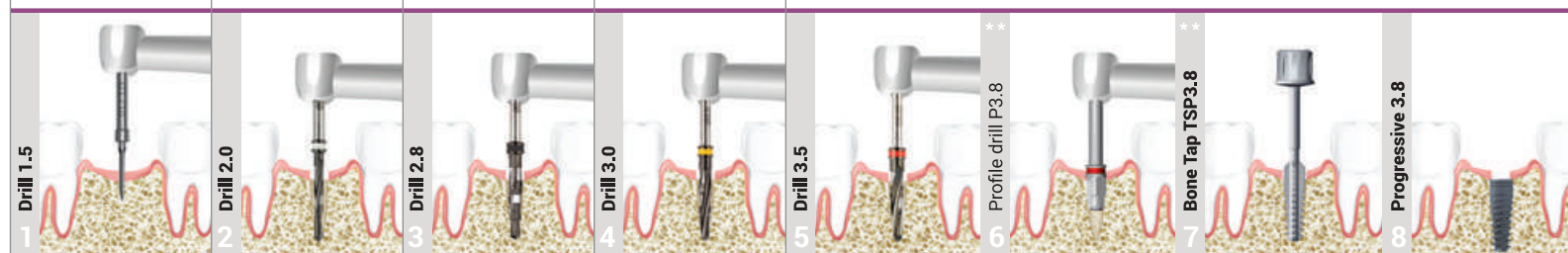
TITANIUM COVER SCREW 2.1



is included in each implant set

RECOMMENDED DRILLING SPEED

D1	800-1200	D1	800-1000	D1	600-800	D1	500-700	D1	500-700
D2	800-1200	D2	800-1000	D2	600-800	D2	600-800	D2	600-800
D3	800-1000	D3	700-900	D3	500-600	D3	500-600	D3	500-600
D4	800-1000	D4	600-800	D4	400-500	D4	400-500	D4	400-500



Implantation Protocol.\*

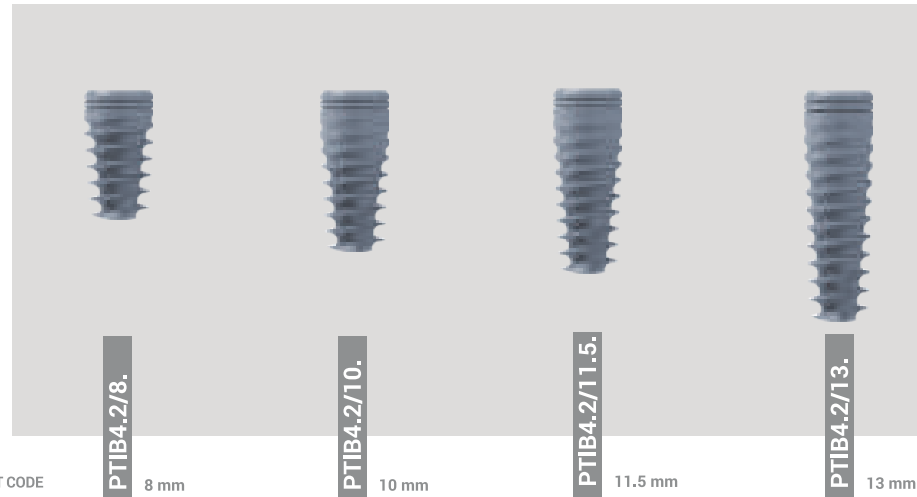
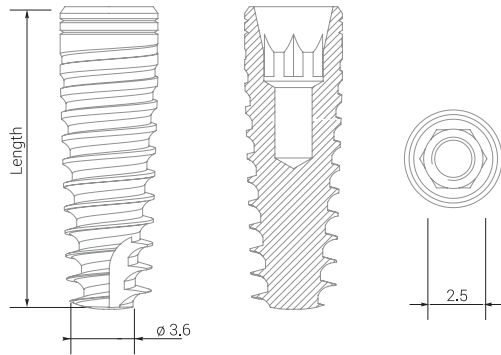
\* The Protocol does not replace an appropriate training.

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

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# Bio3 IMPLANT PROGRESSIVE

Wide platform



DIAMETER  
**4.2**  
INTERNAL HEX  
**2.5**

**WIDE PLATFORM**

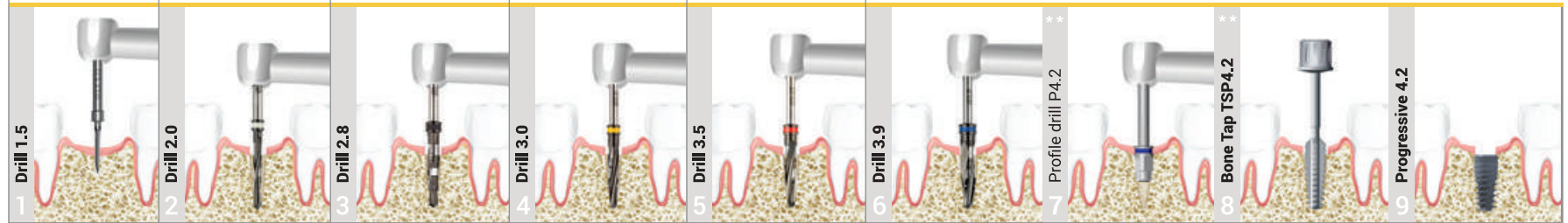
TITANIUM COVER SCREW 2.5



is included in each implant set

RECOMMENDED DRILLING SPEED

D1 800-1200	D1 800-1000	D1 600-800	D1 500-700	D1 500-700	D1 400-600
D2 800-1200	D2 800-1000	D2 600-800	D2 600-800	D2 600-800	D2 500-700
D3 800-1000	D3 700-900	D3 500-600	D3 500-600	D3 500-600	D3 500-600
D4 800-1000	D4 600-800	D4 400-500	D4 400-500	D4 400-500	D4 400-500



Implantation Protocol.\*

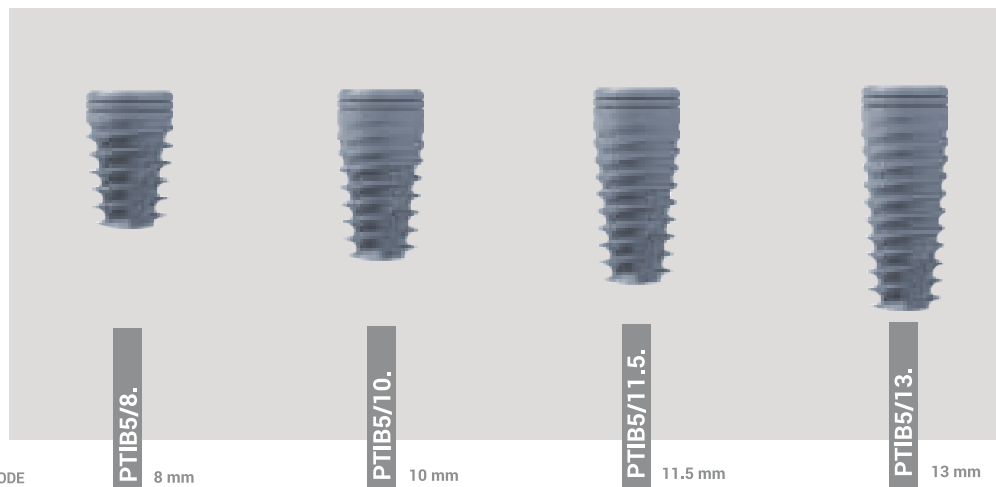
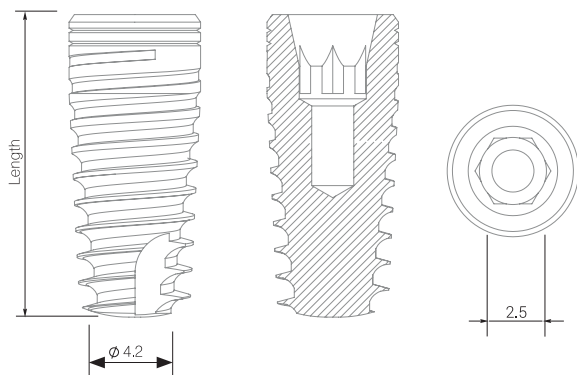
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# Bio3 IMPLANT PROGRESSIVE

Wide platform



DIAMETER  
**5.0**  
INTERNAL HEX  
**2.5**

**WIDE  
PLATFORM**

PRODUCT CODE

**PTIB5/8.**

8 mm

**PTIB5/10.**

10 mm

**PTIB5/11.5.**

11.5 mm

**PTIB5/13.**

13 mm

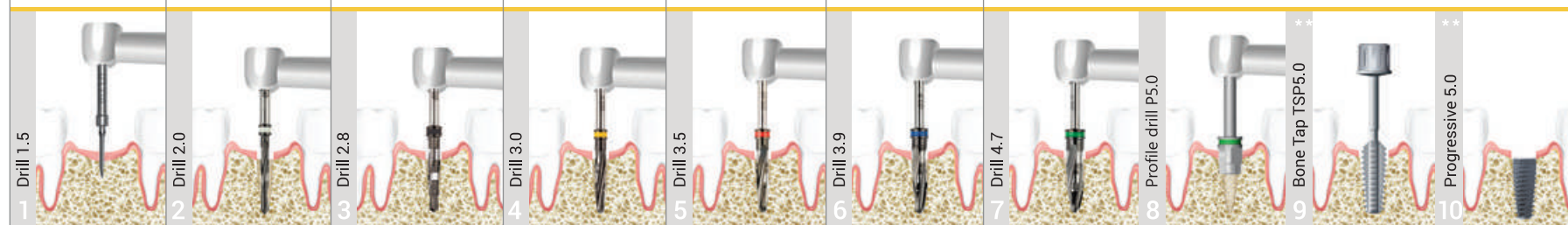
**TITANIUM COVER SCREW 2.5**



is included in each implant set

RECOMMENDED DRILLING SPEED

D1	800-1200	D1	800-1000	D1	600-800	D1	500-700	D1	500-700	D1	400-600	D1	400-600
D2	800-1200	D2	800-1000	D2	600-800	D2	600-800	D2	600-800	D2	500-700	D2	400-700
D3	800-1000	D3	700-900	D3	500-600	D3	500-600	D3	500-600	D3	500-600	D3	500-600
D4	800-1000	D4	600-800	D4	400-500	D4	400-500	D4	400-500	D4	400-500	D4	400-500



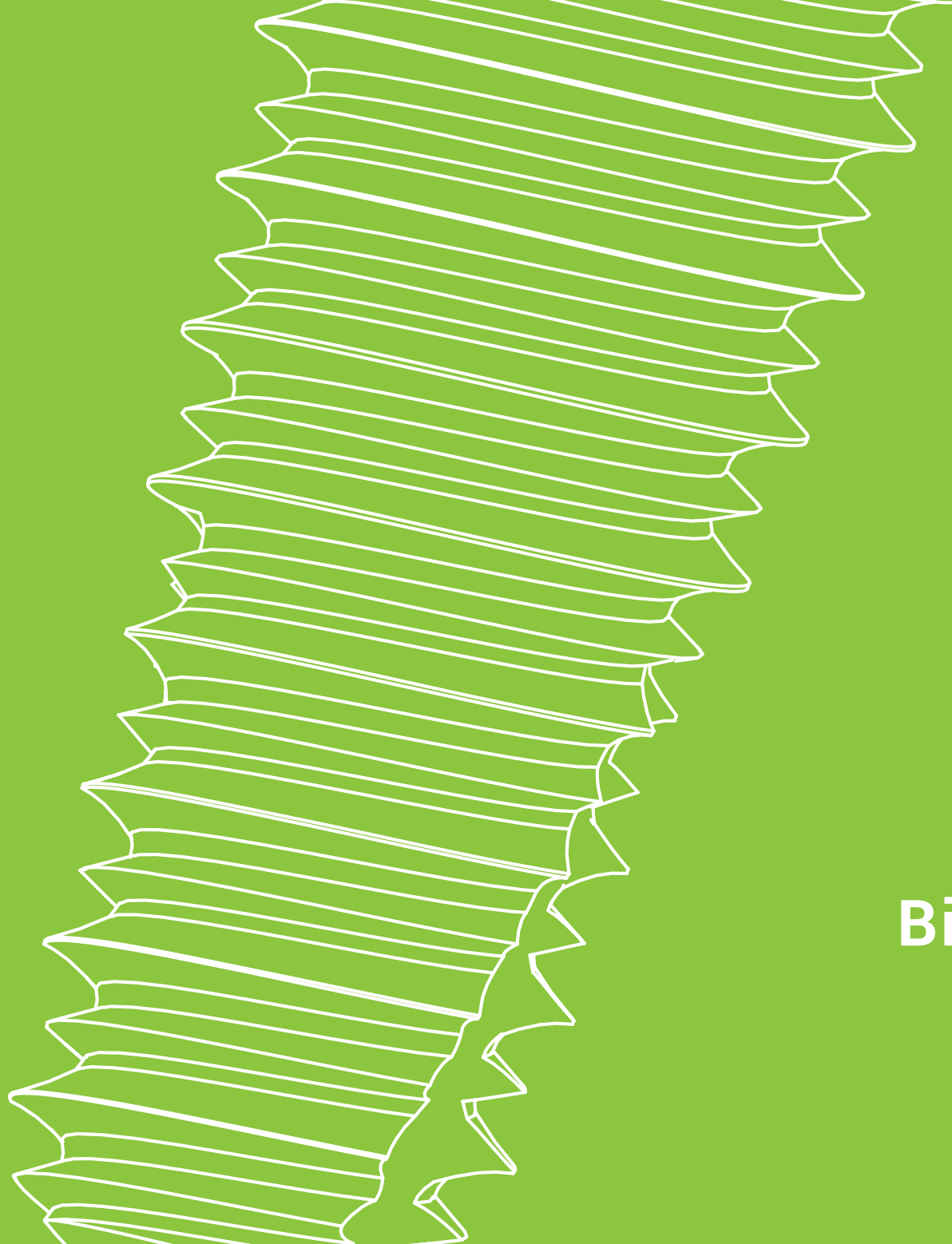
Implantation Protocol.\*

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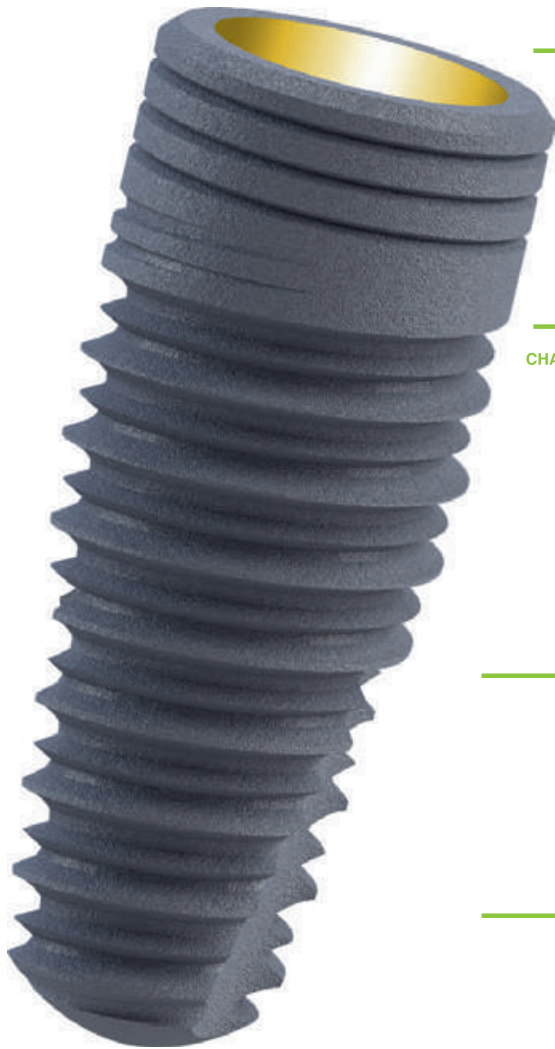




**Bio3 IMPLANT  
ADVANCED**

# 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.

## 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

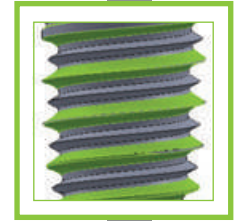
The surface of Bio3 implants is achieved by sandblasting and acid etching according to the latest quality norms and regulations.

## 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.



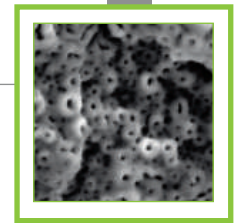
CONICAL CONNECTION



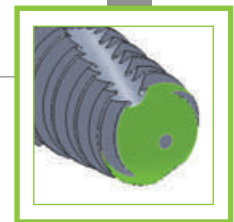
THREAD



GEOMETRY



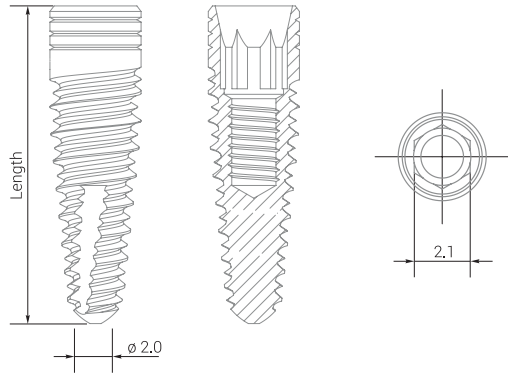
Bio3 IMPLANTS SURFACE



APICAL PART

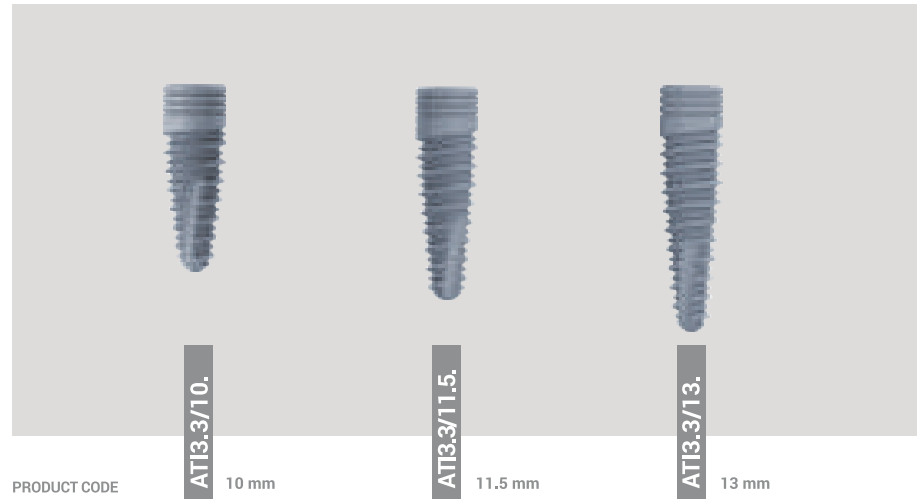
# Bio3 IMPLANT ADVANCED

Standard platform



**ATTENTION!**

It is used for installation incisors.



**STANDARD PLATFORM**

DIAMETER **3.3**  
INTERNAL HEX **2.1**

**TITANIUM COVER SCREW 2.1**



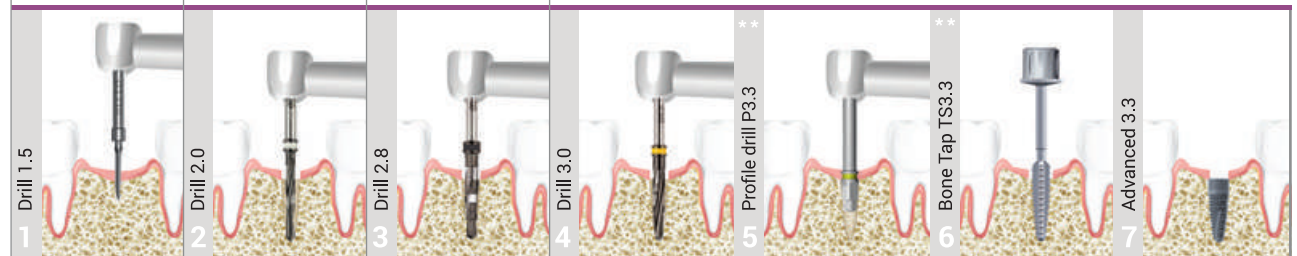
is included in each implant set

**ADVANCED IMPLANT**

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.

RECOMMENDED DRILLING SPEED

D1 800-1200	D1 800-1000	D1 600-800	D1 500-700
D2 800-1200	D2 800-1000	D2 600-800	D2 600-800
D3 800-1000	D3 700-900	D3 500-600	D3 500-600
D4 800-1000	D4 600-800	D4 400-500	D4 400-500



Implantation Protocol.\*

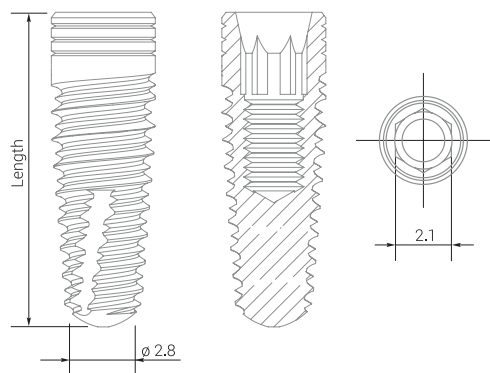
\* The Protocol does not replace an appropriate training.

\*\* 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.

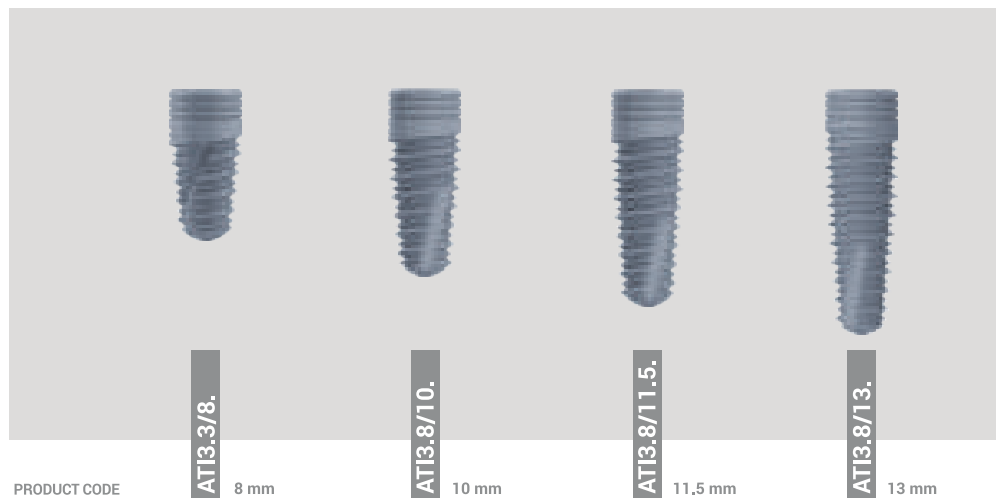
# Bio3 IMPLANT ADVANCED

## Standard platform



### ATTENTION!

It is used for installation incisors.



PRODUCT CODE      **AT13.8/8**      8 mm      **AT13.8/10**      10 mm      **AT13.8/11.5**      11.5 mm      **AT13.8/13**      13 mm

DIAMETER  
**3.8**

INTERNAL HEX  
**2.1**

**STANDARD PLATFORM**

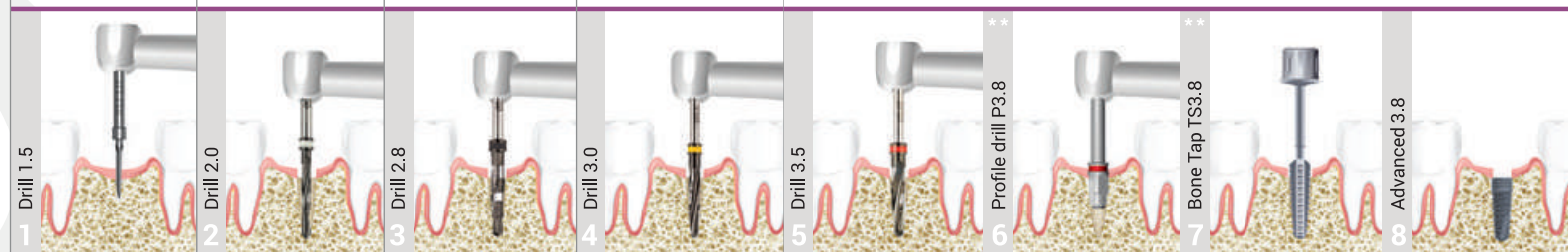
TITANIUM COVER SCREW 2.1



is included in each implant set

### RECOMMENDED DRILLING SPEED

D1	800-1200	D1	800-1000	D1	600-800	D1	500-700	D1	500-700
D2	800-1200	D2	800-1000	D2	600-800	D2	600-800	D2	600-800
D3	800-1000	D3	700-900	D3	500-600	D3	500-600	D3	500-600
D4	800-1000	D4	600-800	D4	400-500	D4	400-500	D4	400-500



Implantation Protocol.\*

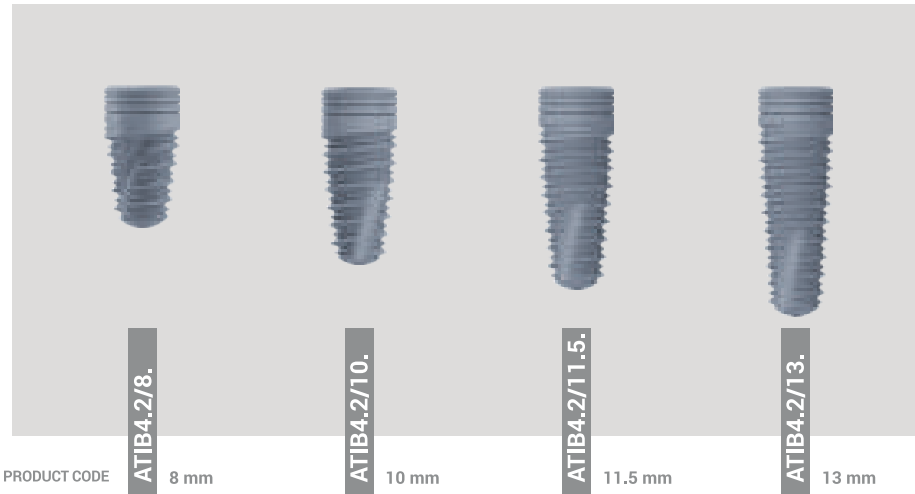
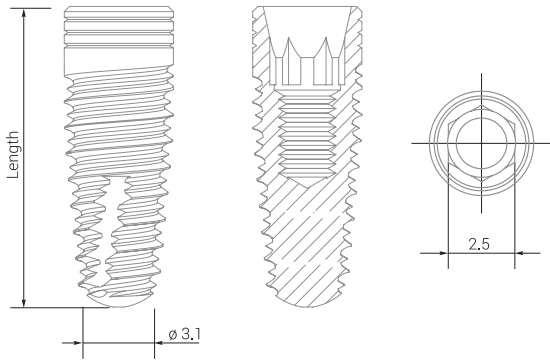
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# Bio3 IMPLANT ADVANCED

Wide platform



DIAMETER  
**4.2**

INTERNAL HEX  
**2.5**

**WIDE PLATFORM**

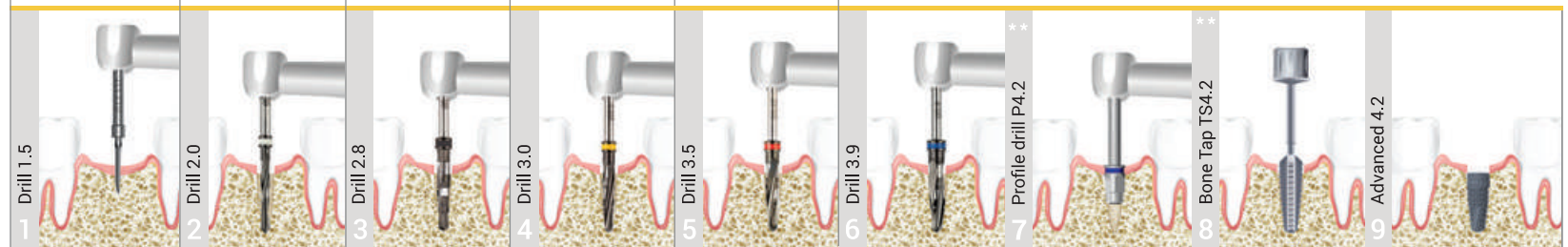
TITANIUM COVER SCREW 2.5



is included in each implant set

RECOMMENDED DRILLING SPEED

D1	800-1200	D1	800-1000	D1	600-800	D1	500-700	D1	500-700	D1	400-600
D2	800-1200	D2	800-1000	D2	600-800	D2	600-800	D2	600-800	D2	500-700
D3	800-1000	D3	700-900	D3	500-600	D3	500-600	D3	500-600	D3	500-600
D4	800-1000	D4	600-800	D4	400-500	D4	400-500	D4	400-500	D4	400-500



Implantation Protocol.\*

\* The Protocol does not replace an appropriate training.

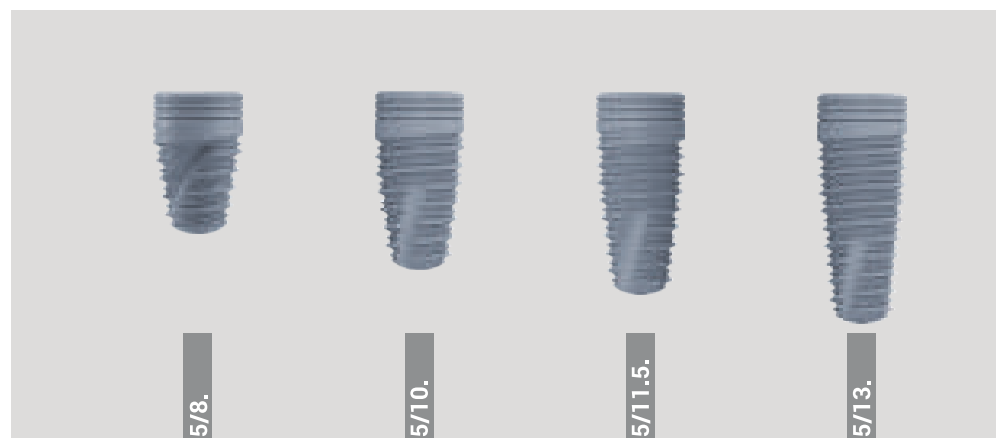
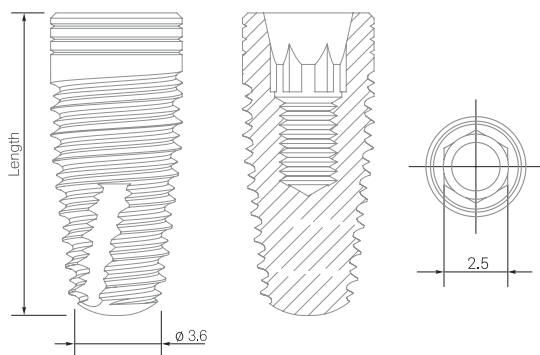
\*\* It is used in I and II bone types.

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# Bio3 IMPLANT ADVANCED

## Wide platform



PRODUCT CODE    **ATIB5/8.** 8 mm    **ATIB5/10.** 10 mm    **ATIB5/11.5.** 11.5 mm    **ATIB5/13.** 13 mm

DIAMETER  
**5.0**  
INTERNAL HEX  
**2.5**

**WIDE  
PLATFORM**

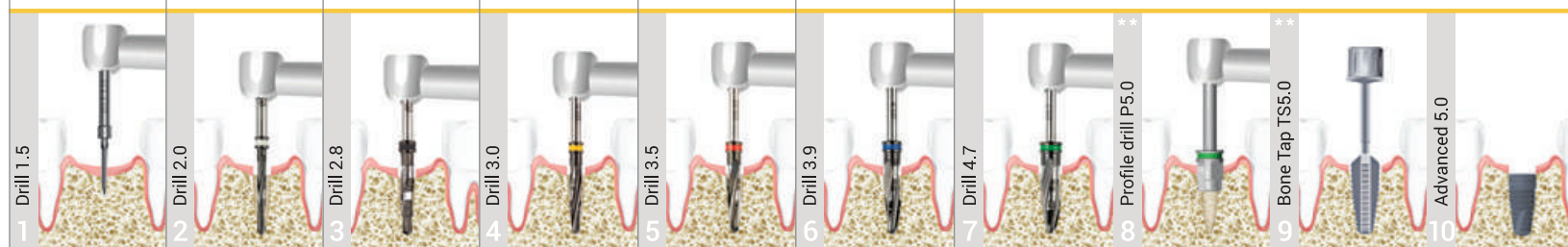
**TITANIUM COVER SCREW 2.5**



is included in each implant set

### RECOMMENDED DRILLING SPEED

D1 800-1200	D1 800-1000	D1 600-800	D1 500-700	D1 500-700	D1 400-600	D1 400-600
D2 800-1200	D2 800-1000	D2 600-800	D2 600-800	D2 600-800	D2 500-700	D2 400-700
D3 800-1000	D3 700-900	D3 500-600	D3 500-600	D3 500-600	D3 500-600	D3 500-600
D4 800-1000	D4 600-800	D4 400-500	D4 400-500	D4 400-500	D4 400-500	D4 400-500



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

Premium Dental Implants

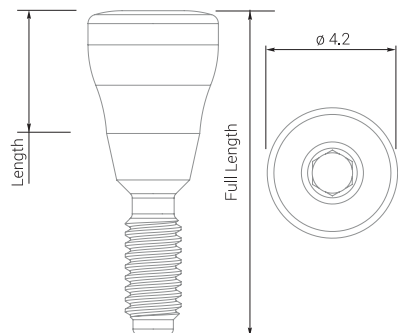


**SUPRASTRUCTURES**

# GINGIVA HEALING ABUTMENTS

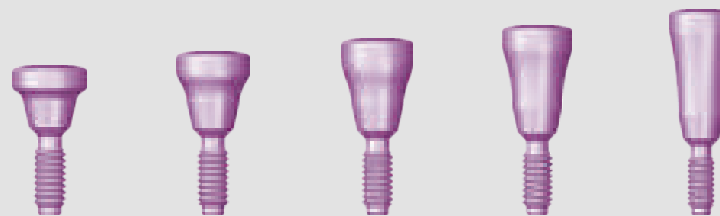
## Standard platform

INTERNAL HEX  
**2.1**



PRODUCT CODE

### STANDARD



GFS2 GFS3 GFS4 GFS5 GFS7

#### HEALING CAPS

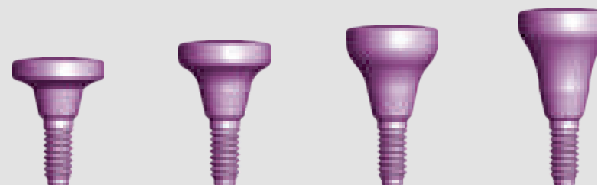
	GFS2	GFS3	GFS4	GFS5	GFS7
<b>DIAMETER</b>	4.2 mm	4.2 mm	4.2 mm	4.2 mm	4.2 mm
<b>LENGTH</b>	2 mm	3 mm	4 mm	5 mm	7 mm
<b>FULL LENGTH</b>	8.45 mm	9.45 mm	10.45 mm	11.45 mm	13.45 mm

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

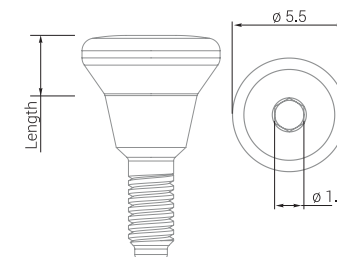
PRODUCT CODE

### WIDE



GFS/W2 GFS/W3 GFS/W4 GFS/W5

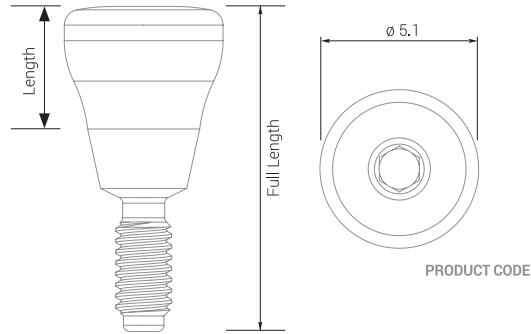
	GFS/W2	GFS/W3	GFS/W4	GFS/W5
<b>DIAMETER</b>	5.5 mm	5.5 mm	5.5 mm	5.5 mm
<b>LENGTH</b>	2 mm	3 mm	4 mm	5 mm
<b>FULL LENGTH</b>	7.72 mm	8.73 mm	9.73 mm	10.73 mm



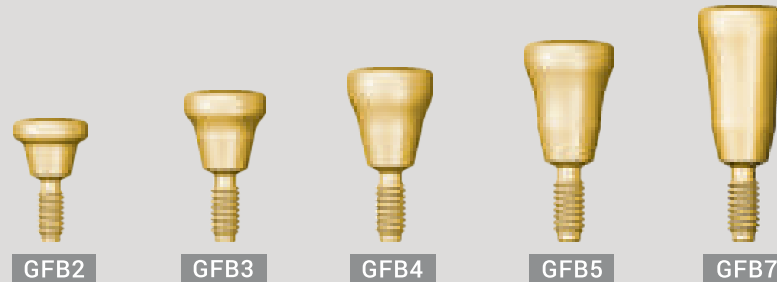
# GINGIVA HEALING ABUTMENTS

## Wide platform

INTERNAL HEX  
**2.5**



### STANDARD



**HEALING CAPS**

**DIAMETER**  
**LENGTH**  
**FULL LENGTH**

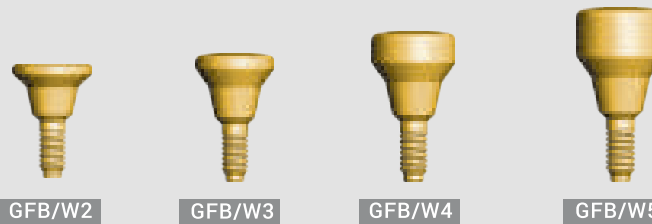
5.1 mm	5.1 mm	5.1 mm	5.1 mm	5.1 mm
2 mm	3 mm	4 mm	5 mm	7 mm
8.45 mm	9.45 mm	10.45 mm	11.45 mm	13.45 mm

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

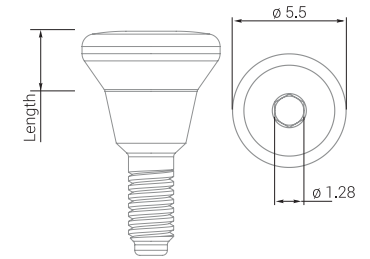
**PRODUCT CODE**

### WIDE



**DIAMETER**  
**LENGTH**  
**FULL LENGTH**

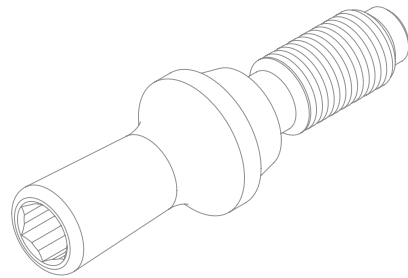
5.5 mm	5.5 mm	5.5 mm	5.5 mm
2 mm	3 mm	4 mm	5 mm
7.9 mm	8.9 mm	9.9 mm	10.9 mm



# GINGIVA HEALING NARROW ABUTMENTS



## Standard platform



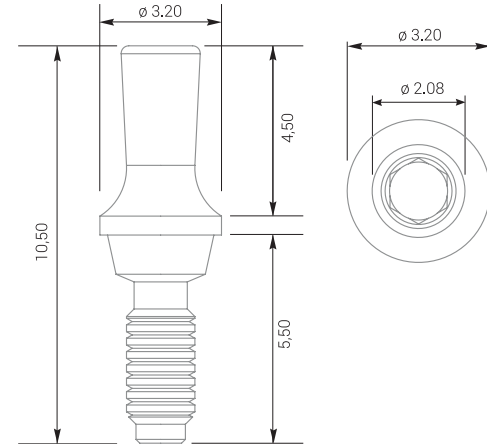
DIAMETER  
LENGTH

3.2 mm  
10.5 mm



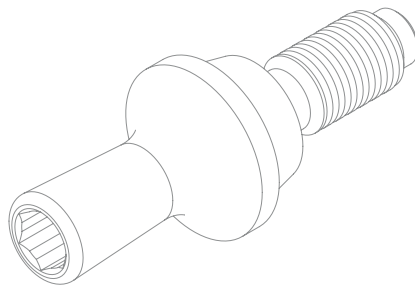
PRODUCT CODE **GFNS**

INTERNAL HEX  
**2.1**



## Wide platform

Ensures ideal gingival margin.  
Suitable for any variants of following dental prosthetics.



MATERIAL Titanium Grade 5

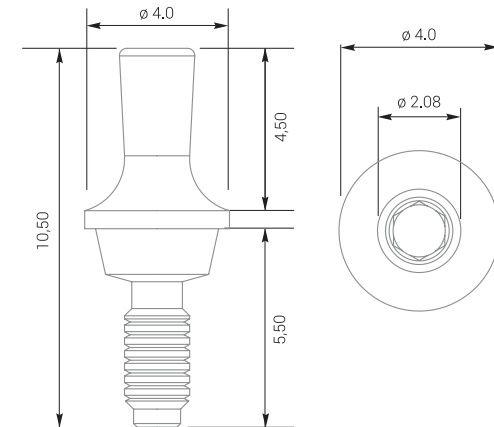
DIAMETER  
LENGTH

4.0 mm  
10.5 mm



PRODUCT CODE **GFNB**

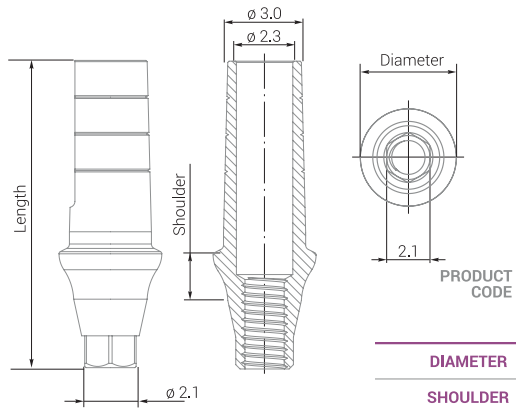
INTERNAL HEX  
**2.5**



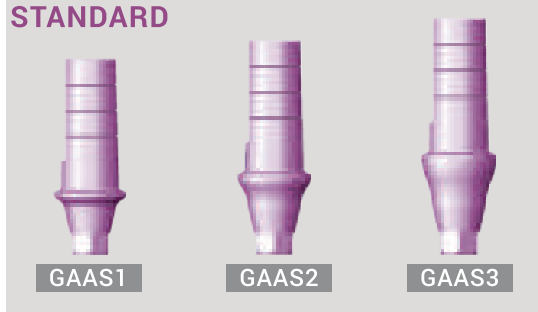


# STRAIGHT ANATOMIC ABUTMENTS

## Standard platform

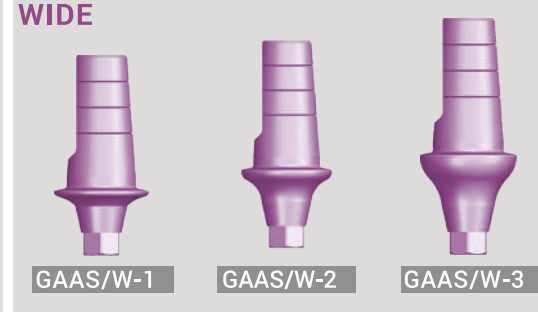


### STANDARD



<b>DIAMETER</b>	4.2 mm	4.2 mm	4.2 mm
<b>SHOULDER</b>	1 mm	2 mm	3 mm
<b>LENGTH</b>	11.55 mm	12.55 mm	13.55 mm

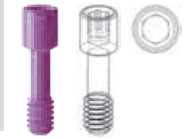
### WIDE



<b>DIAMETER</b>	5.5 mm	5.5 mm	5.5 mm
<b>SHOULDER</b>	1 mm	2 mm	3 mm
<b>LENGTH</b>	11.55 mm	12.55 mm	13.55 mm

INTERNAL HEX  
**2.1**

Each abutment set includes:

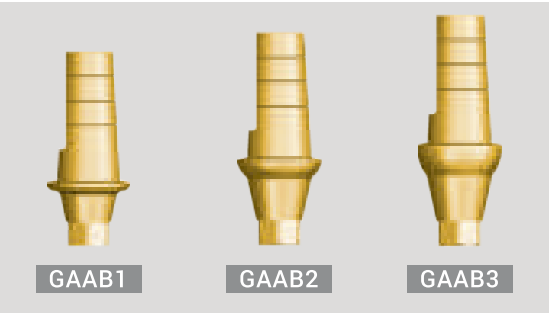
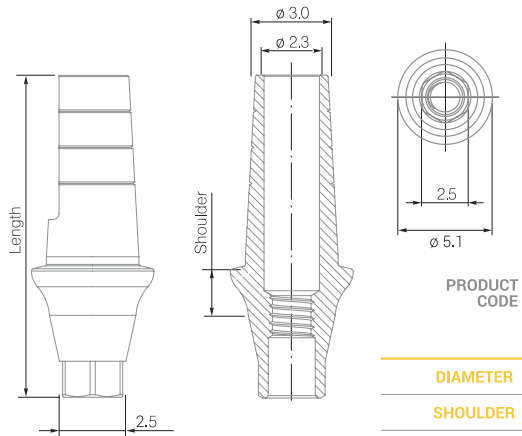


PROSTHETIC SCREW

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.

**MATERIAL** Titanium Grade 5

## Wide platform



<b>DIAMETER</b>	5.1 mm	5.1 mm	5.1 mm
<b>SHOULDER</b>	1 mm	2 mm	3 mm
<b>LENGTH</b>	12.4 mm	13.4 mm	14.4 mm

INTERNAL HEX  
**2.5**

Each abutment set includes:



PROSTHETIC SCREW

## PLASTIC TRANSFER-CAP

### STANDARD PLATFORM



PRODUCT CODE **PTCS**

### WIDE PLATFORM



PRODUCT CODE **PTCB**

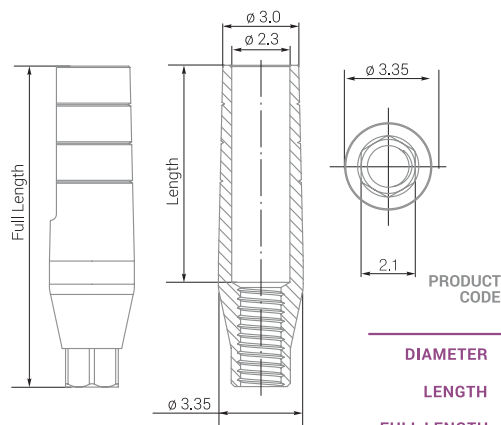
<b>DIAMETER</b>	7.0 mm	8.0 mm
<b>LENGTH</b>	10 mm	10 mm

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.

**MATERIAL** Titanium Grade 5

# STRAIGHT ABUTMENTS

## Standard platform



	WIDE	STANDARD		
<b>DIAMETER</b>	5.0 mm	3.35 mm	3.35 mm	3.35 mm
<b>LENGTH</b>	9 mm	6.7 mm	8.7 mm	11.7 mm
<b>FULL LENGTH</b>	13.7 mm	10.55 mm	12.55 mm	15.55 mm

INTERNAL HEX  
**2.1**

Each abutment set includes:

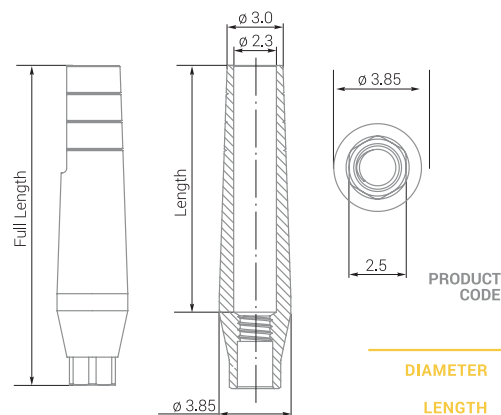


PROSTHETIC SCREW

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

**MATERIAL** Titanium Grade 5

## Wide platform



	WIDE	STANDARD		
<b>DIAMETER</b>	5.5 mm	3.85 mm	3.85 mm	3.85 mm
<b>LENGTH</b>	9 mm	8.07 mm	10.07 mm	13.07 mm
<b>FULL LENGTH</b>	13.9 mm	12.12 mm	14.12 mm	17.12 mm

INTERNAL HEX  
**2.5**

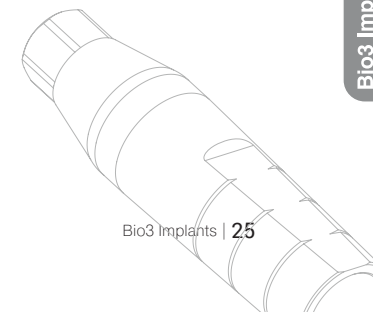
Each abutment set includes:



PROSTHETIC SCREW

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

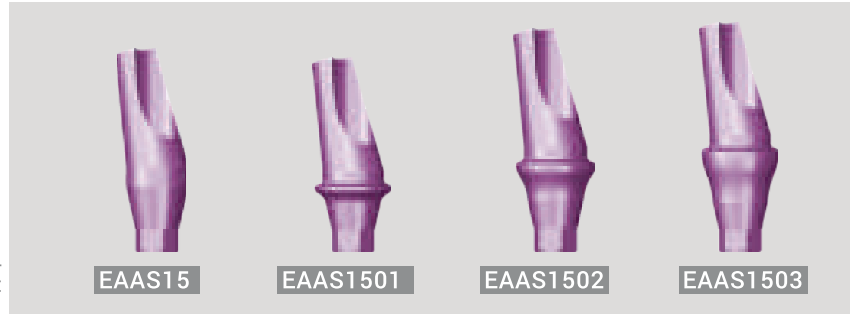
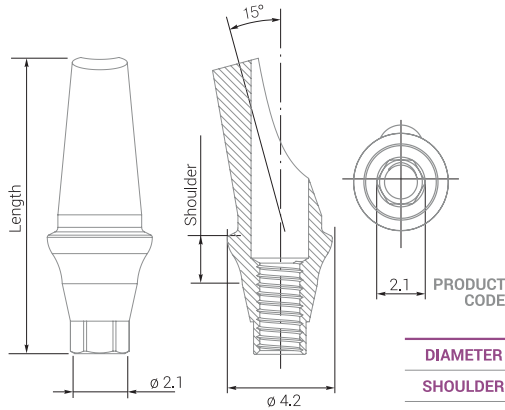
**MATERIAL** Titanium Grade 5



# ANGULATED ANATOMIC ABUTMENTS 15°

## Standard platform

INTERNAL HEX  
**2.1**



<b>DIAMETER</b>	3.35 mm	4.2 mm	4.2 mm	4.2 mm
<b>SHOULDER</b>		1 mm	2 mm	3 mm
<b>LENGTH</b>	11.0 mm	10.85 mm	11.85 mm	12.85 mm
<b>ANGLE</b>	15°	15°	15°	15°

Each abutment set includes:



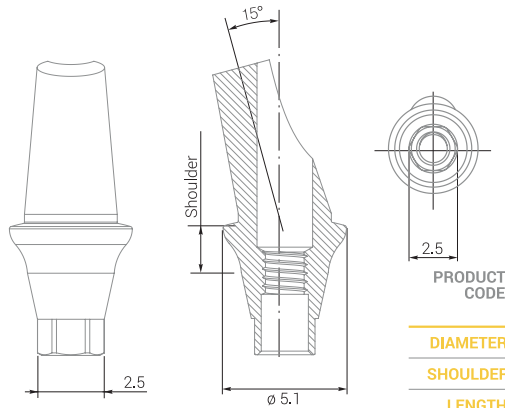
PROSTHETIC SCREW

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**

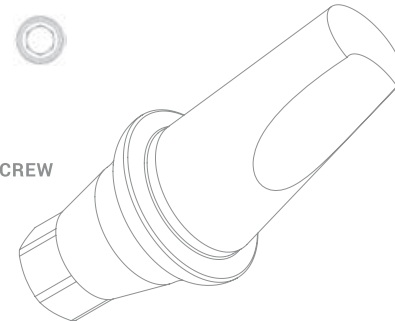


<b>DIAMETER</b>	3.85 mm	5.1 mm	5.1 mm	5.1 mm
<b>SHOULDER</b>		1 mm	2 mm	3 mm
<b>LENGTH</b>	12.85 mm	11.55 mm	12.2 mm	13.2 mm
<b>ANGLE</b>	15°	15°	15°	15°

Each abutment set includes:



PROSTHETIC SCREW

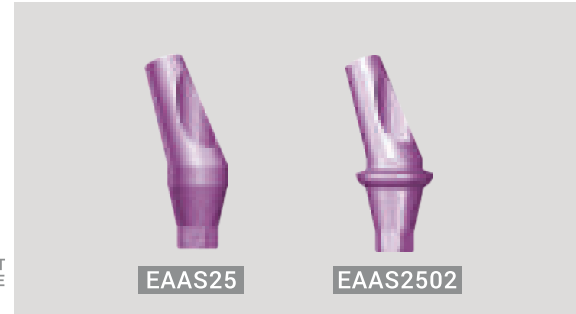
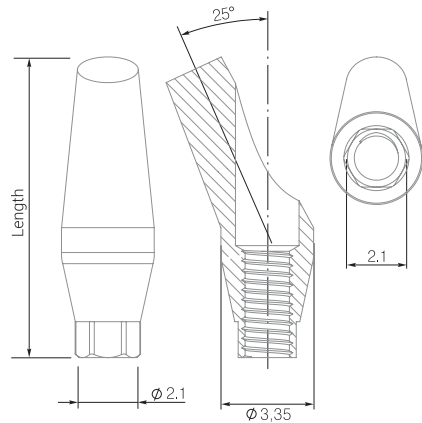


Angulated anatomic titanium abutment 15° for wide platform (2.5 mm) with 1. 2. 3 mm shoulder or without it. Prosthetic screw in each set. It is installed using universal or hand prosthetic insertion driver.

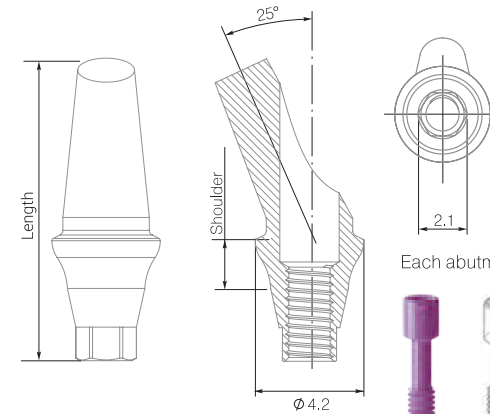
**MATERIAL** Titanium Grade 5

# ANGULATED ANATOMIC ABUTMENTS 25°

## Standard platform



PRODUCT CODE	EAAS25	EAAS2502
<b>DIAMETER</b>	3.35 mm	4.2 mm
<b>SHOULDER</b>		2 mm
<b>LENGTH</b>	10.9 mm	11.75 mm
<b>ANGLE</b>	25°	25°



INTERNAL HEX  
**2.1**

Each abutment set includes:

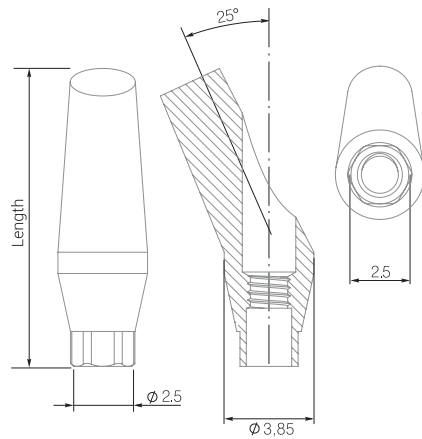


PROSTHETIC SCREW

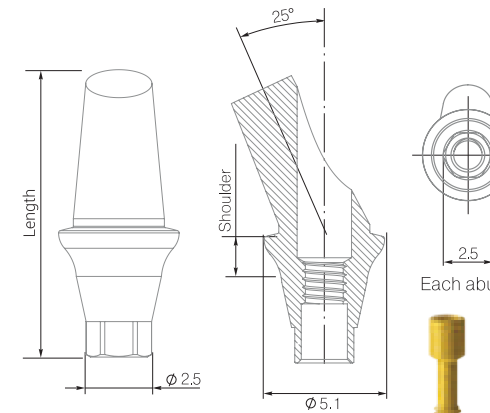
Angulated anatomic titanium abutment 25° for standard platform (2.1 mm) with 2 mm shoulder or without it. Prosthetic screw in each set. It is installed using universal or hand prosthetic insertion driver.

**MATERIAL** Titanium Grade 5

## Wide platform

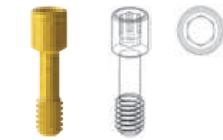


PRODUCT CODE	EAAB25	EAAB2502
<b>DIAMETER</b>	3.85 mm	5.1 mm
<b>SHOULDER</b>		2 mm
<b>LENGTH</b>	12.8 mm	12.15 mm
<b>ANGLE</b>	25°	25°



INTERNAL HEX  
**2.5**

Each abutment set includes:



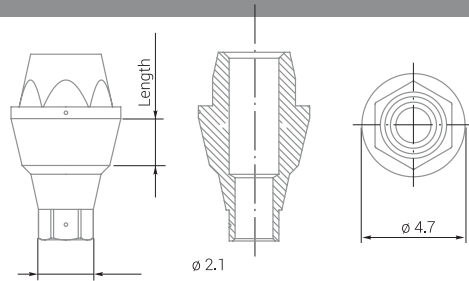
PROSTHETIC SCREW

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.

**MATERIAL** Titanium Grade 5

# MULTIUNITS SINGLE CONSTRUCTION

## Standard platform



The abutment is used to renew a single construction.  
Screw in with a maximum force of 20 newton.

PRODUCT CODE

	<b>VAAS1</b>	<b>VAAS2</b>	<b>VAAS3</b>
<b>DIAMETER</b>	4.7 mm	4.7 mm	4.7 mm
<b>LENGTH</b>	1 mm	2 mm	3 mm



Each abutment set includes:

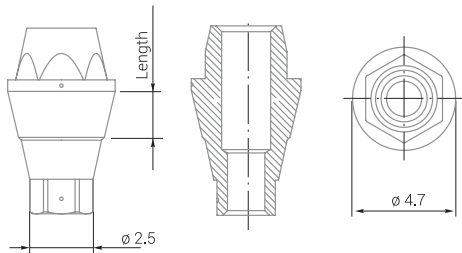


INTERNAL HEX  
**2.1**

**CS VAAS/B**  
cover screw

**MATERIAL** Titanium Grade 5

## Wide platform



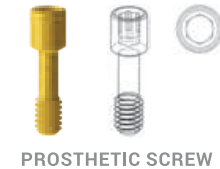
The abutment is used to restore a single construction.  
Screw in with a maximum force of 20 newton.

PRODUCT CODE

	<b>VAAB1</b>	<b>VAAB2</b>	<b>VAAB3</b>
<b>DIAMETER</b>	4.7 mm	4.7 mm	4.7 mm
<b>LENGTH</b>	1 mm	2 mm	3 mm



Each abutment set includes:

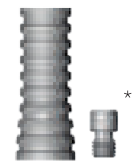


INTERNAL HEX  
**2.5**

**CS VAAB/S**  
cover screw

**MATERIAL** Titanium Grade 5

Titanium sleeve for screw retained abutment



**GAVAA**

Healing Cap for screw retained abutment



**GAES2**

Burned-out plastic sleeve for screw retained abutment



**Plastic VAAS** **Plastic VAAS NON HEX**

Temporary PEEK sleeve for screw retained abutment



**TGAS1**

Laboratory Analog for screw retained abutment



**IAES**

Transfer for screw retained abutment



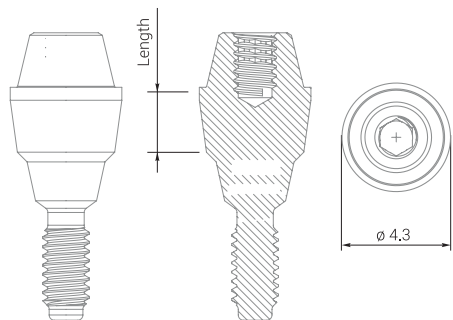
**SAES15**

\* Screw **SSA** is included

# MULTIUNITS FOR FIXED BRIDGE

## Standard platform

INTERNAL HEX  
**2.1**



**MATERIAL** Titanium Grade 5

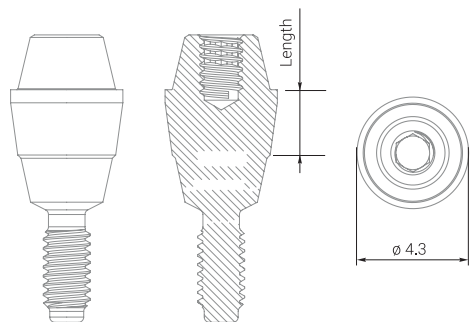


PRODUCT CODE	VAAS+1	VAAS+2	VAAS+3
<b>DIAMETER</b>	4.3 mm	4.3 mm	4.3 mm
<b>LENGTH</b>	1 mm	2 mm	3 mm

The abutment is used to restore a fixed bridge with screw retention.  
Screw in with a maximum force of 20 newton.

## Wide platform

INTERNAL HEX  
**2.5**



**MATERIAL** Titanium Grade 5



PRODUCT CODE	VAAB+1	VAAB+2	VAAB+3
<b>DIAMETER</b>	4.3 mm	4.3 mm	4.3 mm
<b>LENGTH</b>	1 mm	2 mm	3 mm

Titanium sleeve for screw retained abutment / angulated multi-unit	Castable sleeve for screw retained abutment / angulated multi-unit	Healing Cap for screw retained abutment / angulated multi-unit	Healing Cap Wide for screw retained abutment / angulated multi-unit	Burned-out plastic sleeve for screw retained abutment / angulated multi-unit	Temporary PEEK sleeve for screw retained abutment / angulated multi-unit	Laboratory Analog for screw retained abutment / angulated multi-unit	Transfer for screw retained abutment / angulated multi-unit
<b>GIMV</b>	<b>CSMU</b>	<b>GIMA</b>	<b>GIMA-W</b>	<b>Plastic TCMS</b>	<b>TGMN 1</b>	<b>IAEN</b>	<b>SOKM15</b>

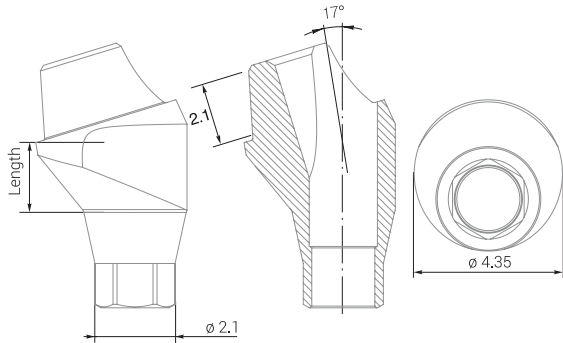
\* Screw for GIMA is included



# ANGULATED MULTI-UNITS 17°

## Standard platform

INTERNAL HEX  
**2.1**



PRODUCT CODE	TBMS1701	TBMS1702	TBMS1703
DIAMETER	4.35 mm	4.35 mm	4.35 mm
LENGTH	1 mm	2 mm	3 mm

Each multi-unit basis set includes:

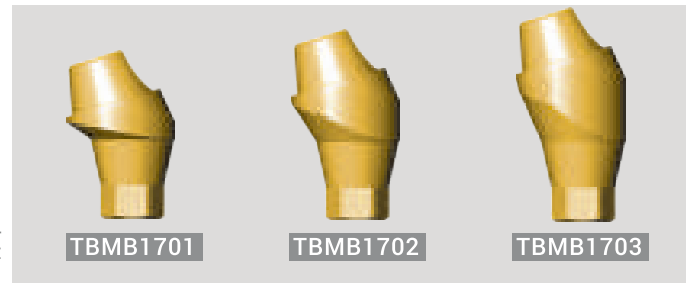
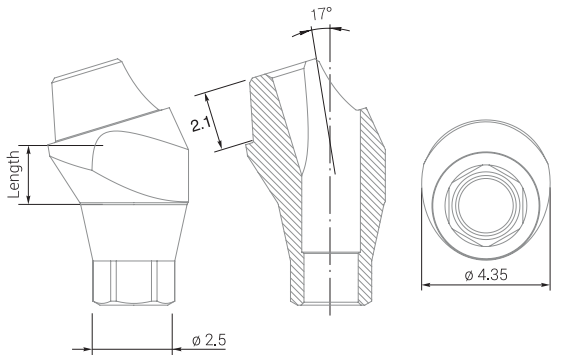


PROSTHETIC SCREW

Angulated multi-unit 17° of a standard/wide platform is intended for the construction with screw retention during the treatment of partial or full adentia. 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.

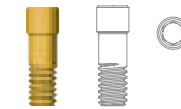
## Wide platform

INTERNAL HEX  
**2.5**



PRODUCT CODE	TBMB1701	TBMB1702	TBMB1703
DIAMETER	4.35 mm	4.35 mm	4.35 mm
LENGTH	1 mm	2 mm	3 mm

Each multi-unit basis set includes:



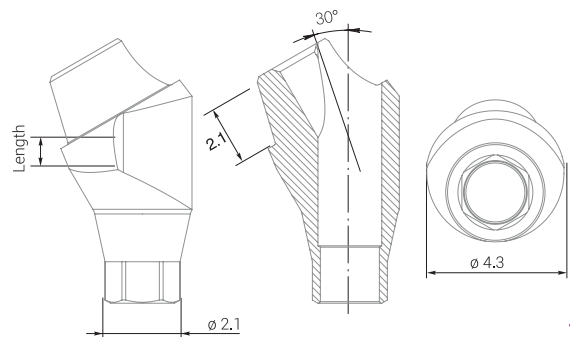
PROSTHETIC SCREW

Titanium sleeve for screw retained abutment / angulated multi-unit	Castable sleeve for screw retained abutment / angulated multi-unit	Healing Cap for screw retained abutment / angulated multi-unit	Healing Cap Wide for screw retained abutment / angulated multi-unit	Burned-out plastic sleeve for screw retained abutment / angulated multi-unit	Temporary PEEK sleeve for screw retained abutment / angulated multi-unit	Laboratory Analog for screw retained abutment / angulated multi-unit	Transfer for screw retained abutment / angulated multi-unit
 <b>GIMV</b>	 <b>CSMU</b>	 <b>GIMA</b>	 <b>GIMA-W</b>	 <b>Plastic TCMS</b>	 <b>TGMN 1</b>	 <b>IAEN</b>	 <b>SOKM15</b>

# ANGULATED MULTI-UNITS 30°

## Standard platform

INTERNAL HEX  
**2.1**



Each multi-unit basis set includes:

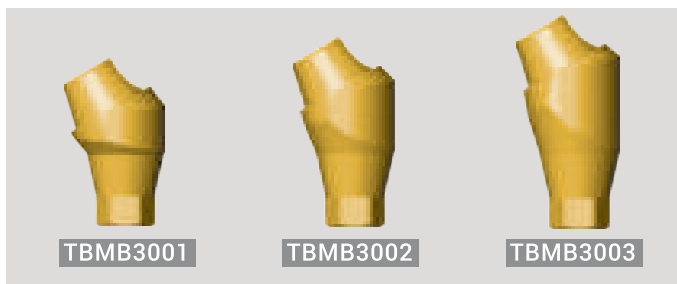
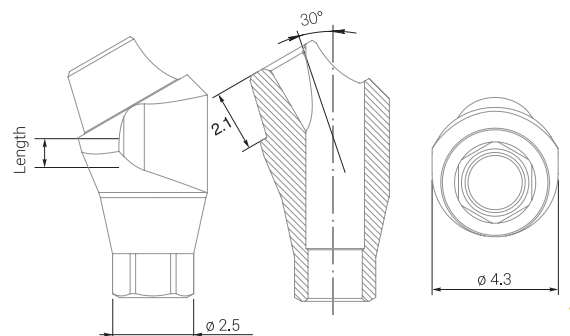


PRODUCT CODE	TBMS3001	TBMS3002	TBMS3003
DIAMETER	4.3 mm	4.3 mm	4.3 mm
LENGTH	1 mm	2 mm	3 mm

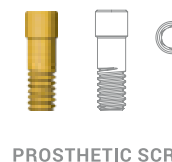
Angulated multi-unit 30° of a standard/wide platform is intended for the construction with screw retention during the treatment of partial or full adentia. It is used in cases during which the implant is placed at an angle. The set includes a bone screw. A multifunctional torque wrench is used for the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

## Wide platform

INTERNAL HEX  
**2.5**



Each multi-unit basis set includes:



PRODUCT CODE	TBMB3001	TBMB3002	TBMB3003
DIAMETER	4.3 mm	4.3 mm	4.3 mm
LENGTH	1 mm	2 mm	3 mm

Titanium sleeve for screw retained abutment / angulated multi-unit	Castable sleeve for screw retained abutment / angulated multi-unit	Healing Cap for screw retained abutment / angulated multi-unit	Healing Cap Wide for screw retained abutment / angulated multi-unit	Burned-out plastic sleeve for screw retained abutment / angulated multi-unit	Temporary PEEK sleeve for screw retained abutment / angulated multi-unit	Laboratory Analog for screw retained abutment / angulated multi-unit	Transfer for screw retained abutment / angulated multi-unit
<b>GIMV</b>	<b>CSMU</b>	<b>GIMA</b>	<b>GIMA-W</b>	<b>Plastic TCMS</b>	<b>TGMN 1</b>	<b>IAEN</b>	<b>SOKM15</b>

\* Screw for GIMA is included

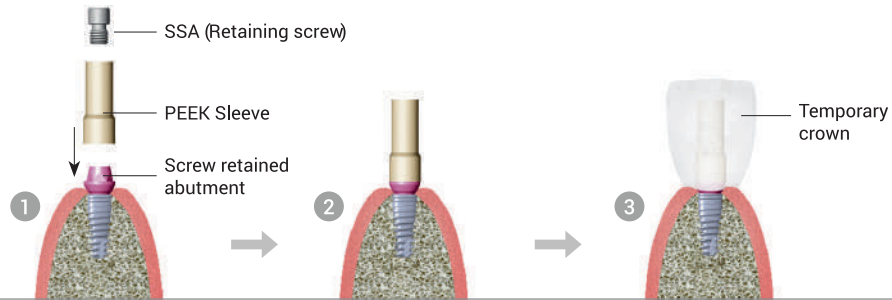
# MANUAL I. SINGLE CONSTRUCTION MULTI-UNITS

## Using temporary PEEK sleeve for screw retained abutment

TGAS1



Temporary PEEK sleeve



## Using burned-out plastic sleeve for individual construction production

Plastic VAAS

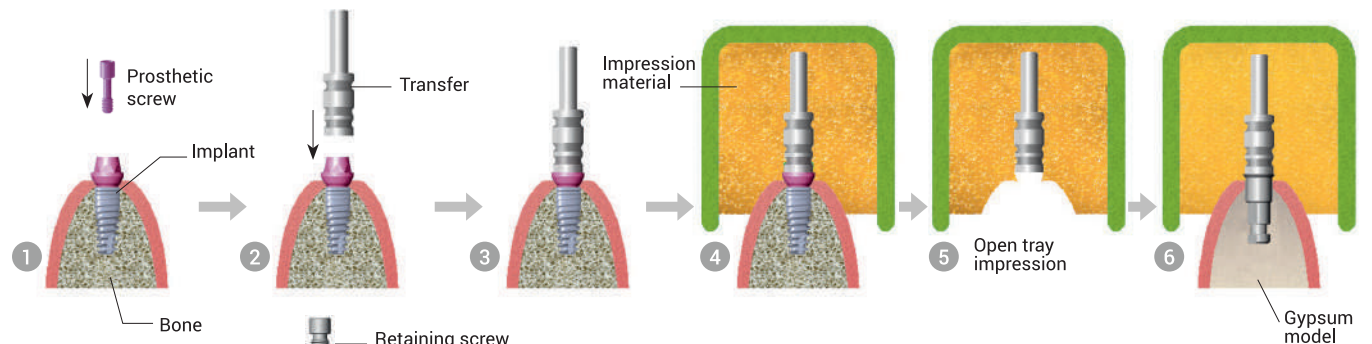


Burned-out plastic sleeve

SAES15



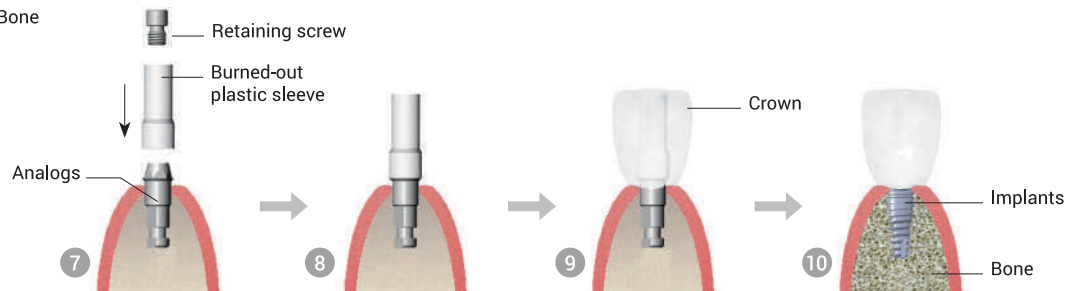
Transfer



IAES

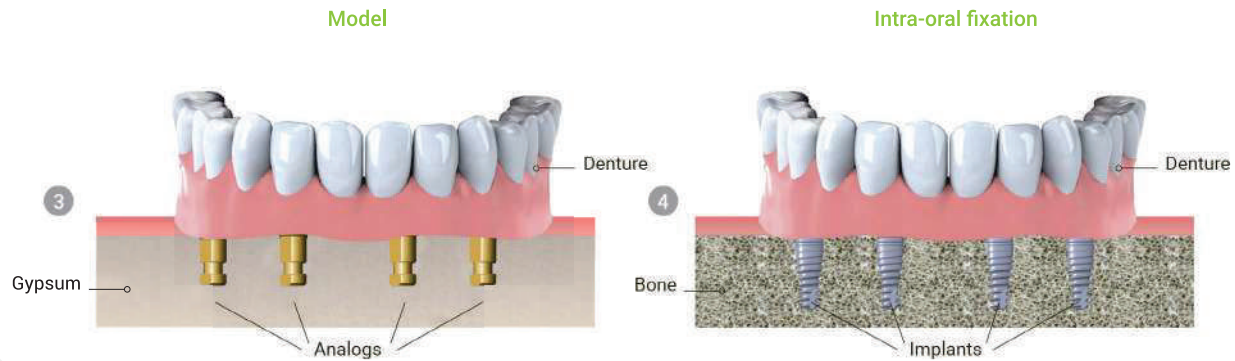
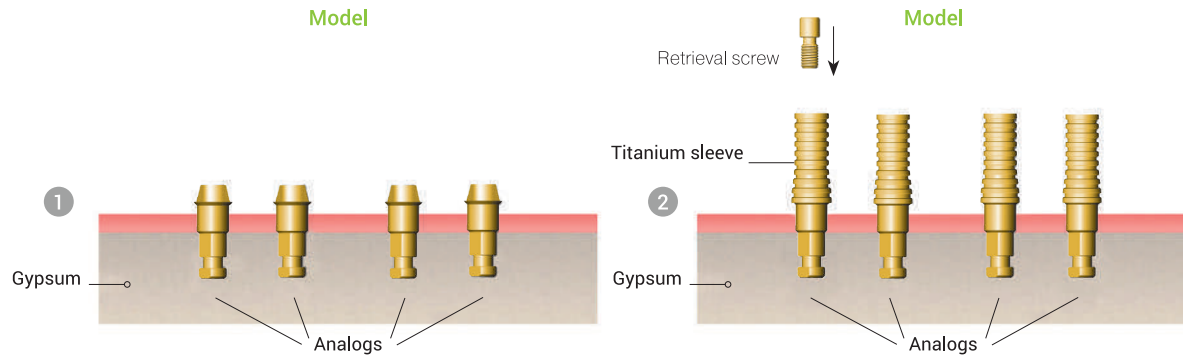


Laboratory Analog



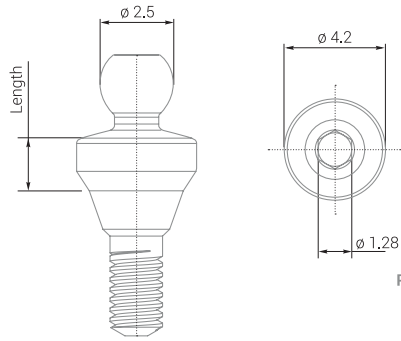
# MANUAL II. FIXED BRIDGE CONSTRUCTION

## Using titanium sleeve

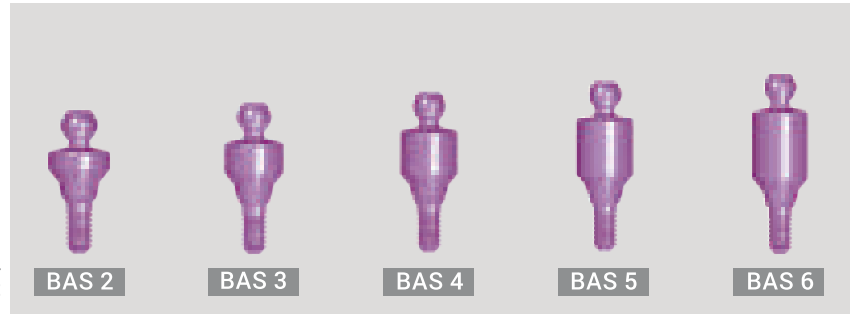


# BALL ATTACHMENTS

## Standard platform



PRODUCT CODE

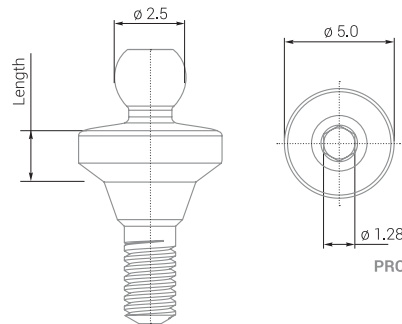


<b>DIAMETER</b>	4.2 mm	4.2 mm	4.2 mm	4.2 mm	4.2 mm
<b>LENGTH</b>	2 mm	3 mm	4 mm	5 mm	6 mm

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.

**MATERIAL** Titanium Grade 5

## Wide platform



PRODUCT CODE



<b>DIAMETER</b>	5.0 mm	5.0 mm	5.0 mm	5.0 mm	5.0 mm
<b>LENGTH</b>	2 mm	3 mm	4 mm	5 mm	6 mm

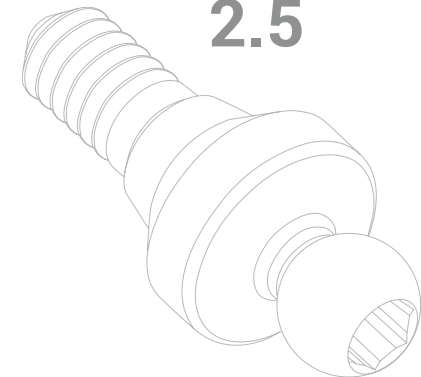
Ball attachment for overdentures and removable dentures fixation for wide platform (2.5 mm) as an element for dental prosthetics on two or more implants. It is installed using universal or hand prosthetic insertion driver.

**MATERIAL** Titanium Grade 5

INTERNAL HEX  
**2.1**

- MKBA**  Metal Cap for Ball Attachment
- WKBA**  Soft Cap for Ball Attachment
- SKBA**  Standard Cap for Ball Attachment
- FKBA**  Hard Cap for Ball Attachment
- PRB**  Plastic Ring for Ball Attachment

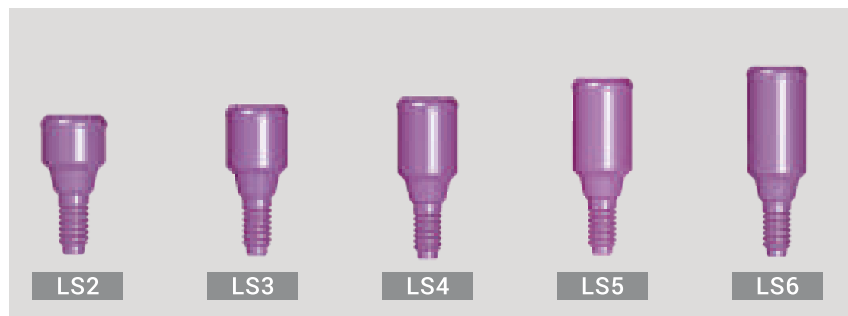
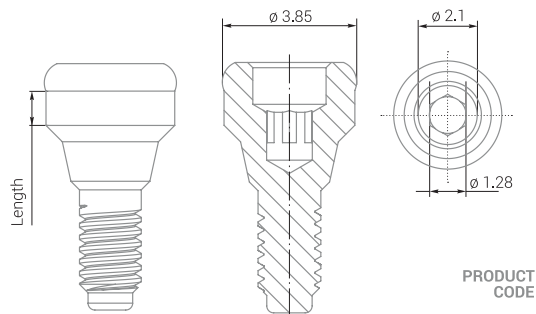
INTERNAL HEX  
**2.5**



# LOCATORS

## Standard platform

INTERNAL HEX  
**2.1**



	LS2	LS3	LS4	LS5	LS6
<b>DIAMETER</b>	3.85 mm	3.85 mm	3.85 mm	3.85 mm	3.85 mm
<b>LENGTH</b>	2 mm	3 mm	4 mm	5 mm	6 mm

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.

**MATERIAL** Titanium Grade 5

**MKL** Metal Cap for locators

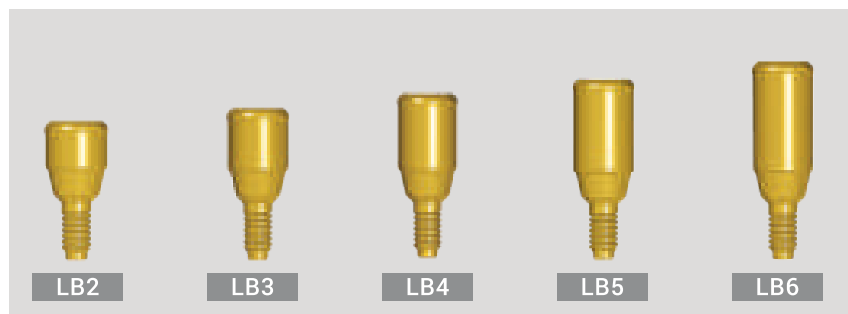
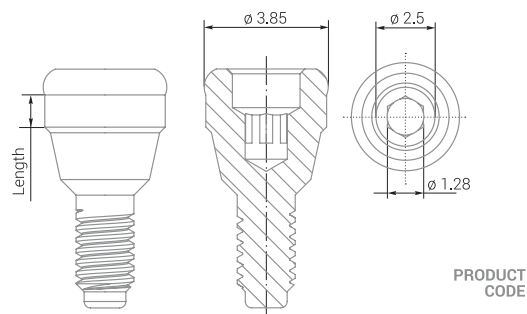
**WKL** Soft Cap for locators

**SKL** Standard Cap for locators

**FKL** Hard Cap for locators

## Wide platform

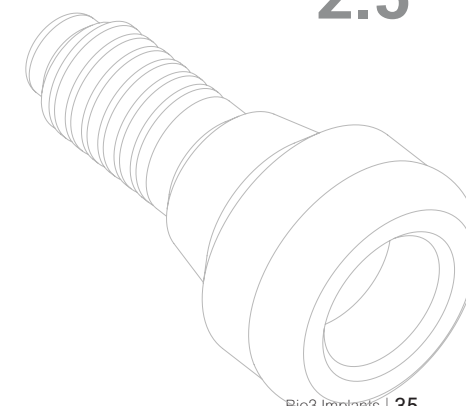
INTERNAL HEX  
**2.5**



	LB2	LB3	LB4	LB5	LB6
<b>DIAMETER</b>	3.85 mm	3.85 mm	3.85 mm	3.85 mm	3.85 mm
<b>LENGTH</b>	2 mm	3 mm	4 mm	5 mm	6 mm

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.

**MATERIAL** Titanium Grade 5

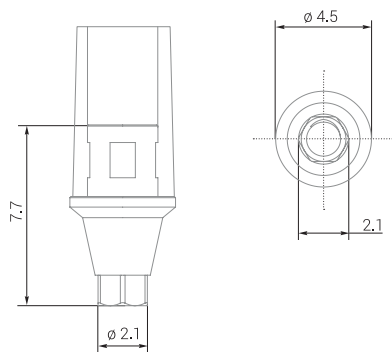




# TITANIUM BASIS WITH A BURNED-OUT PLASTIC SLEEVE

## Standard platform

INTERNAL HEX  
**2.1**



PRODUCT  
CODE



Each abutment set includes:



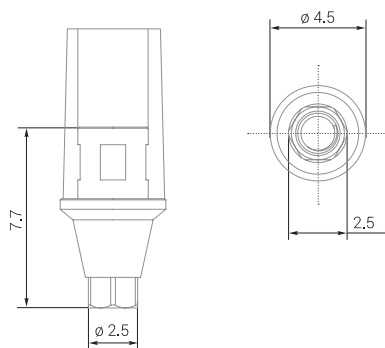
PROSTHETIC SCREW

DIAMETER	4.5 mm
LENGTH	7.7 mm

**MATERIAL** Titanium Grade 5  
Burned out plastic

## Wide platform

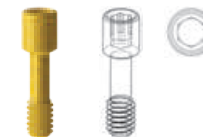
INTERNAL HEX  
**2.5**



PRODUCT  
CODE



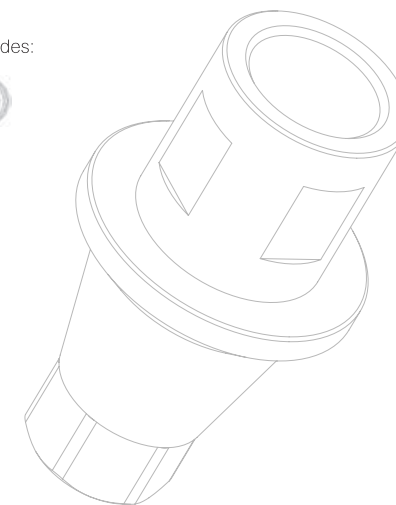
Each abutment set includes:



PROSTHETIC SCREW

DIAMETER	4.5 mm
LENGTH	7.7 mm

**MATERIAL** Titanium Grade 5  
Burned out plastic



# TITANIUM BASIS WITH A BURNED-OUT PLASTIC SLEEVE

## Manual

**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 2:

Lab technician molds wax model of the future tooth crown on the cap.

### Step 3:

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

### Step 4:

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

### 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 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 7:

The form with the sprue tree is filled in with investment material (special high-temperature pulp for 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 9:

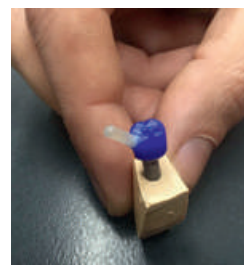
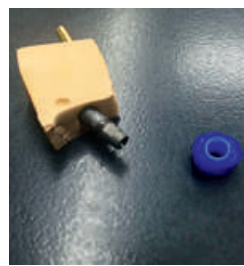
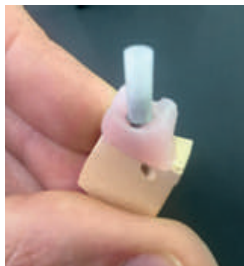
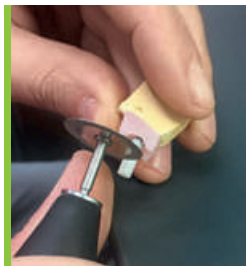
Into the blow hole, formed by burning out of wax and plastic, the desired free-flowing metal or free-flowing ceramics (in a fluid state) is being filled in. Using the method of vacuum or centrifugal casting, blow holes are filled in with dental alloy (CoCr or NiCr).

### Step 10:

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

### Step 11:

Prefabricated crown is bonded to the titanium platform with chemical cure composite.

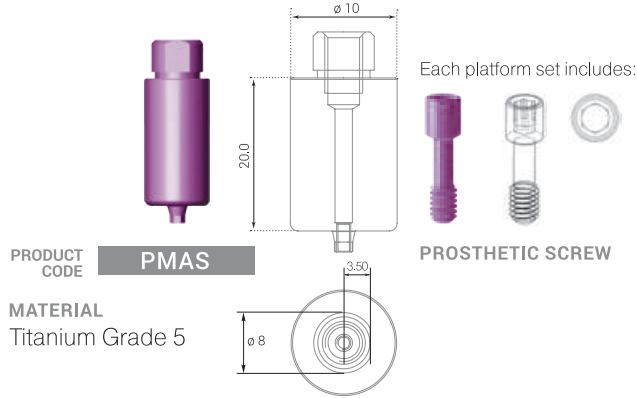


# PROSTHETICS FOR CAD/CAM

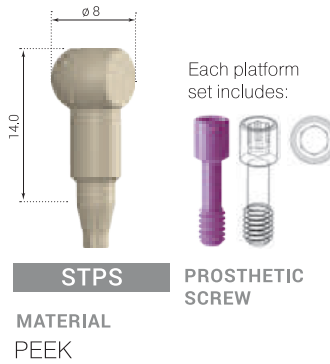
## Standard platform

### PREMILL ABUTMENT

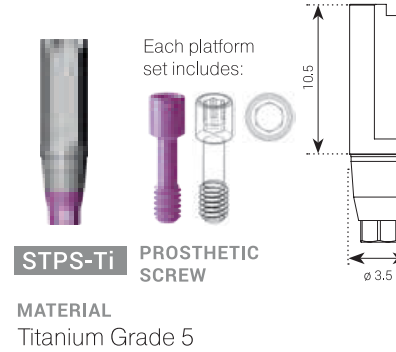
<b>DIAMETER</b>	10 mm
<b>FUNCTIONAL LENGTH</b>	20.0 mm



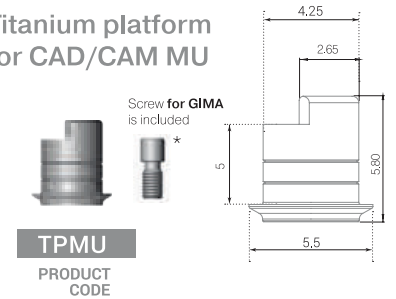
### Scan-abutment for CAD/CAM TPS



### Scan-abutment Narrow



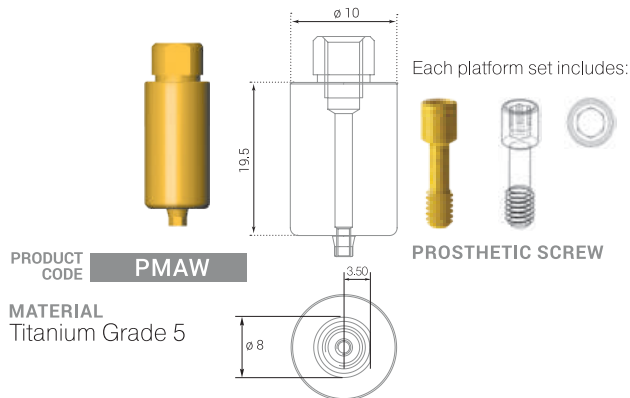
### Titanium platform for CAD/CAM MU



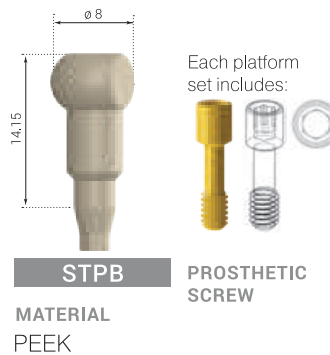
## Wide platform

### PREMILL ABUTMENT

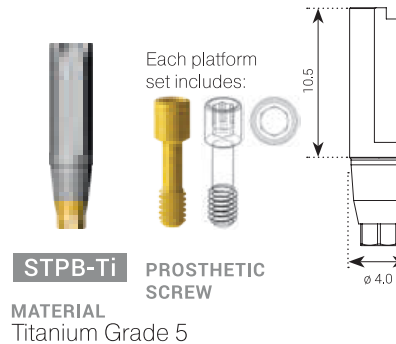
<b>DIAMETER</b>	10 mm
<b>FUNCTIONAL LENGTH</b>	19.5 mm



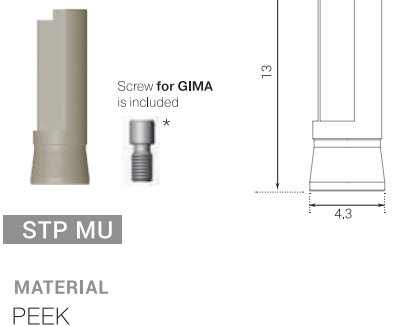
### Scan-abutment for CAD/CAM TPS



### Scan-abutment Narrow



### Scan Abutment for MU

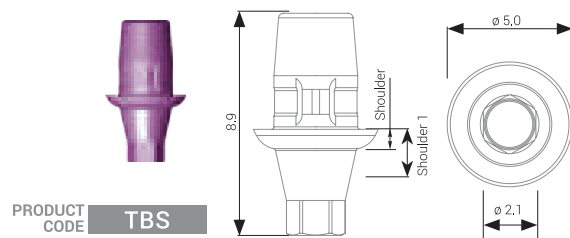


# PROSTHETICS FOR CAD/CAM

## Standard platform

### Titanium Base for Cerec

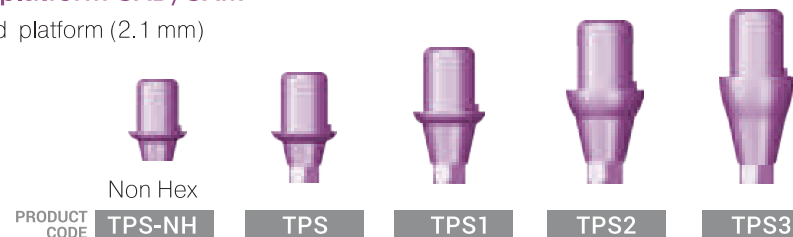
**DIAMETER** 5.0 mm  
**FUNCTIONAL LENGTH** 4.65 mm  
**SHOULDER** 1 mm



**PRODUCT CODE** TBS  
**MATERIAL** Titanium Grade 5

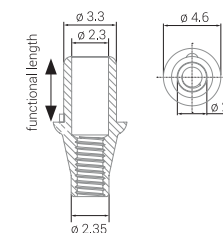
### Titanium platform CAD/CAM

for standard platform (2.1 mm)

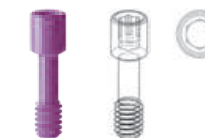


	TPS-NH	TPS	TPS1	TPS2	TPS3
<b>DIAMETER</b>	4.6 mm	4.6 mm	4.6 mm	4.6 mm	4.6 mm
<b>FUNCTIONAL LENGTH</b>	4.1 mm	4.1 mm	4.1 mm	4.1 mm	4.1 mm
<b>SHOULDER</b>	0.5 mm	0.5 mm	1 mm	2 mm	3 mm
<b>SHOULDER 1</b>	1.3 mm	1.3 mm	2.3 mm	3.3 mm	4.3 mm

**MATERIAL** Titanium Grade 5



Each platform set includes:

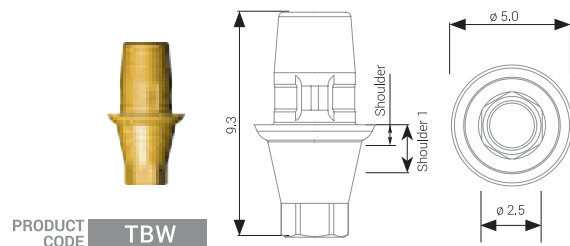


**PROSTHETIC SCREW**

## Wide platform

### Titanium Base for Cerec

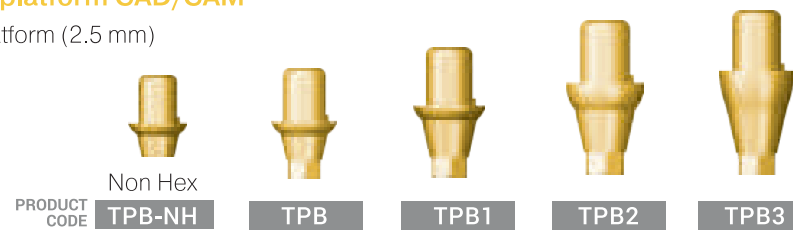
**DIAMETER** 5.0 mm  
**FUNCTIONAL LENGTH** 4.65 mm  
**SHOULDER** 1 mm



**PRODUCT CODE** TBW  
**MATERIAL** Titanium Grade 5

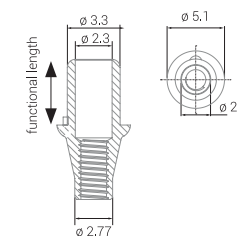
### Titanium platform CAD/CAM

for wide platform (2.5 mm)



	TPB-NH	TPB	TPB1	TPB2	TPB3
<b>DIAMETER</b>	5.1 mm	5.1 mm	5.1 mm	5.1 mm	5.1 mm
<b>FUNCTIONAL LENGTH</b>	4.05 mm	4.1 mm	4.1 mm	4.1 mm	4.1 mm
<b>SHOULDER</b>	0.5 mm	0.5 mm	1 mm	2 mm	3 mm
<b>SHOULDER 1</b>	1.3 mm	1.3 mm	2.3 mm	3.3 mm	4.3 mm

**MATERIAL** Titanium Grade 5



Each platform set includes:

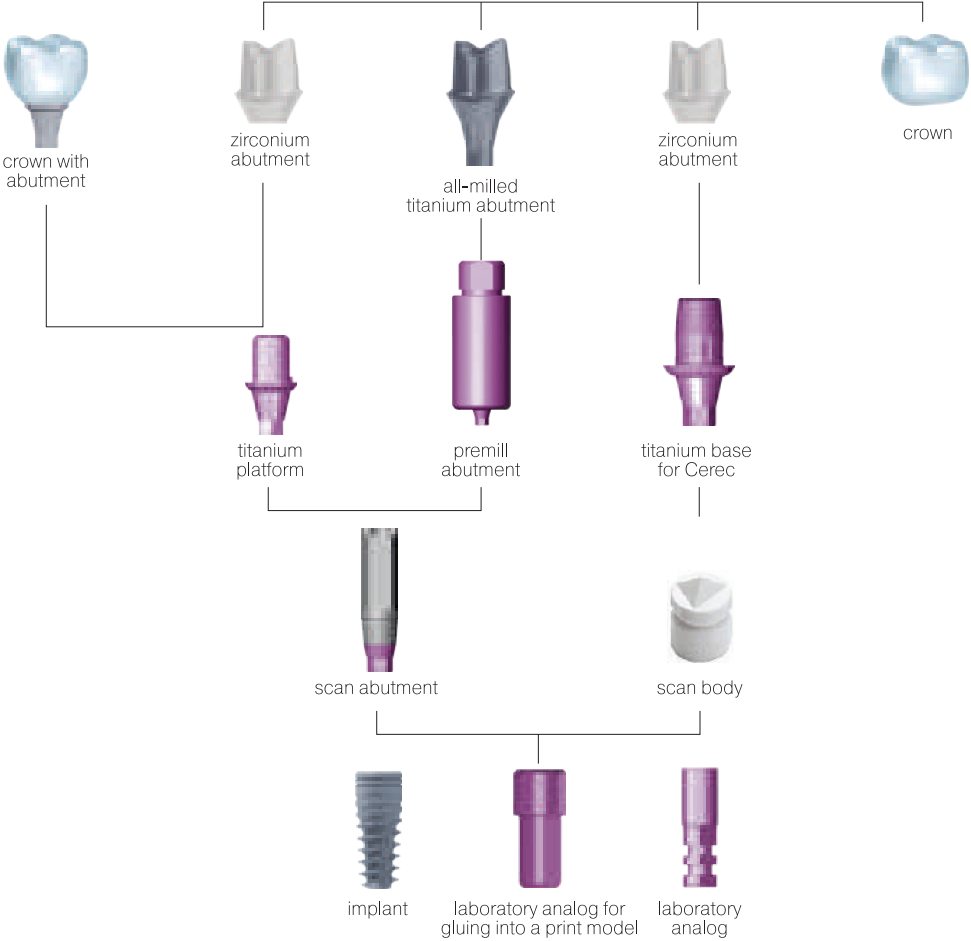


**PROSTHETIC SCREW**

# DIGITAL PROTOCOL FOR CREATING AN ORTHOPEDIC STRUCTURE



Home page [bio-3implants.com](http://bio-3implants.com) contains the following libraries available for download  
**Exocad libraries, 3SHAPE libraries**



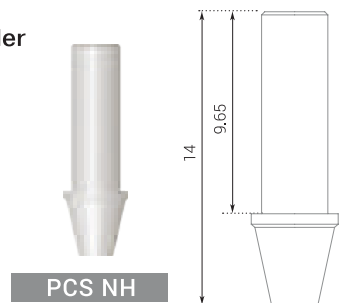
# BURNED-OUT ABUTMENTS

## Standard platform

**DIAMETER** 4.2 mm

**LENGTH** 14 mm

**Plastic Cylinder Abutment**  
Non Hex

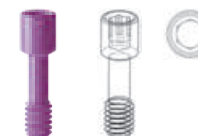


**PCS NH**

**MATERIAL**  
Burned out plastic



Each abutment set includes:



**PROSTHETIC SCREW**

## Wide platform

**DIAMETER** 4.6 mm

**LENGTH** 15.5 mm

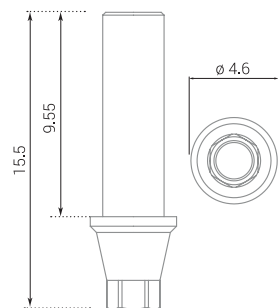
**DIAMETER** 4.6 mm

**LENGTH** 14.5 mm

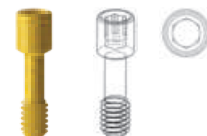
**Burned-out abutment** for standard platform (2.5 mm) is intended for individual orthopedic constructions.

PRODUCT CODE

**PCB**

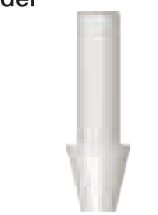


Each abutment set includes:



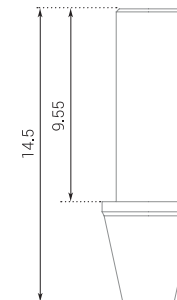
**PROSTHETIC SCREW**

**Plastic Cylinder Abutment**  
Non Hex

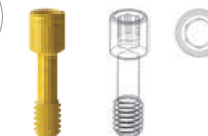


**PCB NH**

**MATERIAL**  
Burned out plastic



Each abutment set includes:



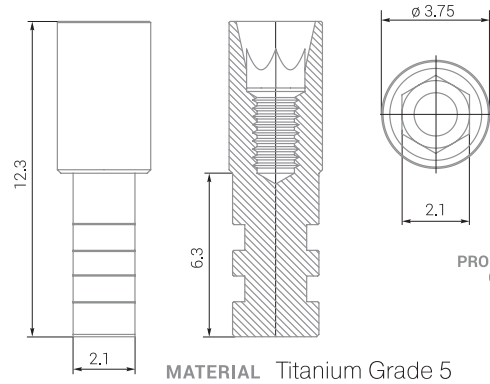
**PROSTHETIC SCREW**



# LABORATORY ANALOGS

## STANDARD PLATFORM

## WIDE PLATFORM



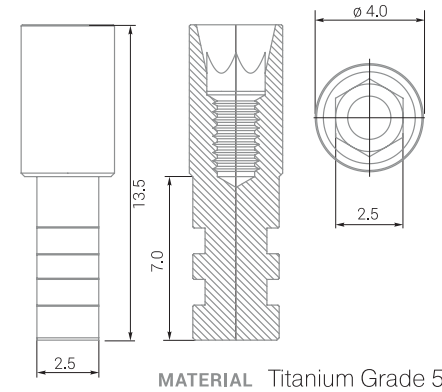
PRODUCT CODE **IAS**

DIAMETER 3.75 mm  
LENGTH 12.3 mm



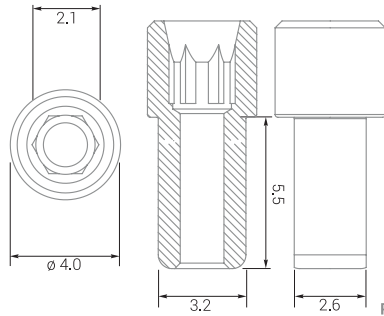
PRODUCT CODE **IAB**

DIAMETER 4.0 mm  
LENGTH 13.5 mm



MATERIAL Titanium Grade 5

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



PRODUCT CODE **D-IAS**

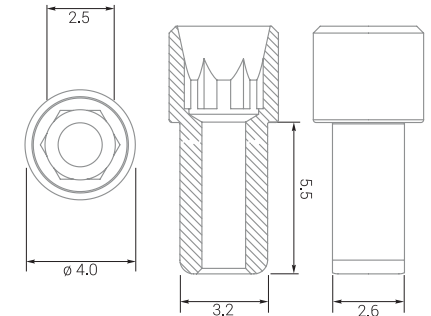
DIAMETER 4.0 mm  
LENGTH 9 mm

## WIDE PLATFORM



PRODUCT CODE **D-IAB**

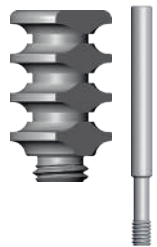
DIAMETER 4.0 mm  
LENGTH 9 mm



# DIGITAL ANALOGS

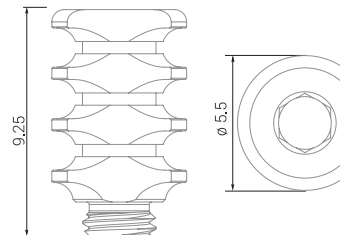
## STANDARD PLATFORM

# TRANSFER FOR Bio LINE



PRODUCT CODE **TFBL**

DIAMETER 5.5 mm  
LENGTH 9.25 mm



# PLASTIC TRANSFER-CAP

## STANDARD PLATFORM

## WIDE PLATFORM



PRODUCT CODE **PTCS**

DIAMETER 7.0 mm  
LENGTH 10 mm



PRODUCT CODE **PTCB**

DIAMETER 8.0 mm  
LENGTH 10 mm

# IMPRESSION TRANSFERS FOR OPEN TRAY

## Impression Suprastructures

	STANDARD PLATFORM	WIDE PLATFORM
DIAMETER	4.2 mm	5.1 mm
LENGTH	17.85 mm	18.45 mm

MATERIAL Titanium Grade 5

PRODUCT CODE **SOLS15**

PRODUCT CODE **SOLB15**

Each transfers set includes:

SCREW SFT22

# IMPRESSION TRANSFERS FOR CLOSED TRAY

	STANDARD PLATFORM	WIDE PLATFORM
DIAMETER	4.2 mm	5.1 mm
LENGTH	13.75 mm	14.35 mm

MATERIAL Titanium Grade 5

PRODUCT CODE **SGLS9**

PRODUCT CODE **SGLB9**

Each transfers set includes:

SCREW SFT17

# INSTRUCTIONS FOR Bio LINE

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.

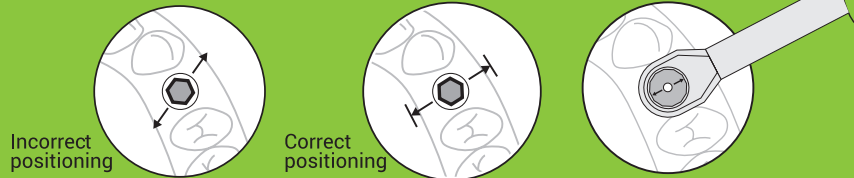
Unlike conventional suprastructures, which are circular in cross section, Bio Line product range is characterized by a natural anatomical shape, which is different for various types of teeth - incisors, canines, premolars and molars.

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.



## Anatomical formation of soft tissues using Bio Line products

8. Perform a gum incision along the top of the alveolar ridge above the implant or use a tissue punch (mucotome) to open the implant plug;
9. In case of invasion of excess bone above the implant surface, remove it, freeing the horizontal surface of the implant;
10. Remove the plug;
11. Choose a healing cap from Bio Line product range according to the thickness of mucosa.
12. Depending on the type of a tooth, Bio Line range includes healing caps of 4 forms for:
  - incisors • canines • premolars • molars;
13. Install and fix the required Bio Line healing cap into the internal hex of the implant using a universal wrench;

*Attention! For convenience and correct installation of the Bio Line healing cap, the arrow is marked on the surface of an adapter. When installing, make sure that this arrow is directed outward perpendicular to the alveolar ridge. This way, you can guarantee the correct position of the healing cap and further a Bio Line abutment in the internal hex of the implant, which will allow you to achieve maximum aesthetics.*

14. Fix the healing cap with an orthopedic screw (included into the kit);
15. Perform necessary manipulations with soft tissue;

## Installation of transfer and impression taking

16. Remove the healing cap with a universal or manual orthopedic wrench;
17. Set the open tray transfer to the implant for taking an impression;
18. Fill impression tray with impression material;
19. Place the impression tray into the patient's oral cavity and wait until the mass hardens;
20. Remove the impression with transfers;
21. Transfer the impression to the laboratory for making a crown;
22. Reinstall the healing cap till the crown is manufactured;

## 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:

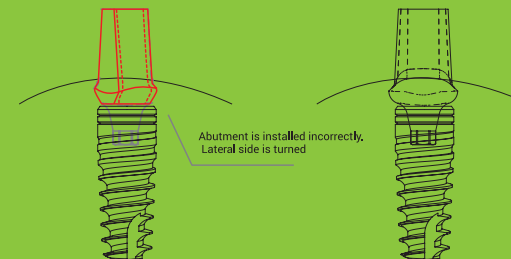
- incisors • canines • premolars • molars;

*Attention! For convenience and correct installation of the Bio Line anatomical 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.

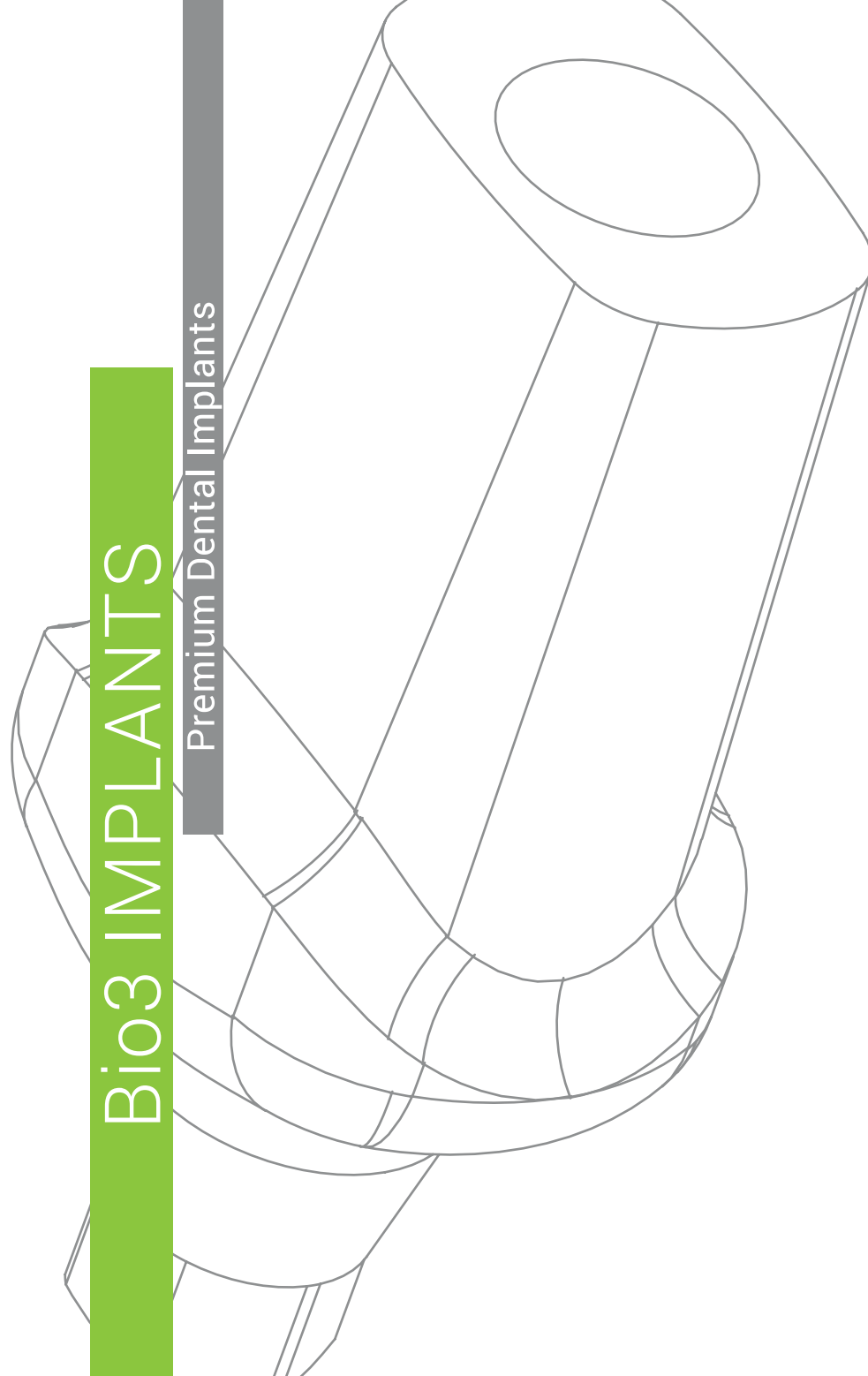
Let's highlight the main benefits of using Bio Line unique prosthetics:

- 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.



# Bio3 IMPLANTS

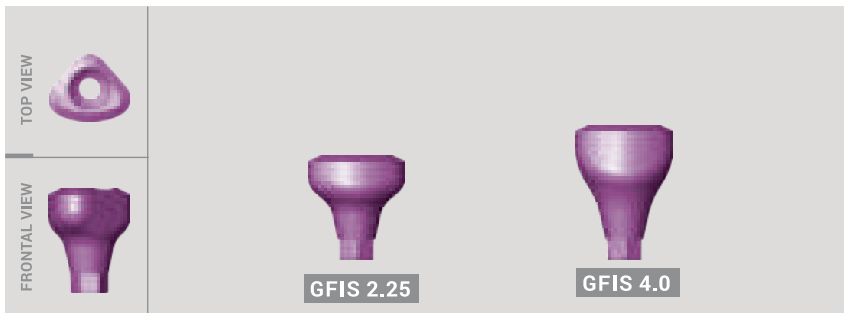
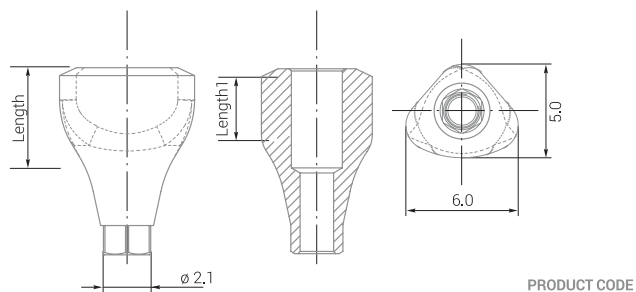
Premium Dental Implants



## Bio LINE

# HEALING CAPS, INCISOR TYPE

## Standard platform



PRODUCT CODE	GFIS 2.25	GFIS 4.0
<b>WIDTH 1</b>	5.0 mm	5.0 mm
<b>WIDTH 2</b>	6.0 mm	6.0 mm
<b>LENGTH</b>	4.1 mm	5.95 mm
<b>LENGTH 1</b>	2.25 mm	4.0 mm

INTERNAL HEX  
**2.1**

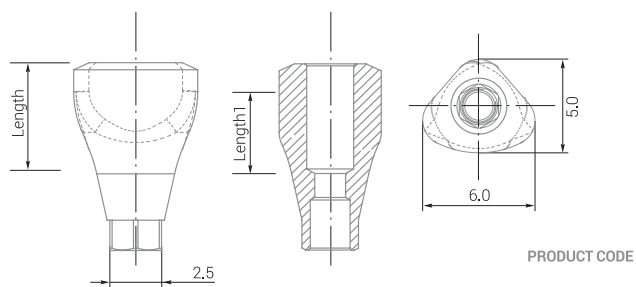
Each abutment set includes:



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

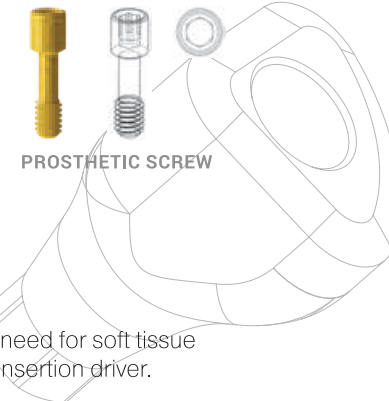
## Wide platform



PRODUCT CODE	GFIB 2.25	GFIB 4.0
<b>WIDTH 1</b>	5.0 mm	5.0 mm
<b>WIDTH 2</b>	6.0 mm	6.0 mm
<b>LENGTH</b>	4.5 mm	6.35 mm
<b>LENGTH 1</b>	2.25 mm	4.0 mm

INTERNAL HEX  
**2.5**

Each abutment set includes:

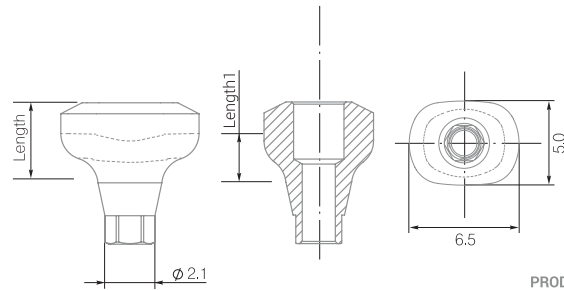


Anatomic design. Formation of constant anatomic gingival volume. Identical to natural incisor form. No need for soft tissue transplantation after the implantation or tooth removal. It is installed using universal or hand prosthetic insertion driver. For wide platform (2.5 mm). Prosthetic screw in each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

**MATERIAL** Titanium Grade 5

# HEALING CAPS, CANINE TYPE

## Standard platform

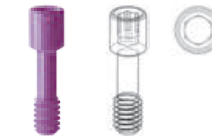


PRODUCT CODE



INTERNAL HEX  
**2.1**

Each abutment set includes:



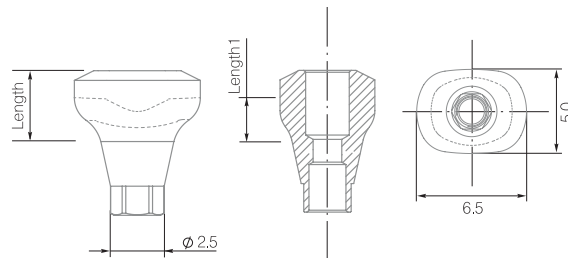
PROSTHETIC SCREW

<b>WIDTH 1</b>	5.0 mm	5.0 mm
<b>WIDTH 2</b>	6.5 mm	6.5 mm
<b>LENGTH</b>	4.1 mm	5.95 mm
<b>LENGTH 1</b>	2.25 mm	4.0 mm

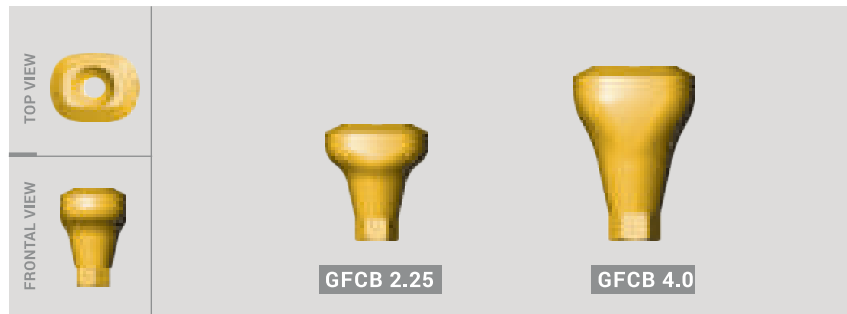
Anatomic design. Formation of constant anatomic gingival volume. Identical to natural canine form. No need for soft tissue transplantation after the implantation or tooth removal. It is installed using universal or hand prosthetic insertion driver. For standard platform (2.1 mm). Prosthetic screw in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

**MATERIAL** Titanium Grade 5

## Wide platform

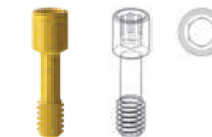


PRODUCT CODE



INTERNAL HEX  
**2.5**

Each abutment set includes:



PROSTHETIC SCREW

<b>WIDTH 1</b>	5.0 mm	5.0 mm
<b>WIDTH 2</b>	6.5 mm	6.5 mm
<b>LENGTH</b>	4.5 mm	6.35 mm
<b>LENGTH 1</b>	2.25 mm	4.0 mm

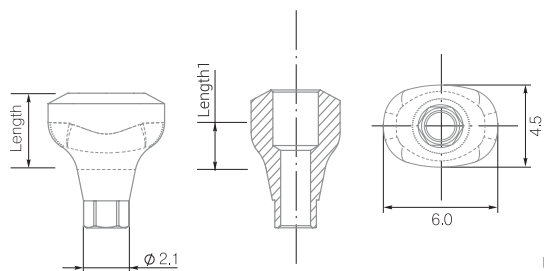
Anatomic design. Formation of constant anatomic gingival volume. Identical to natural canine form. No need for soft tissue transplantation after the implantation or tooth removal. It is installed using universal or hand prosthetic insertion driver. For wide platform (2.5 mm). Prosthetic screw in each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

**MATERIAL** Titanium Grade 5



# HEALING CAPS, PREMOLAR TYPE

## Standard platform



PRODUCT CODE



<b>WIDTH 1</b>	4.5 mm	4.5 mm
<b>WIDTH 2</b>	6.0 mm	6.0 mm
<b>LENGTH</b>	4.1 mm	5.95 mm
<b>LENGTH 1</b>	2.25 mm	4.0 mm

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.

**MATERIAL** Titanium Grade 5

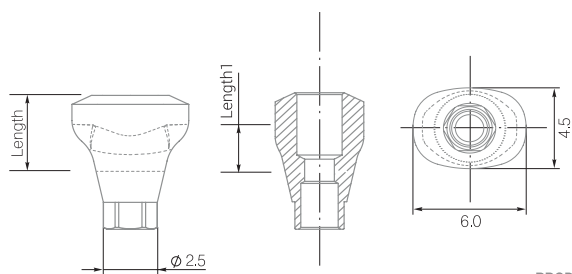
INTERNAL HEX  
**2.1**

Each abutment set includes:



PROSTHETIC SCREW

## Wide platform



PRODUCT CODE



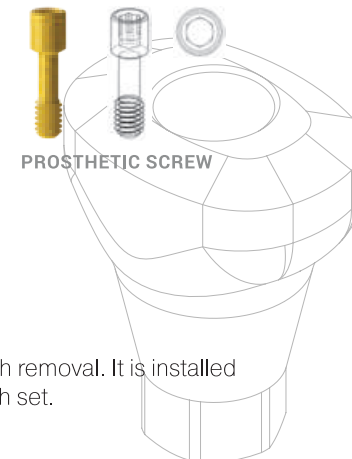
<b>WIDTH 1</b>	4.5 mm	4.5 mm
<b>WIDTH 2</b>	6.0 mm	6.0 mm
<b>LENGTH</b>	4.5 mm	6.35 mm
<b>LENGTH 1</b>	2.25 mm	4.0 mm

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.

**MATERIAL** Titanium Grade 5

INTERNAL HEX  
**2.5**

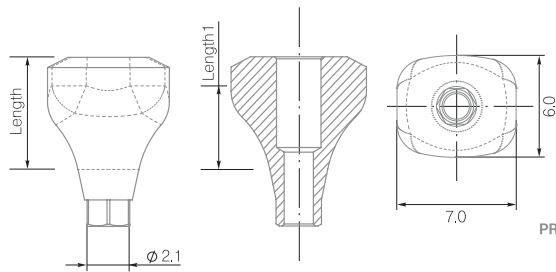
Each abutment set includes:



PROSTHETIC SCREW

# HEALING CAPS, MOLAR TYPE

## Standard platform

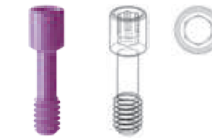


PRODUCT CODE



INTERNAL HEX  
**2.1**

Each abutment set includes:



PROSTHETIC SCREW

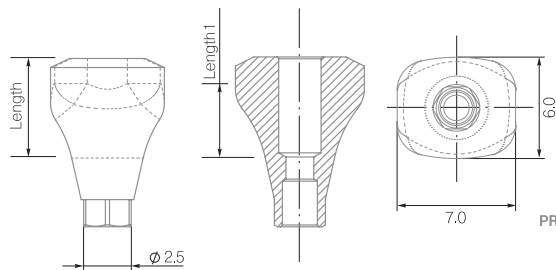
<b>WIDTH 1</b>	6.0 mm	6.0 mm
<b>WIDTH 2</b>	7.0 mm	7.0 mm
<b>LENGTH</b>	4.1 mm	5.95 mm
<b>LENGTH 1</b>	2.25 mm	4.0 mm

Anatomic design. Formation of constant anatomic gingival volume.

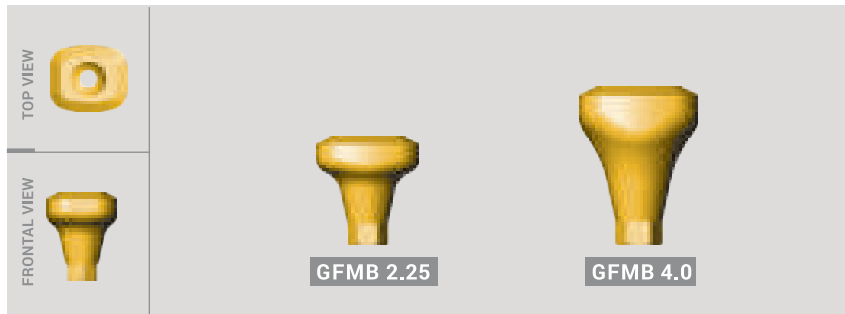
Identical to natural molar form. No need for soft tissue transplantation after the implantation or tooth removal. It is installed using universal or hand prosthetic insertion driver. For standard platform (2.1 mm). Prosthetic screw in each set.

**MATERIAL** Titanium Grade 5

## Wide platform

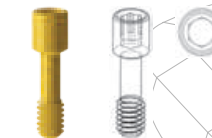


PRODUCT CODE



INTERNAL HEX  
**2.5**

Each abutment set includes:



PROSTHETIC SCREW

<b>WIDTH 1</b>	6.0 mm	6.0 mm
<b>WIDTH 2</b>	7.0 mm	7.0 mm
<b>LENGTH</b>	4.5 mm	6.35 mm
<b>LENGTH 1</b>	2.25 mm	4.0 mm

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.

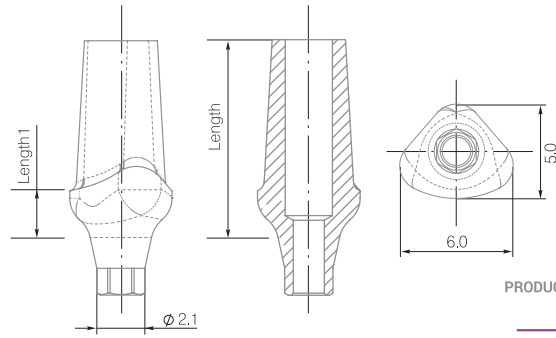
It is installed using universal or hand prosthetic insertion driver. For wide platform (2.5 mm).

Prosthetic screw in each set.

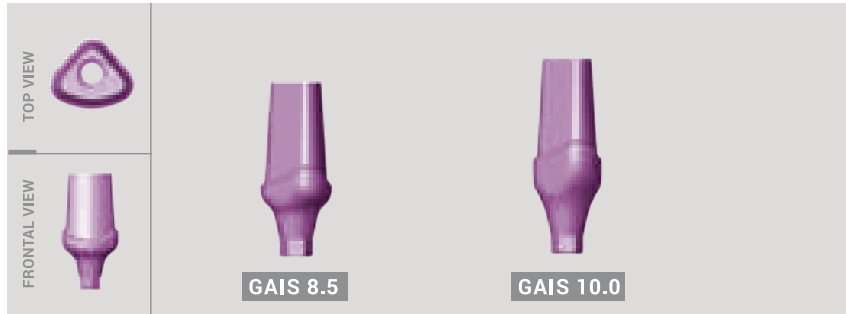
**MATERIAL** Titanium Grade 5

# STRAIGHT ABUTMENTS, INCISOR TYPE

## Standard platform



PRODUCT CODE

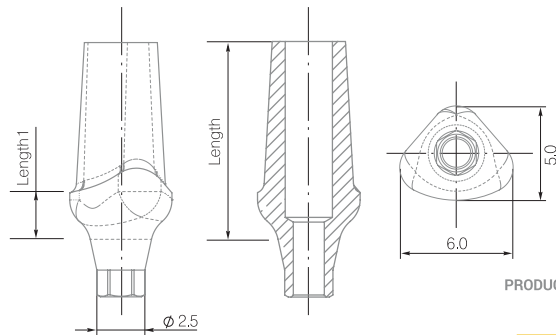


<b>WIDTH 1</b>	5.0 mm	5.0 mm
<b>WIDTH 2</b>	6.0 mm	6.0 mm
<b>LENGTH</b>	10.0 mm	11.85 mm
<b>LENGTH 1</b>	2.7 mm	4.5 mm

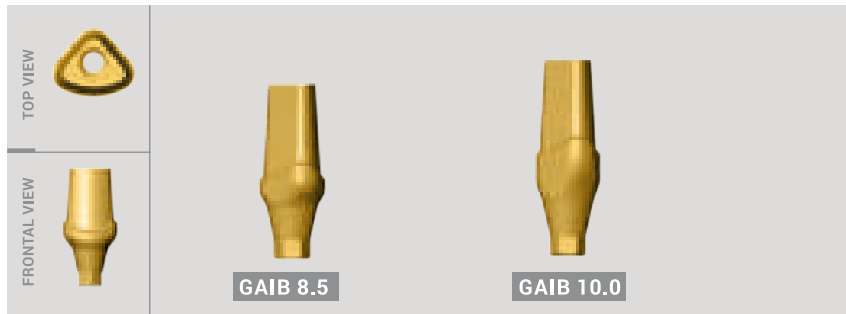
Biological construction identical to natural incisor form. Wide range of shapes, heights and shoulders. Scalloped edges comply with the contour of gingival margin. It is installed using universal or hand prosthetic insertion driver. For standard platform (2.1 mm). Prosthetic screw in each set.

**MATERIAL** Titanium Grade 5

## Wide platform



PRODUCT CODE



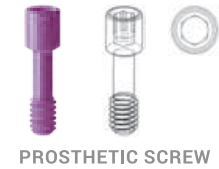
<b>WIDTH 1</b>	4.5 mm	4.5 mm
<b>WIDTH 2</b>	6.0 mm	6.0 mm
<b>LENGTH</b>	10.40 mm	11.85 mm
<b>LENGTH 1</b>	3.10 mm	5.0 mm

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

INTERNAL HEX  
**2.1**

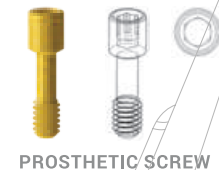
Each abutment set includes:



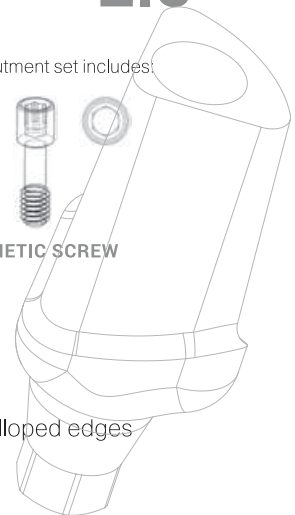
PROSTHETIC SCREW

INTERNAL HEX  
**2.5**

Each abutment set includes:

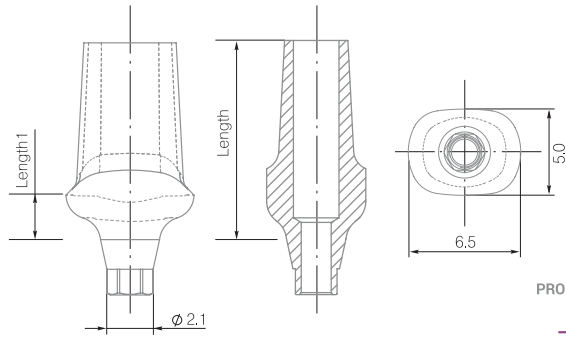


PROSTHETIC SCREW



# STRAIGHT ABUTMENTS, CANINE TYPE

## Standard platform

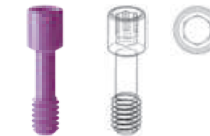


PRODUCT CODE



INTERNAL HEX  
**2.1**

Each abutment set includes:



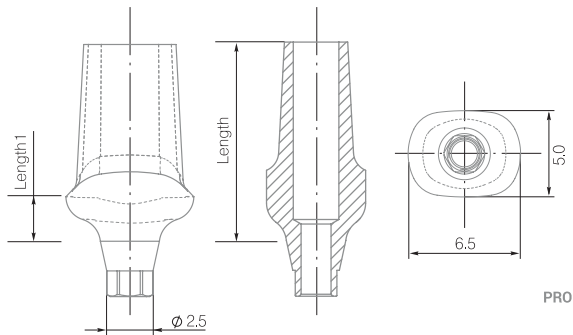
PROSTHETIC SCREW

<b>WIDTH 1</b>	5.0 mm	5.0 mm
<b>WIDTH 2</b>	6.5 mm	6.5 mm
<b>LENGTH</b>	10.4 mm	12.25 mm
<b>LENGTH 1</b>	2.7 mm	4.5 mm

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.

**MATERIAL** Titanium Grade 5

## Wide platform

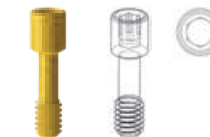


PRODUCT CODE



INTERNAL HEX  
**2.5**

Each abutment set includes:



PROSTHETIC SCREW

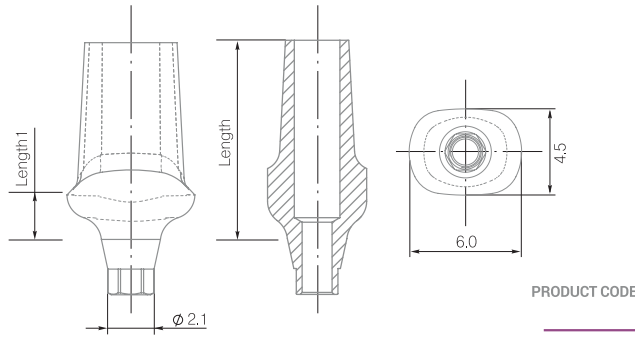
<b>WIDTH 1</b>	5.0 mm	5.0 mm
<b>WIDTH 2</b>	6.5 mm	6.5 mm
<b>LENGTH</b>	10.80 mm	12.65 mm
<b>LENGTH 1</b>	3.10 mm	5.0 mm

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.

**MATERIAL** Titanium Grade 5

# STRAIGHT ABUTMENTS, PREMOLAR TYPE

## Standard platform



PRODUCT CODE



<b>WIDTH 1</b>	4.5 mm	4.5 mm
<b>WIDTH 2</b>	6.0 mm	6.0 mm
<b>LENGTH</b>	10.4 mm	12.25 mm
<b>LENGTH 1</b>	2.7 mm	4.5 mm

INTERNAL HEX  
**2.1**

Each abutment set includes:

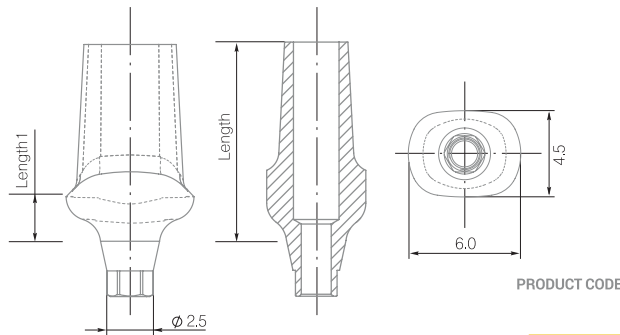


PROSTHETIC SCREW

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.

**MATERIAL** Titanium Grade 5

## Wide platform



PRODUCT CODE



<b>WIDTH 1</b>	4.5 mm	4.5 mm
<b>WIDTH 2</b>	6.0 mm	6.0 mm
<b>LENGTH</b>	10.8 mm	12.65 mm
<b>LENGTH 1</b>	3.10 mm	5.0 mm

INTERNAL HEX  
**2.5**

Each abutment set includes:



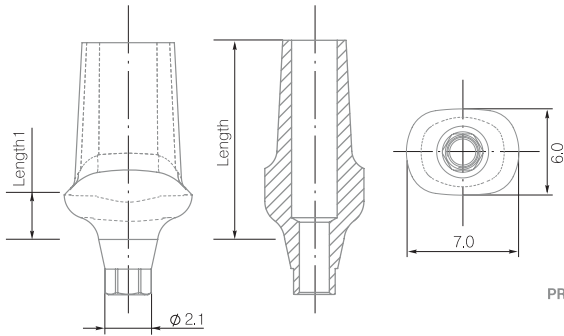
PROSTHETIC SCREW

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



PRODUCT CODE



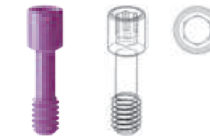
<b>WIDTH 1</b>	6.0 mm	6.0 mm
<b>WIDTH 2</b>	7.0 mm	7.0 mm
<b>LENGTH</b>	9.0 mm	10.85 mm
<b>LENGTH 1</b>	2.7 mm	4.5 mm

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.

**MATERIAL** Titanium Grade 5

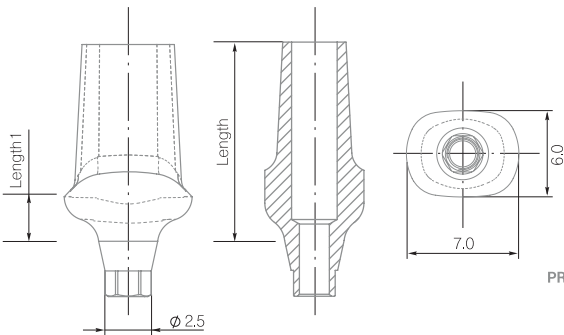
INTERNAL HEX  
**2.1**

Each abutment set includes:

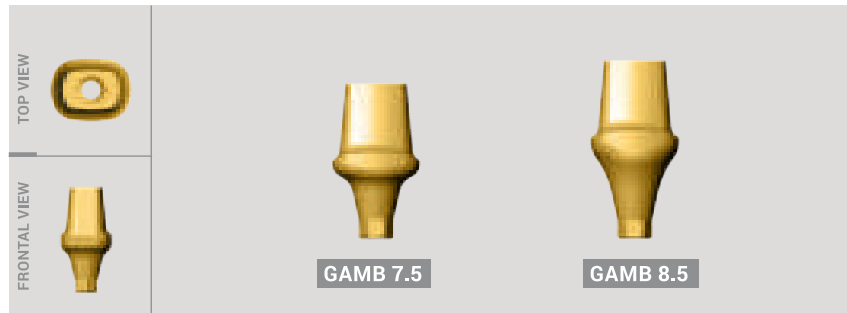


PROSTHETIC SCREW

## Wide platform



PRODUCT CODE



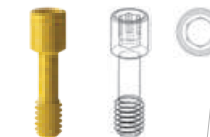
<b>WIDTH 1</b>	6.0 mm	6.0 mm
<b>WIDTH 2</b>	7.0 mm	7.0 mm
<b>LENGTH</b>	9.40 mm	11.25 mm
<b>LENGTH 1</b>	3.10 mm	5.0 mm

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.

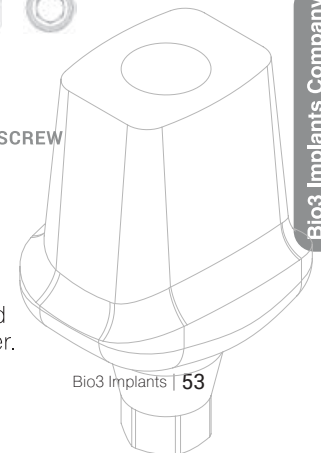
**MATERIAL** Titanium Grade 5

INTERNAL HEX  
**2.5**

Each abutment set includes:



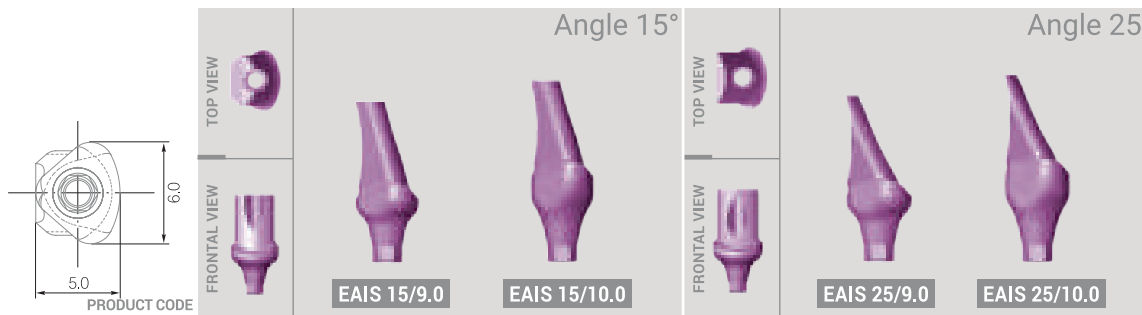
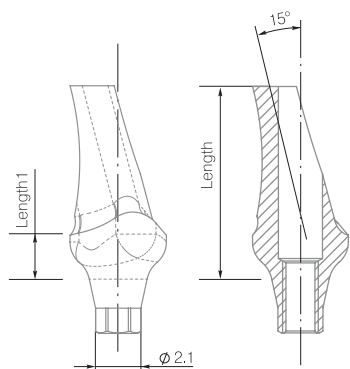
PROSTHETIC SCREW





# ANGULATED ABUTMENTS INCISOR TYPE 15° / 25°

## Standard platform



<b>WIDTH 1</b>	5.0 mm	5.0 mm	5.0 mm	5.0 mm
<b>WIDTH 2</b>	6.0 mm	6.0 mm	6.0 mm	6.0 mm
<b>LENGTH</b>	10.4 mm	12.25 mm	10.4 mm	12.25 mm
<b>LENGTH 1</b>	2.7 mm	4.5 mm	2.7 mm	4.5 mm

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

**MATERIAL** Titanium Grade 5

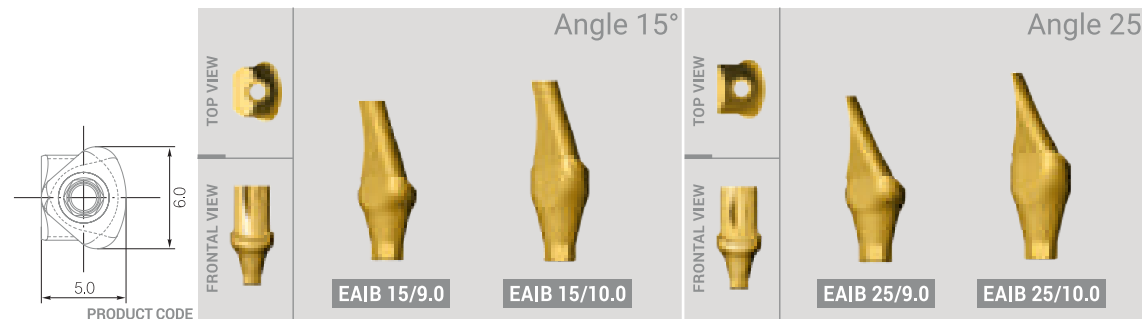
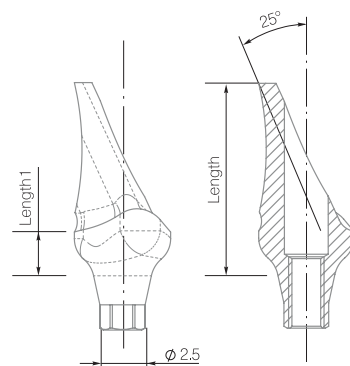
INTERNAL HEX  
**2.1**

Each abutment set includes:



PROSTHETIC SCREW

## Wide platform



<b>WIDTH 1</b>	5.0 mm	5.0 mm	5.0 mm	5.0 mm
<b>WIDTH 2</b>	6.0 mm	6.0 mm	6.0 mm	6.0 mm
<b>LENGTH</b>	10.80 mm	12.65 mm	10.80 mm	12.65 mm
<b>LENGTH 1</b>	3.1 mm	5.0 mm	3.1 mm	5.0 mm

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.

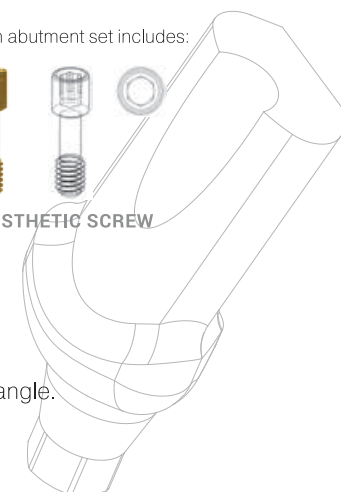
**MATERIAL** Titanium Grade 5

INTERNAL HEX  
**2.5**

Each abutment set includes:

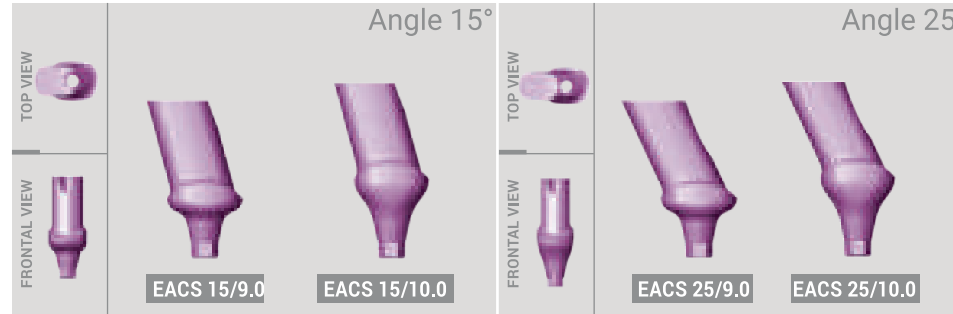
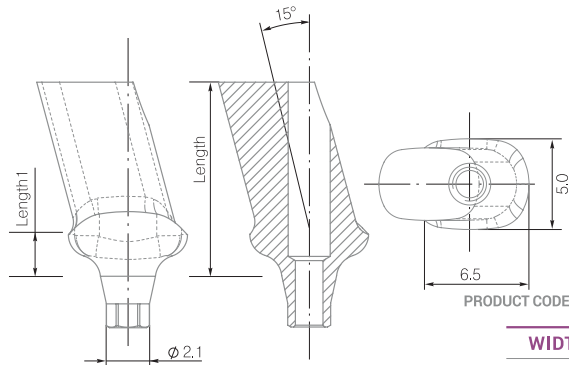


PROSTHETIC SCREW



# ANGULATED ABUTMENTS CANINE TYPE 15° / 25°

## Standard platform



<b>WIDTH 1</b>	5.0 mm	5.0 mm	5.0 mm	5.0 mm
<b>WIDTH 2</b>	6.5 mm	6.5 mm	6.5 mm	6.5 mm
<b>LENGTH</b>	11.0 mm	12.85 mm	11.0 mm	12.85 mm
<b>LENGTH 1</b>	2.7 mm	4.5 mm	2.7 mm	4.5 mm

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

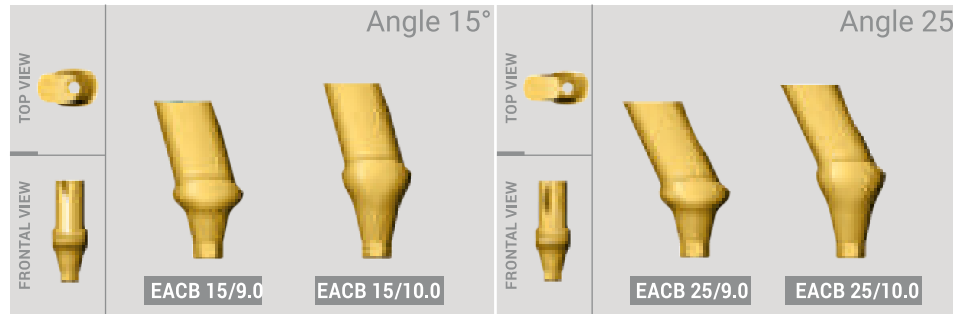
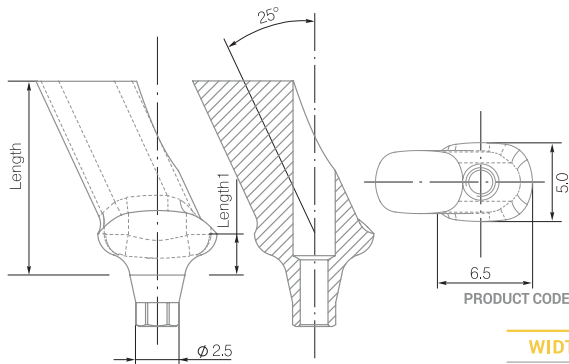
INTERNAL HEX  
**2.1**

Each abutment set includes:



PROSTHETIC SCREW

## Wide platform



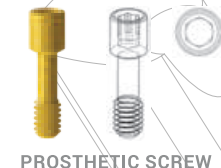
<b>WIDTH 1</b>	5.0 mm	5.0 mm	5.0 mm	5.0 mm
<b>WIDTH 2</b>	6.5 mm	6.5 mm	6.5 mm	6.5 mm
<b>LENGTH</b>	11.4 mm	13.25 mm	11.4 mm	13.25 mm
<b>LENGTH 1</b>	3.10 mm	5.0 mm	3.10 mm	5.0 mm

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

INTERNAL HEX  
**2.5**

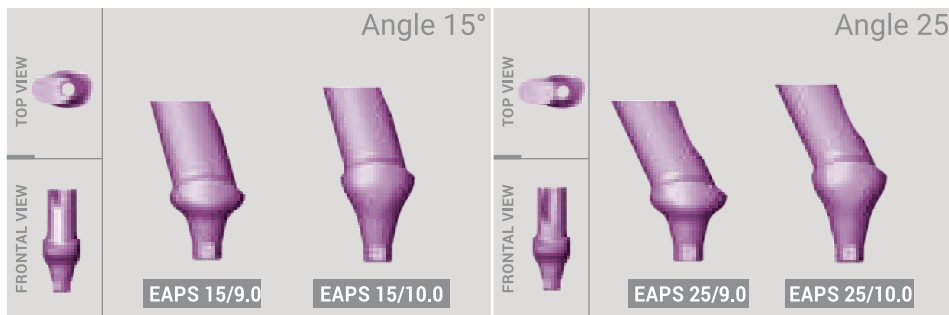
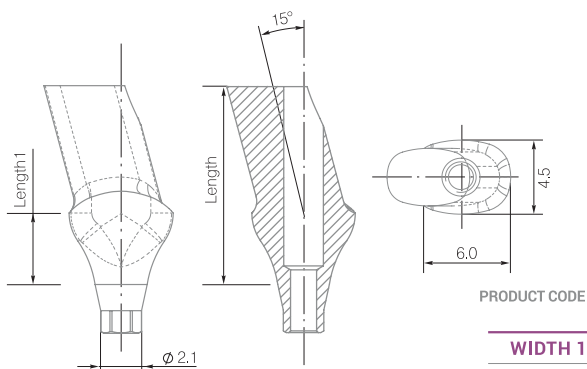
Each abutment set includes:



PROSTHETIC SCREW

# ANGULATED ABUTMENTS PREMOLAR TYPE TYPE 15° / 25°

## Standard platform



	EAPS 15/9.0	EAPS 15/10.0	EAPS 25/9.0	EAPS 25/10.0
<b>WIDTH 1</b>	4.5 mm	4.5 mm	4.5 mm	4.5 mm
<b>WIDTH 2</b>	6.0 mm	6.0 mm	6.0 mm	6.0 mm
<b>LENGTH</b>	10.0 mm	11.85 mm	10.0 mm	11.85 mm
<b>LENGTH 1</b>	2.7 mm	4.5 mm	2.7 mm	4.5 mm

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). Prosthetic screw in each set.

**MATERIAL** Titanium Grade 5

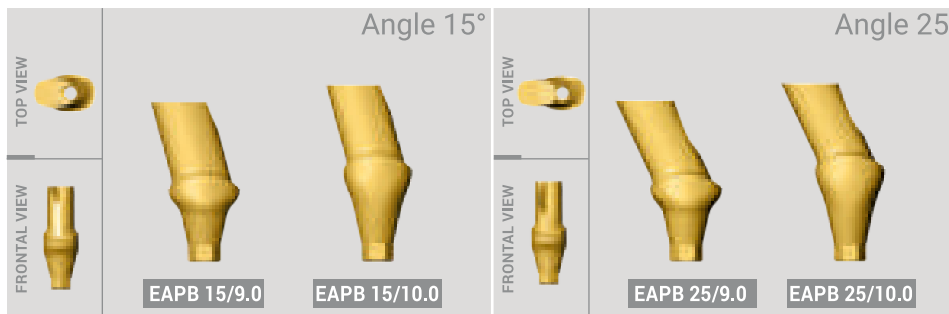
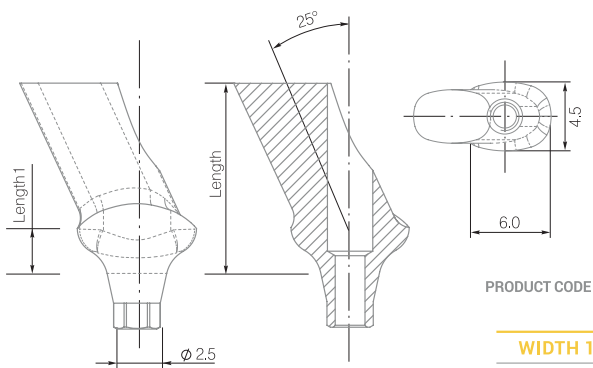
INTERNAL HEX  
**2.1**

Each abutment set includes:



PROSTHETIC SCREW

## Wide platform



	EAPB 15/9.0	EAPB 15/10.0	EAPB 25/9.0	EAPB 25/10.0
<b>WIDTH 1</b>	4.5 mm	4.5 mm	4.5 mm	4.5 mm
<b>WIDTH 2</b>	6.0 mm	6.0 mm	6.0 mm	6.0 mm
<b>LENGTH</b>	10.4 mm	12.25 mm	10.4 mm	12.25 mm
<b>LENGTH 1</b>	3.10 mm	5.0 mm	3.10 mm	5.0 mm

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

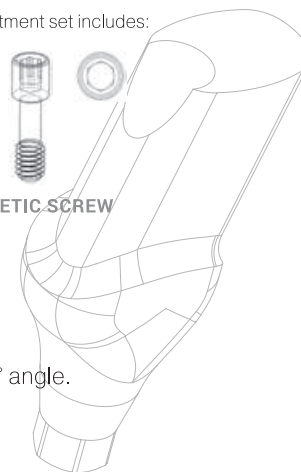
**MATERIAL** Titanium Grade 5

INTERNAL HEX  
**2.5**

Each abutment set includes:

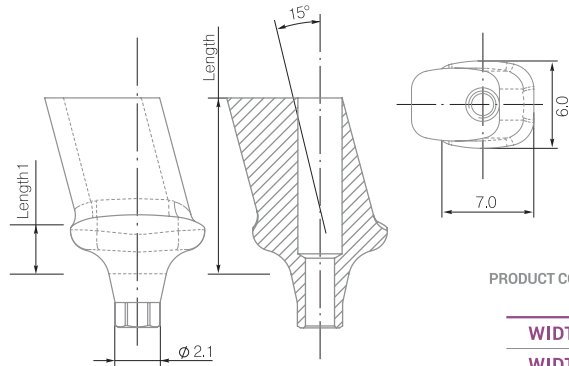


PROSTHETIC SCREW

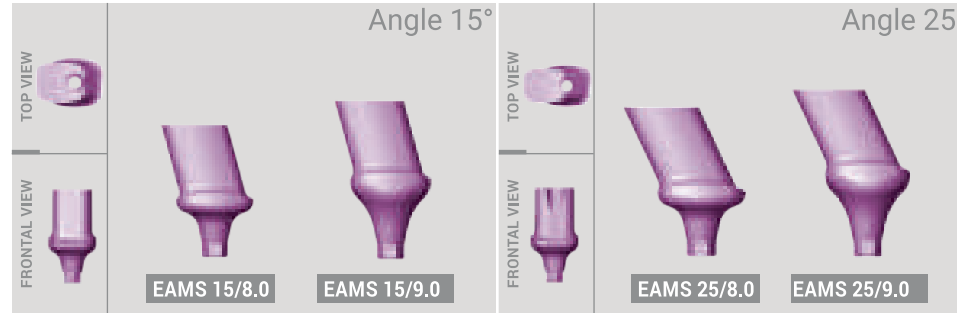


# ANGULATED ABUTMENTS MOLAR TYPE 15° / 25°

## Standard platform



PRODUCT CODE



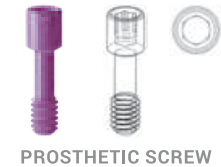
<b>WIDTH 1</b>	6.0 mm	6.0 mm	6.0 mm	6.0 mm
<b>WIDTH 2</b>	7.0 mm	7.0 mm	7.0 mm	7.0 mm
<b>LENGTH</b>	9.6 mm	11.45 mm	9.6 mm	11.45 mm
<b>LENGTH 1</b>	2.7 mm	4.5 mm	2.7 mm	4.5 mm

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.

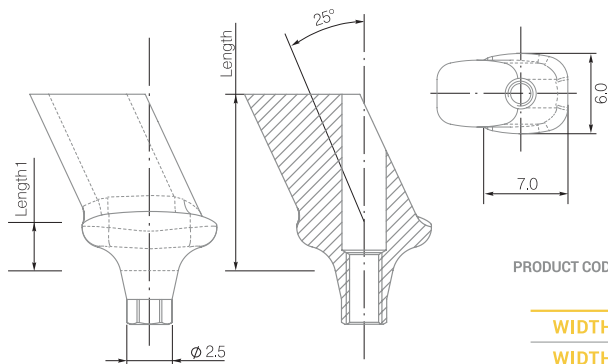
**MATERIAL** Titanium Grade 5

INTERNAL HEX  
**2.1**

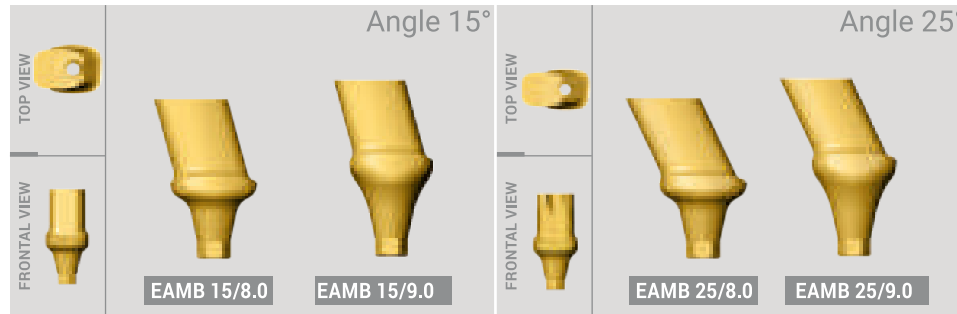
Each abutment set includes:



## Wide platform



PRODUCT CODE



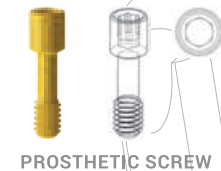
<b>WIDTH 1</b>	6.0 mm	6.0 mm	6.0 mm	6.0 mm
<b>WIDTH 2</b>	7.0 mm	7.0 mm	7.0 mm	7.0 mm
<b>LENGTH</b>	10.0 mm	11.85 mm	10.0 mm	11.85 mm
<b>LENGTH 1</b>	3.10 mm	5.0 mm	3.10 mm	5.0 mm

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.

**MATERIAL** Titanium Grade 5

INTERNAL HEX  
**2.5**

Each abutment set includes:



## 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



- High-class surgical steel
- Fast and simple implant placement
- Two sets of stoppers
- Compact size

# 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

mm



MATERIAL: SURGICAL STEEL

## DRILL STOPPERS

Stoppers for drills diameter – 2.0 and 2.8

For drilling depth limitation

mm



MATERIAL: SURGICAL STEEL

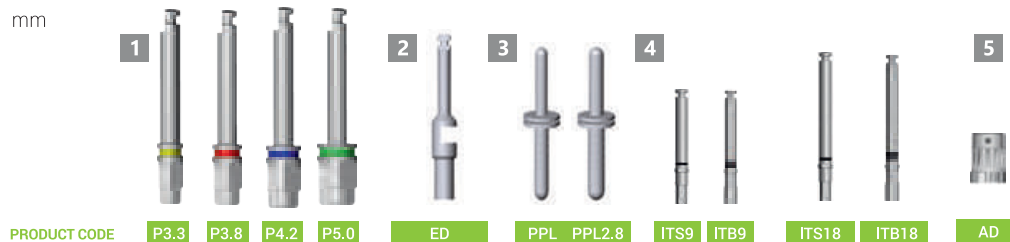
**NOTE:**

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.

## 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

mm



MATERIAL: SURGICAL STEEL

## 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



MATERIAL: SURGICAL STEEL



## Bio3 GUIDE SURGICAL KIT



GSK

**STANDARD  
PLATFORM**

**WIDE  
PLATFORM**



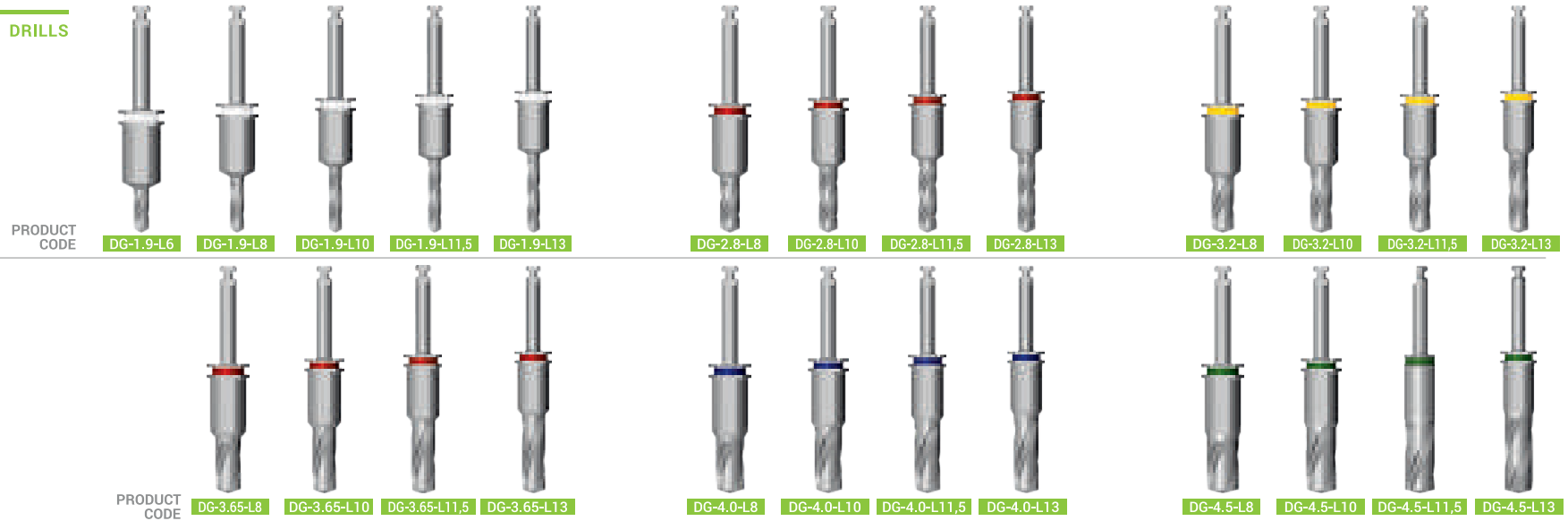
*\*is not included in GUID SURGICAL KIT, can be ordered additionally*

*\*\*Surgical guide's drilling template can be printed in any available technical laboratory.*

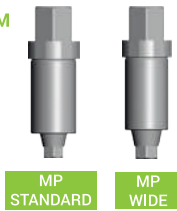


# COMPONENTS OF THE SURGICAL GUIDE KIT

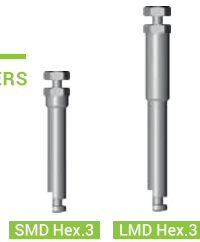
## DRILLS



## MOUNTER PLATFORM



## MOUNT DRIVERS



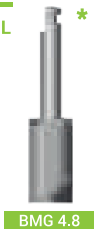
## RATCHET ADAPTOR



## TISSUE PUNCH



## BONE MILL \*



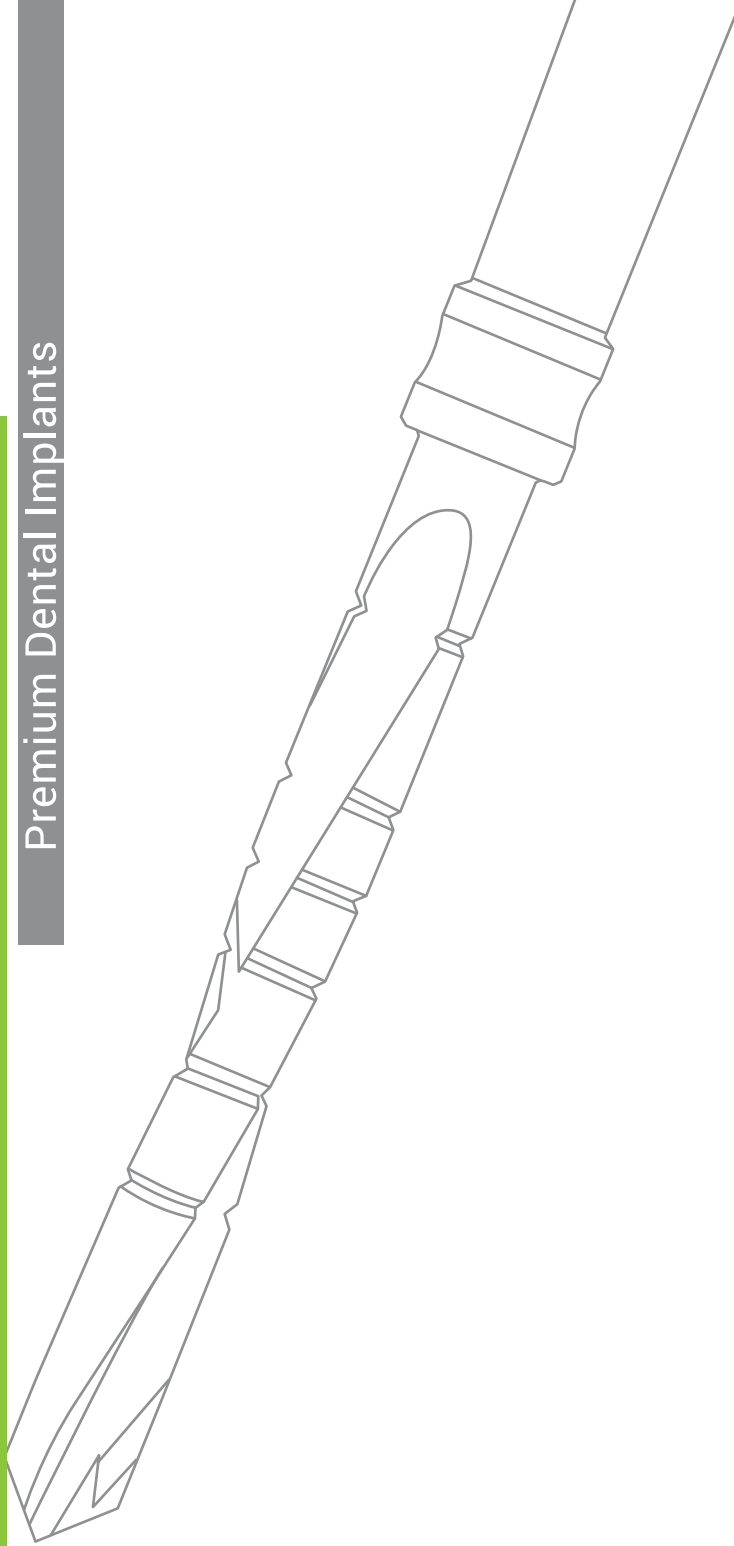
## UNIVERSAL SCREWDRIVER FOR SCREWS 9 mm and 18 mm



\* is not included in GSK, can be order additionally

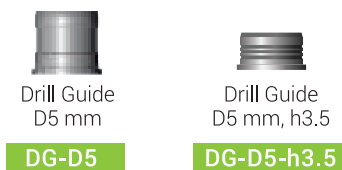
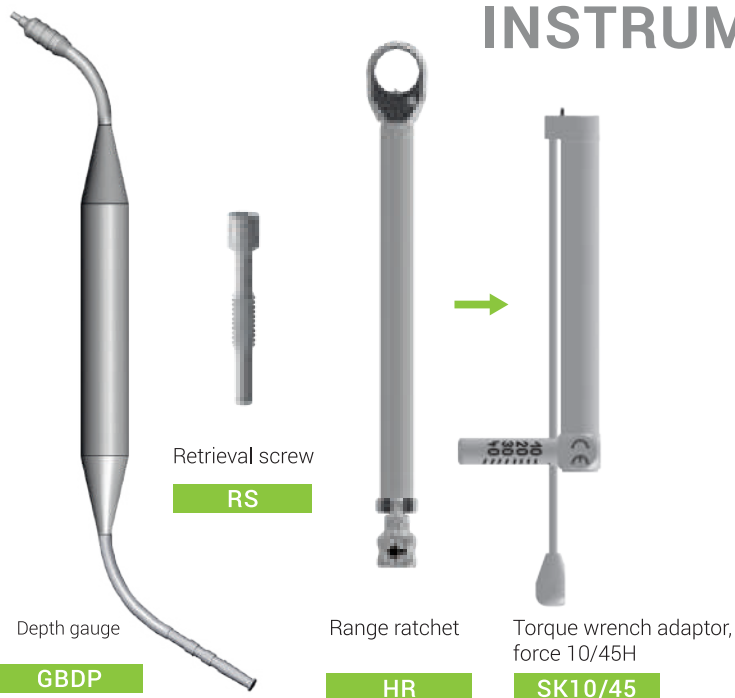
# Bio3 IMPLANTS

Premium Dental Implants

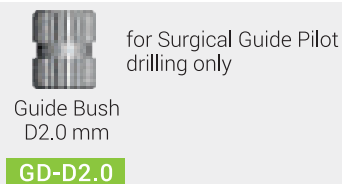


## INSTRUMENTS

# INSTRUMENTS



Drill guide is placed inside the prepared surgical guide and is intended for guiding of the surgical drills and implant placement.



## IMPLANT DRIVERS

	STANDARD PLATFORM		WIDE PLATFORM	
DIAMETER	2.1 mm	2.1 mm	2.5 mm	2.5 mm
LENGTH	9 mm	18 mm	9 mm	18 mm



PRODUCT CODE **IS9 IS18 IB9 IB18**

Implant driver of a various length – 9 mm and 18 mm for range ratchet  
MATERIAL Surgical steel

## IMPLANT DRIVER ADAPTERS

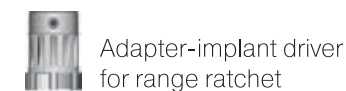
	STANDARD PLATFORM		WIDE PLATFORM	
DIAMETER	2.1 mm	2.1 mm	2.5 mm	2.5 mm
LENGTH	9 mm	18 mm	9 mm	18 mm



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



**AD**

# STOPPERS FOR PILOT DRILLS

DIAMETER 2.8 mm

DIAMETER 4.7-3.0 mm

Stoppers for cylinder pilot drills, diameter 2.0 and 2.8 mm

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



LB2.8/

8

10

11.5

13

LB4.7-3.0/

8

10

11.5

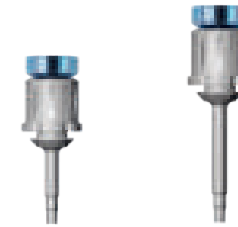
13

MATERIAL 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.

# WRENCHES FOR SUPRASTRUCTURES

For both platforms



SU9

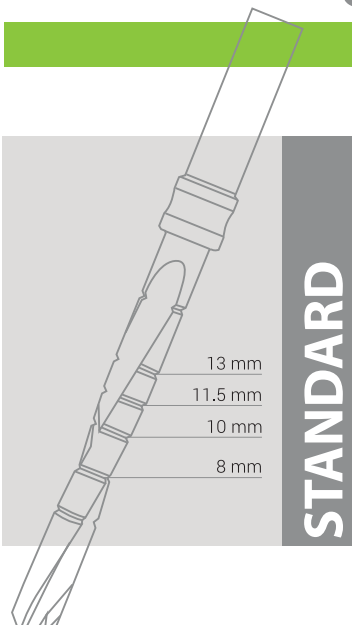
SU18

MATERIAL Surgical steel

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

# SURGICAL TAPERED DRILLS

Diamond-like coating



STANDARD PLATFORM

WIDE PLATFORM

MARK DRILL



TCB1.5  
1.5 mm

CYLINDRICAL PILOT DRILLS



TCB2.0  
2.0 mm



TCS2.8  
2.8 mm

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.



TCS3.0  
3.0 mm



TCS3.5  
3.5 mm



TCS3.9  
3.9 mm



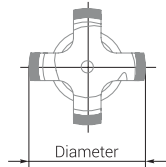
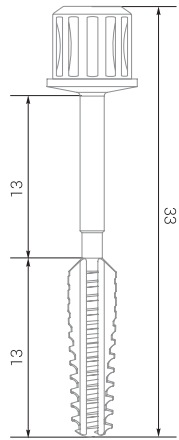
TCS4.7  
4.7 mm

MATERIAL Surgical steel

Diameter

# BONE TAPS FOR Bio3 PROGRESSIVE IMPLANTS

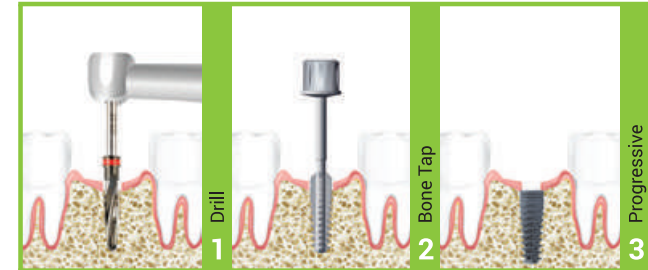
## Bio3 Progressive



PRODUCT CODE



DIAMETER	3.3 mm	3.8 mm	4.2 mm	5.0 mm
LENGTH	13 mm	13 mm	13 mm	13 mm

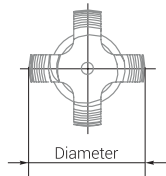
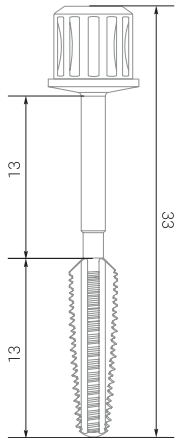


Bone taps for Progressive implants.  
It is recommended to use them for I and II bone types.  
For range ratchet.

**MATERIAL** Surgical steel

# BONE TAPS FOR Bio3 ADVANCED IMPLANTS

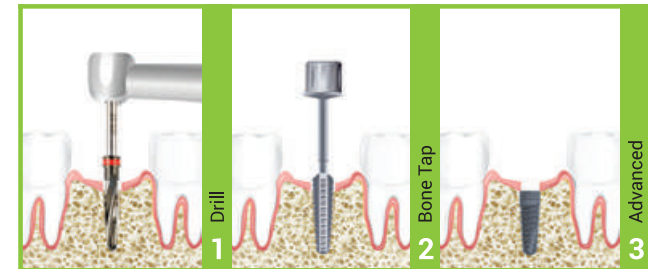
## Bio3 Advanced



PRODUCT CODE



DIAMETER	3.3 mm	3.8 mm	4.2 mm	5.0 mm
LENGTH	13 mm	13 mm	13 mm	13 mm



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

**MATERIAL** Surgical steel

# Bio3 IMPLANTS

Premium Dental Implants



SUPPORTIVE PRODUCTS

# MATERIAL FOR BONE REGENERATION **Bio3 BONE**

## MATERIAL FOR BONE REGENERATION

### NATURAL OSTEOPLASTIC MATERIAL MADE OF HIGHLY PURIFIED BULL BONE



**Bio3 BONE 2 - 1 mm** – possesses osteogenic properties and high biological compatibility with strongly marked hydrophilic properties. Due to a three-dimensional porous structure of hydroxiapatite 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 Switzerland 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.



### BULL BONE (1 - 2 mm)

B3G102005	Bio3Bone Microchips (0,5 g) 1 ml
B3G102010	Bio3Bone Microchips (1 g) 2 ml
B3G102020	Bio3Bone Microchips (2 g) 4 ml



# Bio3 PENGUIN MONITOR OSSEOINTEGRATION



## Penguin<sup>RFA</sup> – 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<sup>RFA</sup> provides accurate and objective measurements of implant stability, serving as a reliable support when taking decisions when to load.



55002 Bio3

- ▶ Autoclavable 20 times
- ▶ ISQ Standard Calibrated™
- ▶ Optimal platform fit
- ▶ Laser marked with type number



55039 Bio3

MultiTipeg™ for **standard** platform

55067 Bio3

MultiTipeg™ for **wide** platform

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



55003 Bio3

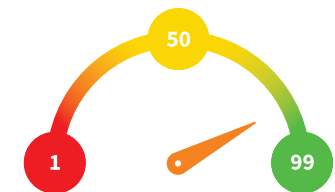
MultiTipeg Driver Replacement (different for various systems)

## 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.

## Monitor Osseointegration

- ▶ Reduce treatment time
- ▶ Manage risk patients
- ▶ For immediate and postponed loading



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.

# Bio3 VITAMIN COMPLEX

New and unique product by Bio3 Implants is a specially developed vitamin complex for better osseointegration

**Bio3**  
FORMULA



BV



## Pre Implant Complex. *Power 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.

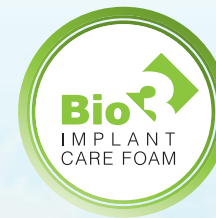
## Regenera Complex. *Capsules.*

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.



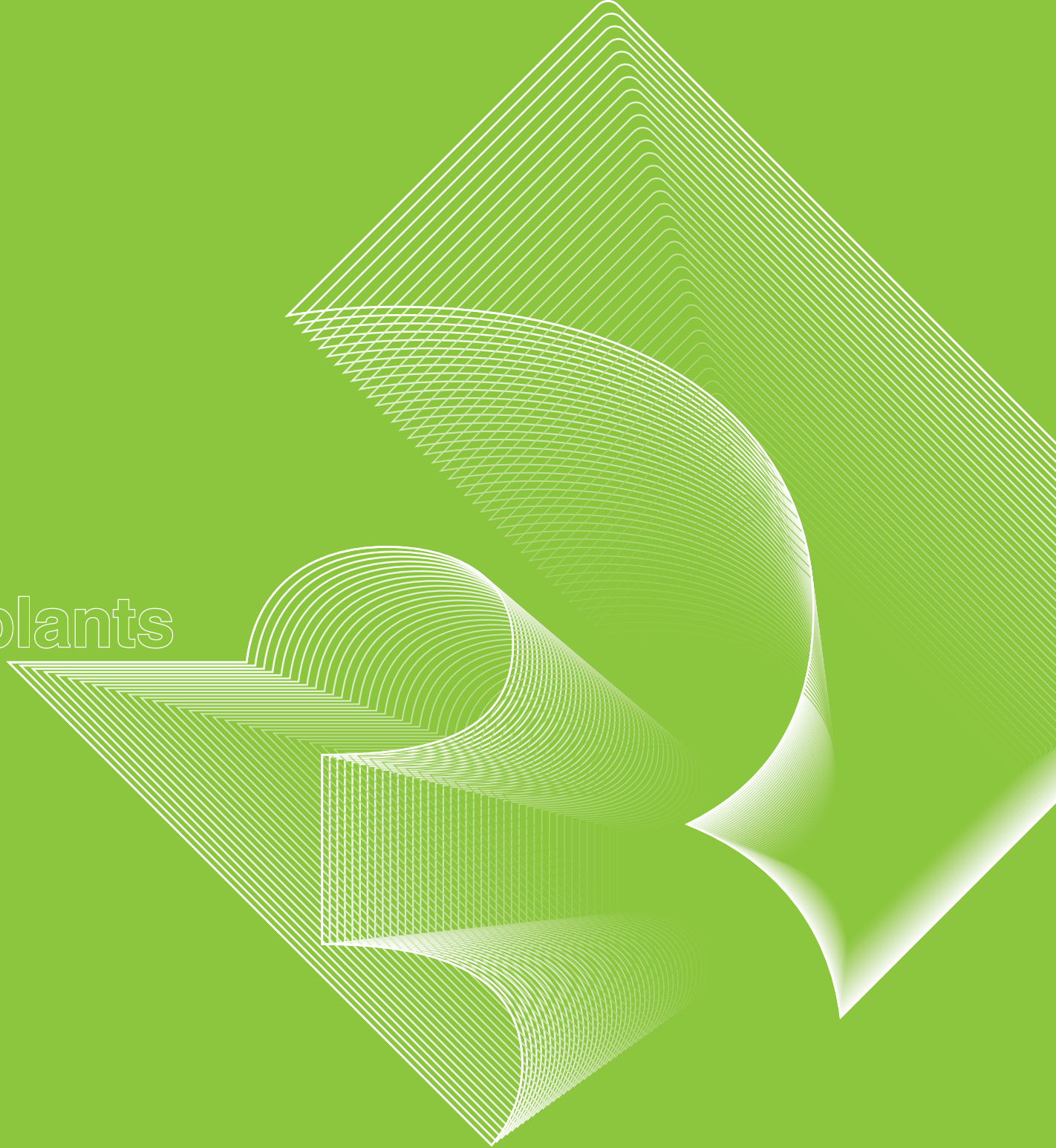




*It is Natural*



# Bio3 Implants



## PRODUCT CATALOG



Bio3 Implants GmbH  
Hanauer Strasse, 8, 75181, Pforzheim, Germany  
[www.bio3-implants.com](http://www.bio3-implants.com)

شرکت دیان سلامت دندان  
نماینده انحصاری محصولات Bio3 آلمان  
قائم مقام فراهانی، بالاتر از تقاطع مطهری، کوچه دوم  
پلاک ۱۷، طبقه ۲، واحد ۲ | تلفن: ۸۸۱۷۷۲۵۷  
وبسایت: [www.diansalamat.com](http://www.diansalamat.com)  
ایمیل: [info@diansalamat.com](mailto:info@diansalamat.com)

