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OUR PRODUCTS

Bio3 BONE GRAFT

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Bio3 OSSEOINTEGRATION MONITOR

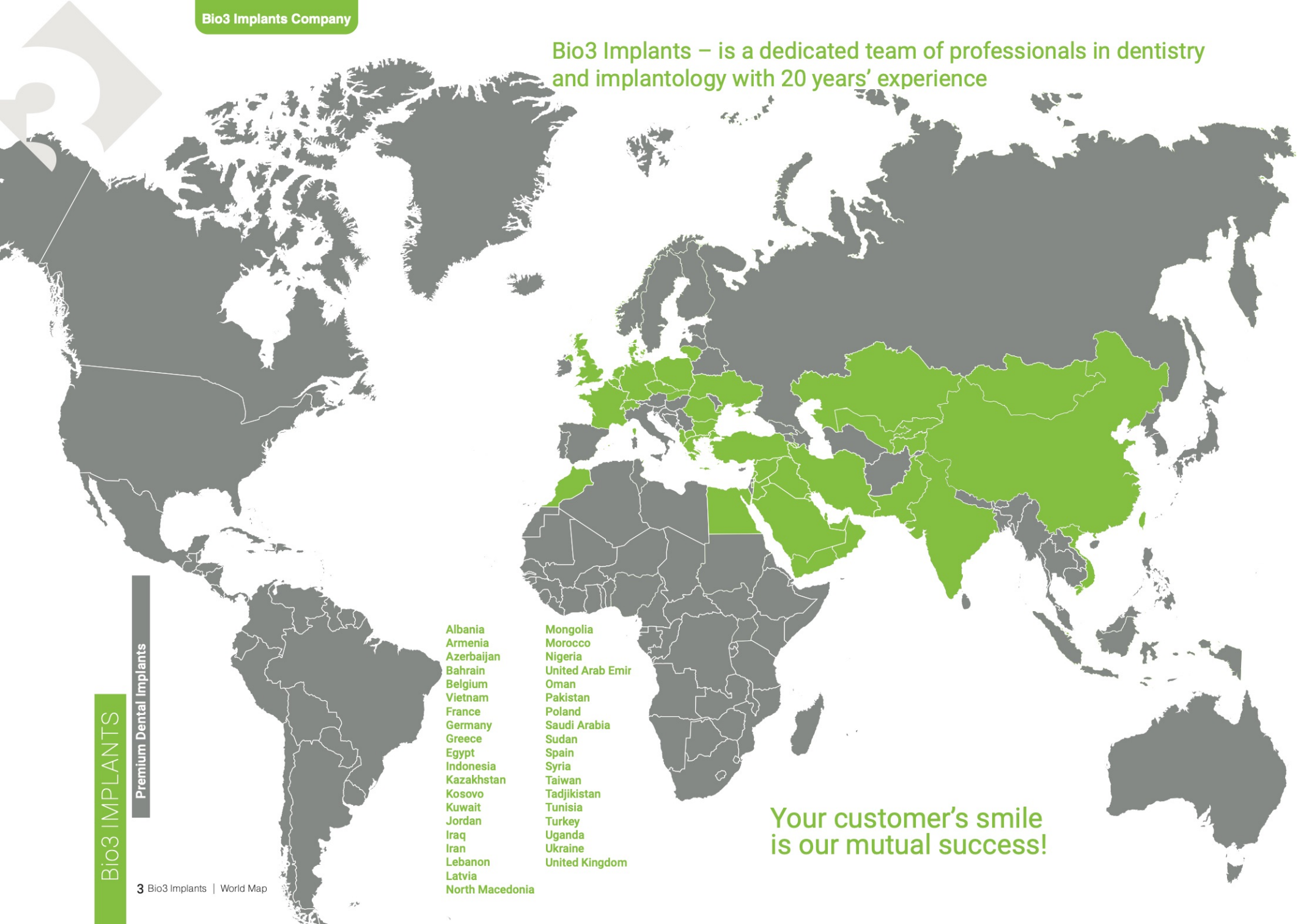
see page 52



Bio3 VITAMIN COMPLEX

see page 53

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



Albania
Armenia
Azerbaijan
Bahrain
Belgium
Vietnam
France
Germany
Greece
Egypt
Indonesia
Kazakhstan
Kosovo
Kuwait
Jordan
Iraq
Iran
Lebanon
Latvia
North Macedonia

Mongolia
Morocco
Nigeria
United Arab Emir
Oman
Pakistan
Poland
Saudi Arabia
Sudan
Spain
Syria
Taiwan
Tadjikistan
Tunisia
Turkey
Uganda
Ukraine
United Kingdom

Your customer's smile
is our mutual success!

Bio3 IMPLANTS CONNECTION

Premium Tapered Implants Range

Bio3 Conical
Connection



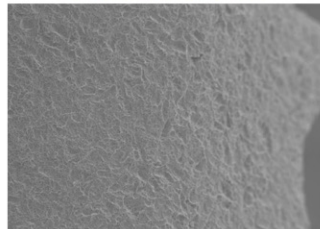
BIO3 TAPERED IMPLANT SYSTEM PROVIDES AN IDEALLY TIGHT CONNECTION BETWEEN THE IMPLANT AND THE ABUTMENT

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.

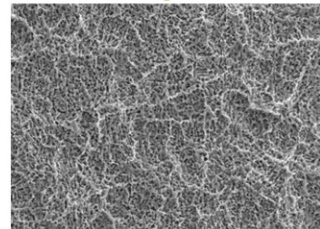
These unique properties allow to perform orthopedic rehabilitation at an earlier stage and reduce the risk in the process of implant placement under one-stage protocol.

Bio3 IMPLANTS SURFACE

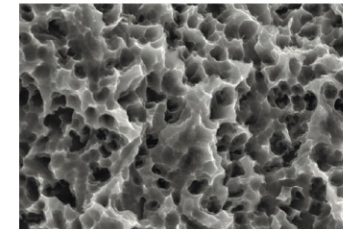
1800 magnification



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.

Premium Tapered Implants Range


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 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.

Reliability and quality

Bio3 Implants conducts continuous and systematic quality control of all products which is confirmed by international quality standards ISO13485:2016,  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 to track 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 a manual for the patient.

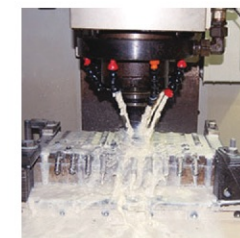
Compactness and availability

We offer a simple and reliable solution for all possible clinical situations. The doctors use only one surgical kit to perform operations on all implant types. Bio3 implant system has 2 platforms for implants with conical connection and internal hexagon fixation for absolute stability.

Service and Training

The company pays big attention to the service support of 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 multiple different countries.

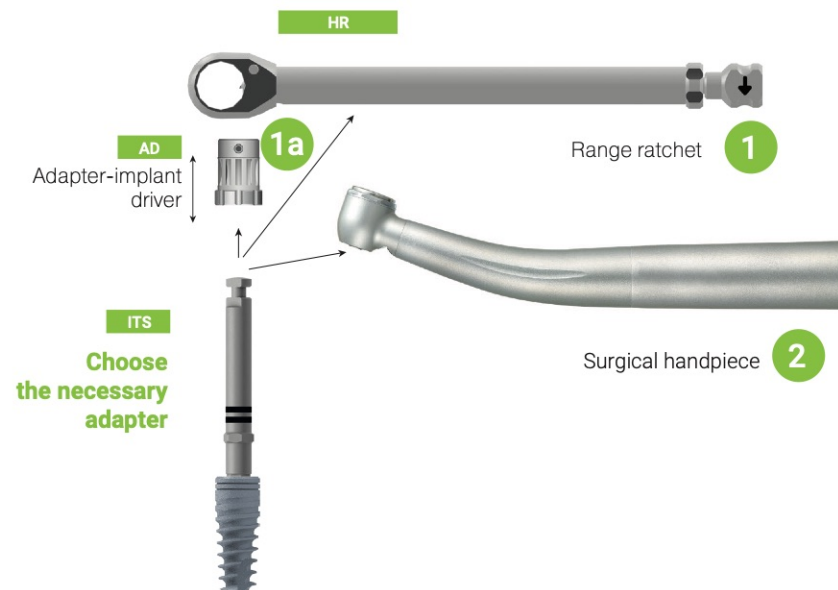
We are proud of Baden-Wuttemberg to be the homeland of our production alongside with world-known German brands. Our team is always happy to invite you to take a tour of our factory in the beautiful city of Pforzheim.





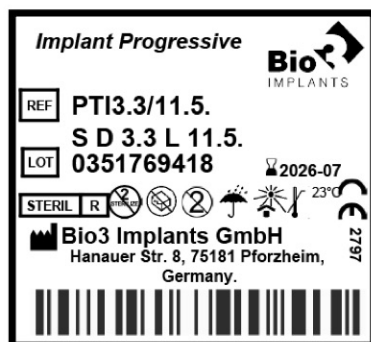
PACKAGE OVERVIEW

Extraction of the implant from a titanium sleeve



The utmost protection of our implants is ensured by a double security package. Each implant is kept in an individual Titanium sleeve placed in a sterilized blister to avoid any contacts with 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

Tapered dental implants range

CONICAL CONNECTION & INTERNAL HEX

Conical connection with inner hex provides precise implant-abutment contact and results in excellent compression reduction in a cervical part of the implant.

Conical connection is completely isolated from bacteria and shows excellent results in compression reduction in implant cervical part.

CHARACTERISTICS

Spiral-shaped aggressive thread guarantees a better primary stability of an implant. It is recommended for III and IV bone tissue types.

Conical implant body perfectly complies with the drill shape for more precise bone fitting. Non-invasive apical implant part prevents from anatomical damage during sinus lifting procedure.

2 Platforms:

Standard: D3.3 mm, D3.8 mm

Wide: D4.2 mm, D5.0 mm

Platform switching

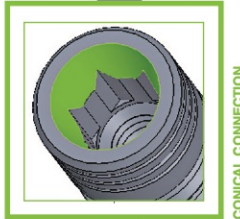
Internal Hexagon

SURFACE

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

APICAL PART

Precise design of implant apical part prevents from bone structure damage and gives an opportunity to decrease the time of surgical treatment.



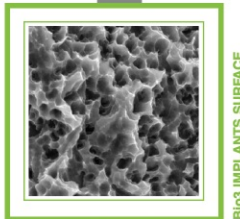
CONICAL CONNECTION



THREAD



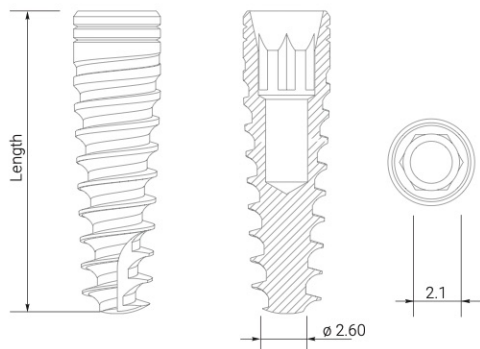
GEOMETRY



Bio3 IMPLANTS SURFACE



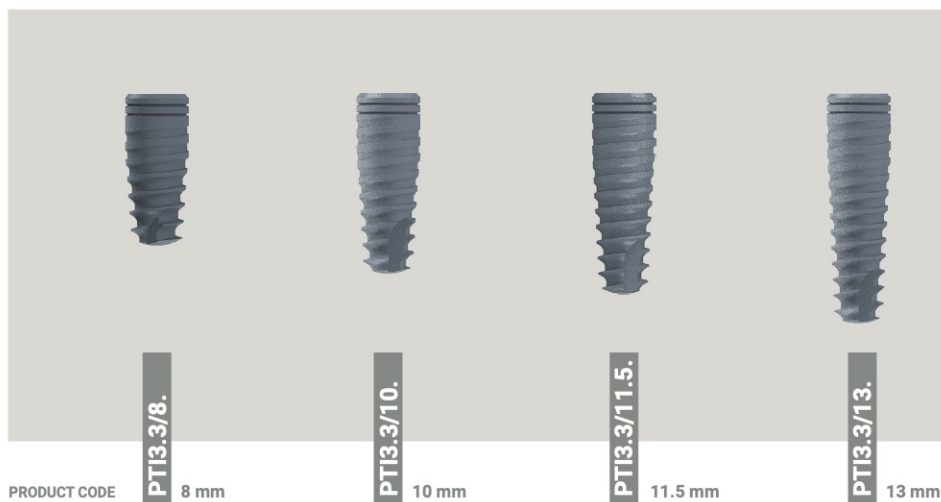
APICAL PART

**ATTENTION!**

It is used for installation in front parts (incisors)

Bio3 IMPLANT PROGRESSIVE

Standard platform



PRODUCT CODE PTI3.3/8. 8 mm

PTI3.3/10. 10 mm

PTI3.3/11.5. 11.5 mm

PTI3.3/13. 13 mm

DIAMETER

3.3

INTERNAL HEX

2.1

**STANDARD
PLATFORM**

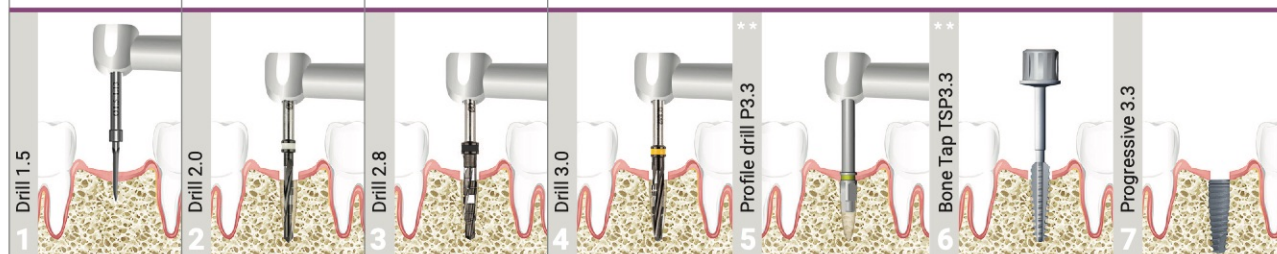
TITANIUM COVER SCREW 2.1



is included in each implant set

RECOMMENDED DRILLING SPEED

D1	800-1200	D1	800-1000	D1	600-800	D1	500-700
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



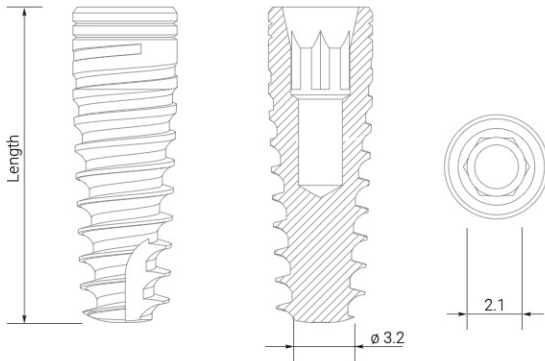
Implantation Protocol.*

* The Protocol does not replace an appropriate training.

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

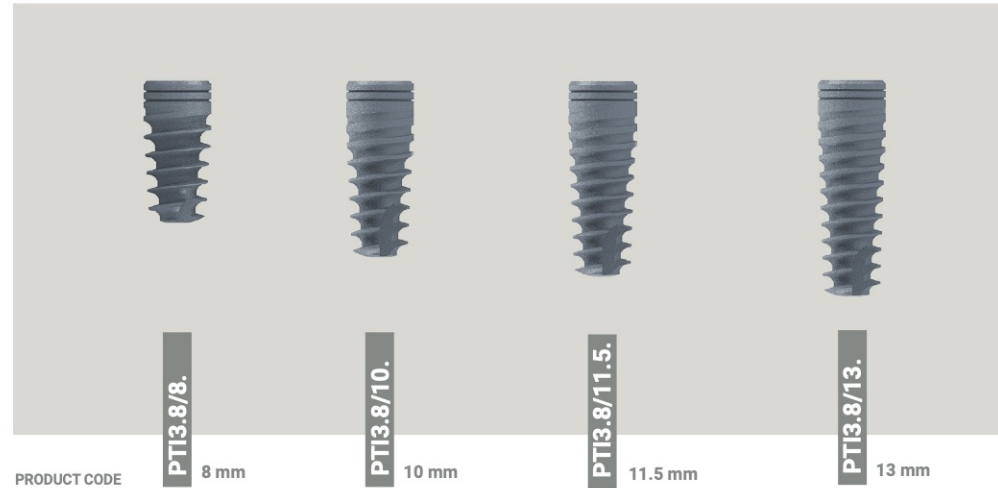
Bio3 IMPLANT PROGRESSIVE

Standard platform



ATTENTION!

It is used for installation in front parts (incisors)



PRODUCT CODE

PTI3.8/8.

8 mm

PTI3.8/10.

10 mm

PTI3.8/11.5.

11.5 mm

PTI3.8/13.

13 mm

**STANDARD
PLATFORM**

DIAMETER
3.8
INTERNAL HEX
2.1

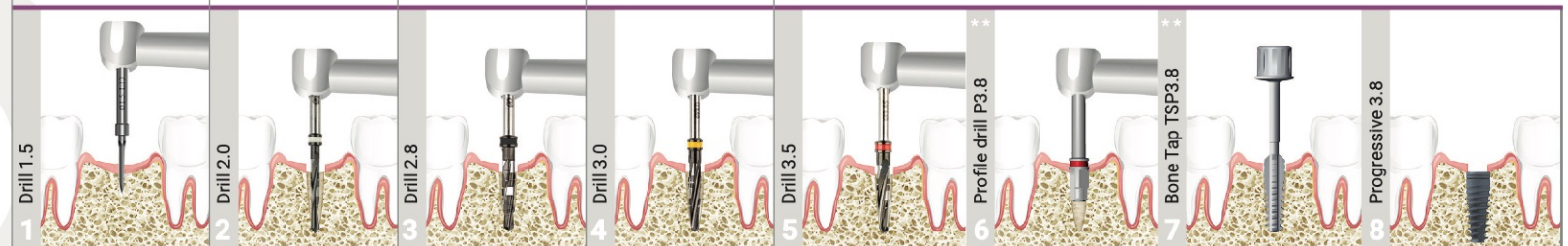
TITANIUM COVER SCREW 2.1



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



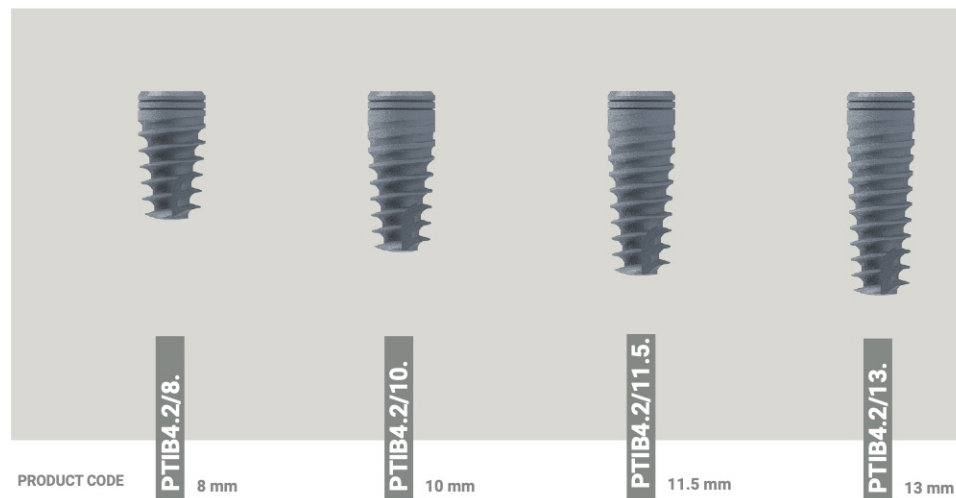
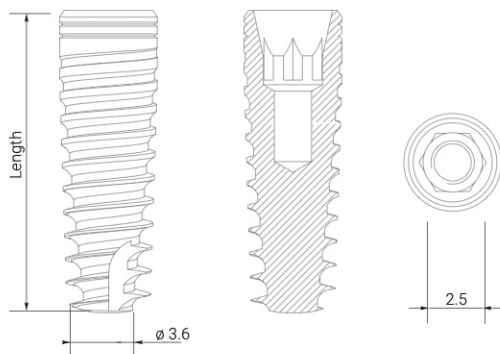
Implantation Protocol.*

* The Protocol does not replace an appropriate training.

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

Bio3 IMPLANT PROGRESSIVE

Wide platform



DIAMETER
4.2

INTERNAL HEX
2.5

**WIDE
PLATFORM**

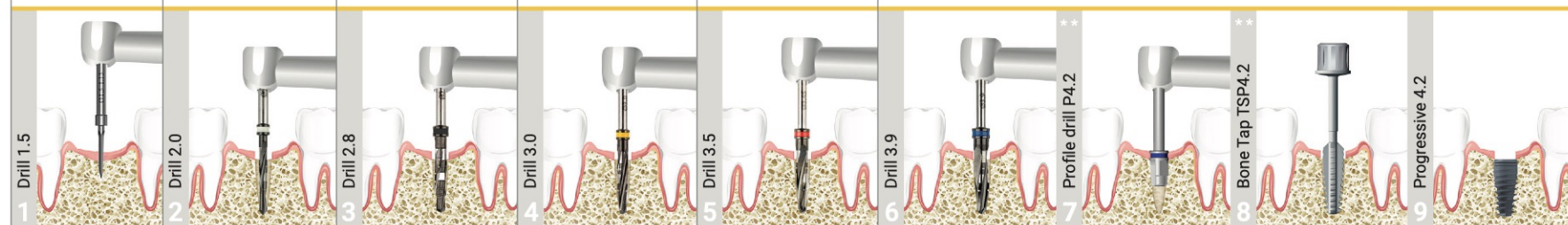
TITANIUM COVER SCREW 2.5



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



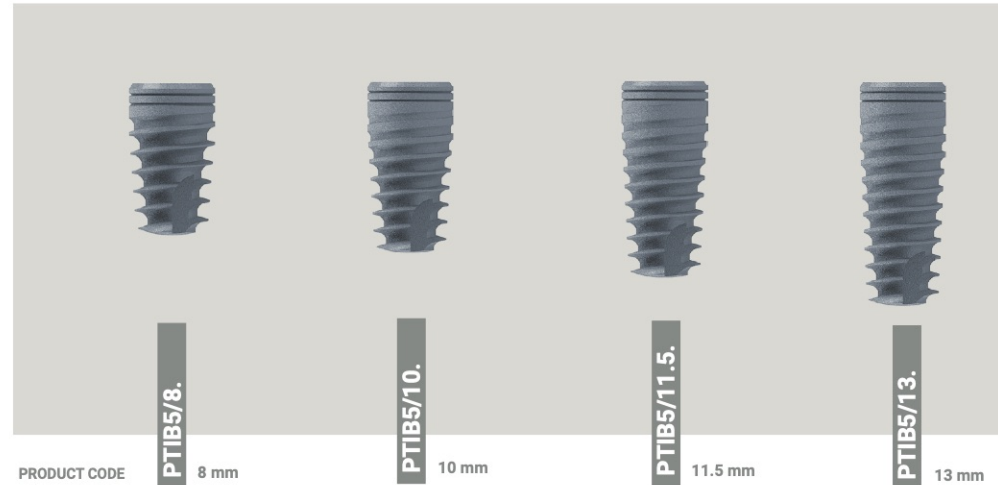
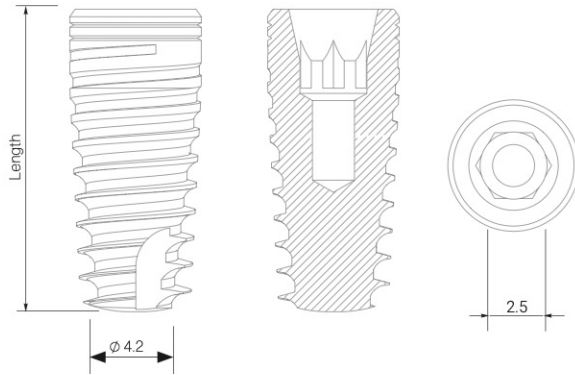
Implantation Protocol.*

* The Protocol does not replace an appropriate training.

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

Bio3 IMPLANT PROGRESSIVE

Wide platform



DIAMETER
5.0
INTERNAL HEX
2.5

**WIDE
PLATFORM**

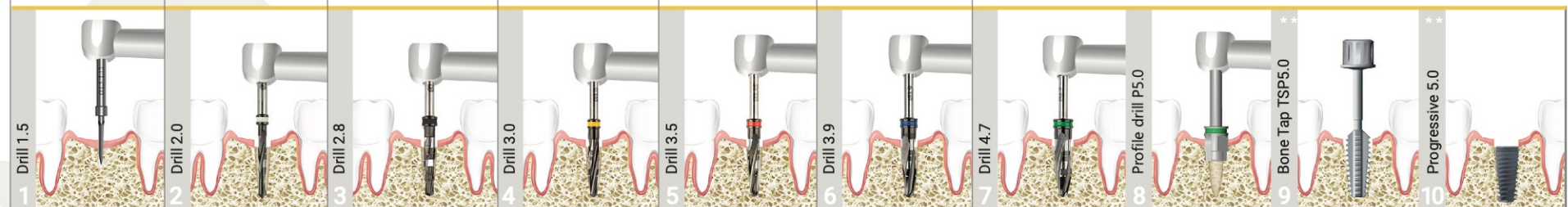
TITANIUM COVER SCREW 2.5



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.



**Bio3 IMPLANT
ADVANCED**

Bio3 IMPLANT ADVANCED

Tapered dental implants range



CONICAL CONNECTION & INTERNAL HEX

Conical connection with inner hex provides precise implant-abutment contact and results in excellent compression reduction in a cervical part of the implant.

CHARACTERISTICS

Spiral-shaped and self-tapping implant with classical triangle thread of two recurrent lengths. It was developed for a better primary stability and is applicable for various bone types.

Conical implant body perfectly complies with the drill shape for more precise bone fitting. Non-invasive apical implant part prevents from anatomical damage during sinus lifting procedure.

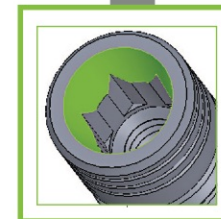
2 Platforms:
Standard: D3.3 mm, D3.8 mm
Wide: D4.2 mm, D5.0 mm
Platform switching
Internal Hexagon

SURFACE

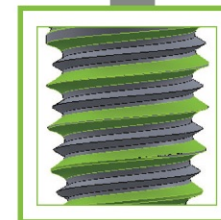
The surface of Bio3 implants is achieved by sandblasting and acid etching according to the latest quality norms and regulations.

APICAL PART

Precise design of implant apical part prevents from bone structure damage and gives an opportunity to decrease the time of surgical treatment.



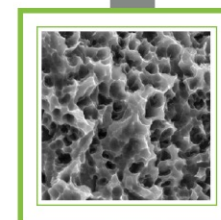
CONICAL CONNECTION



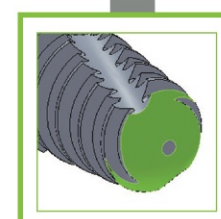
THREAD



GEOMETRY



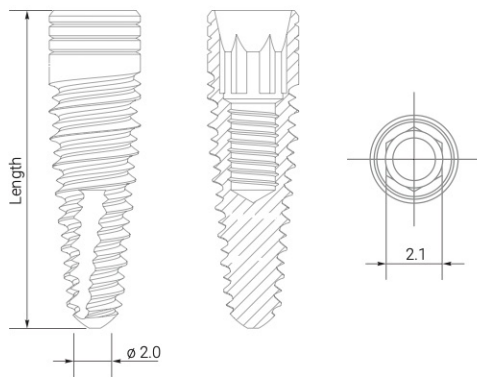
Bio3 IMPLANTS SURFACE



APICAL PART

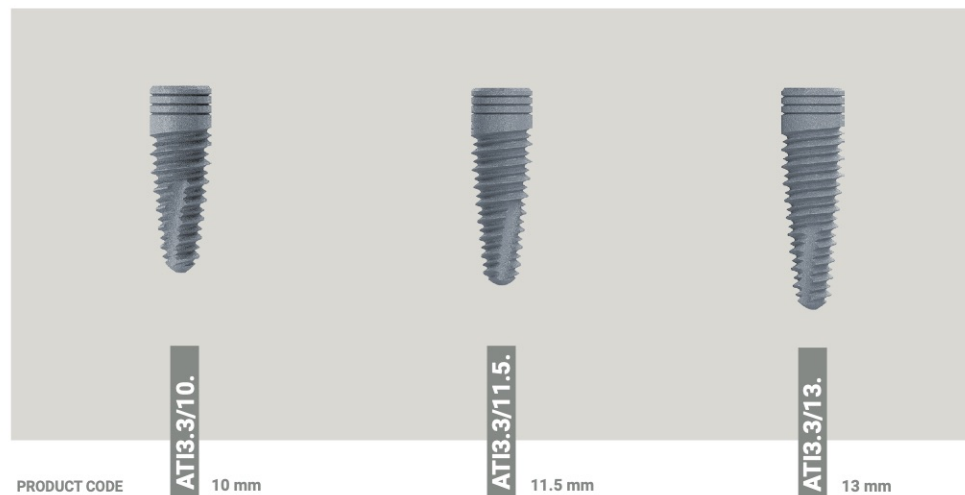
Bio3 IMPLANT ADVANCED

Standard platform



ATTENTION!

It is used for installation in front parts (incisors)



PRODUCT CODE

10 mm

11.5 mm

13 mm

**STANDARD
PLATFORM**

DIAMETER

3.3

INTERNAL HEX

2.1

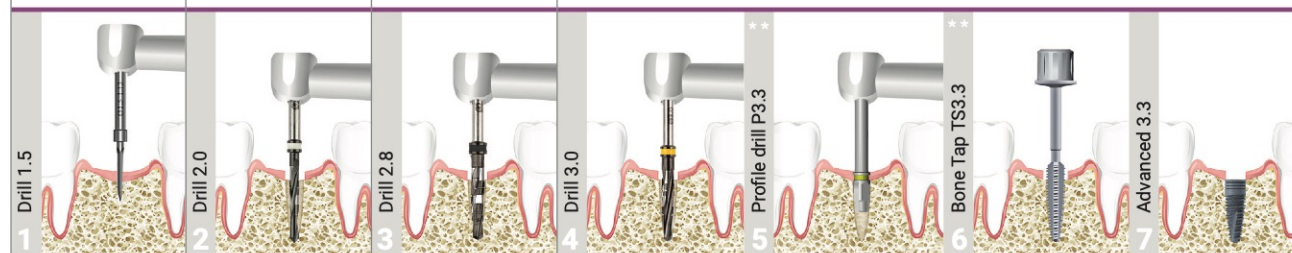
TITANIUM COVER SCREW 2.1



is included in each implant set

RECOMMENDED DRILLING SPEED

D1	800-1200	D1	800-1000	D1	600-800	D1	500-700
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



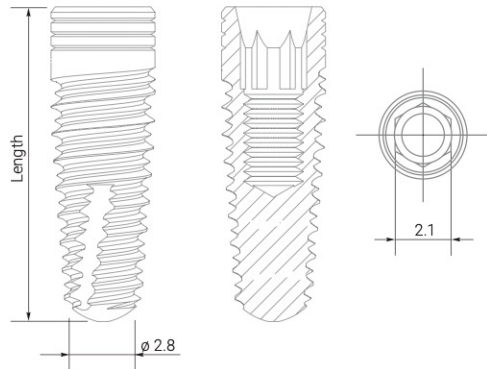
Implantation Protocol.*

* The Protocol does not replace an appropriate training.

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

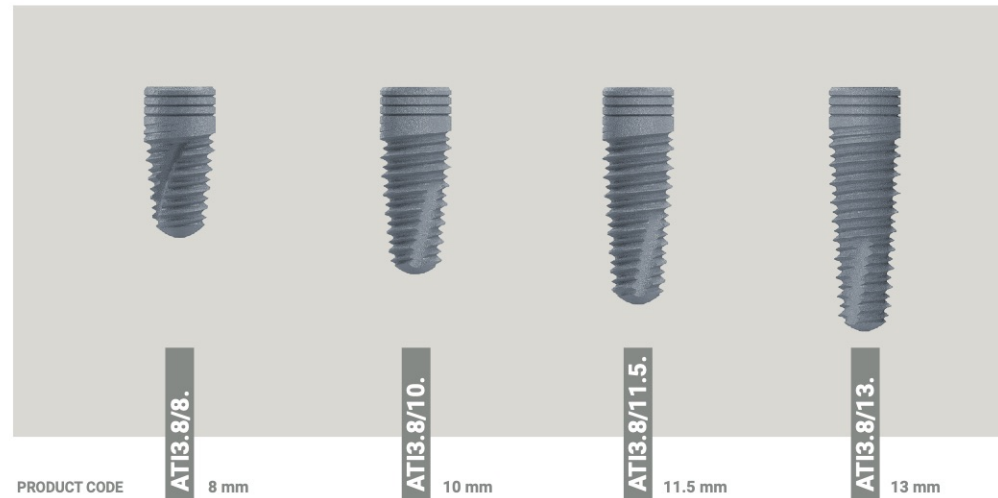
Bio3 IMPLANT ADVANCED

Standard platform



ATTENTION!

It is used for installation in front parts (incisors)



DIAMETER
3.8
INTERNAL HEX
2.1

**STANDARD
PLATFORM**

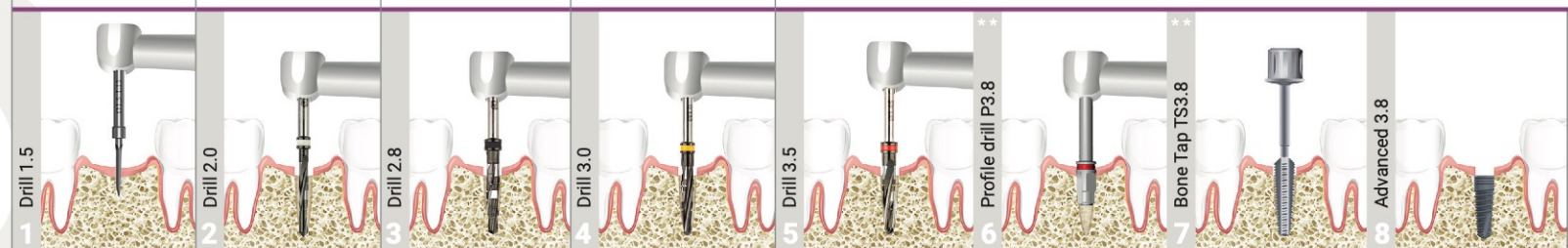
TITANIUM COVER SCREW 2.1



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



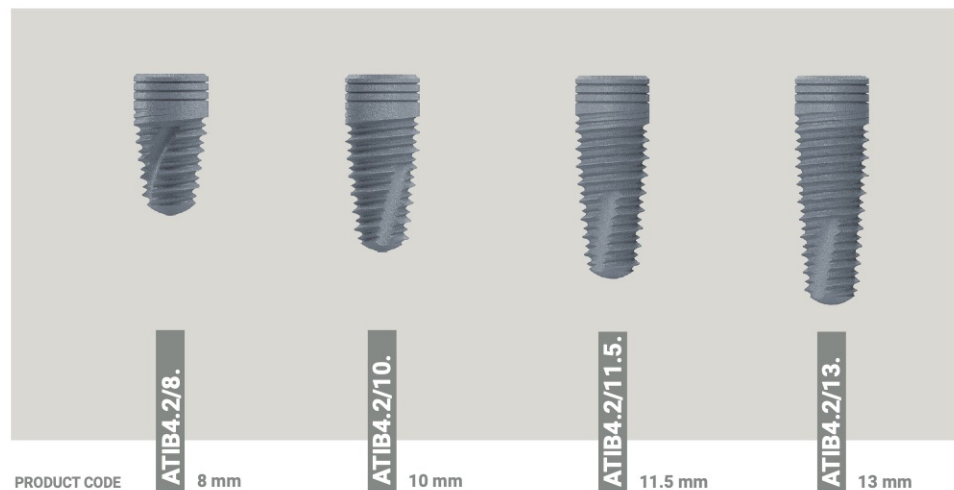
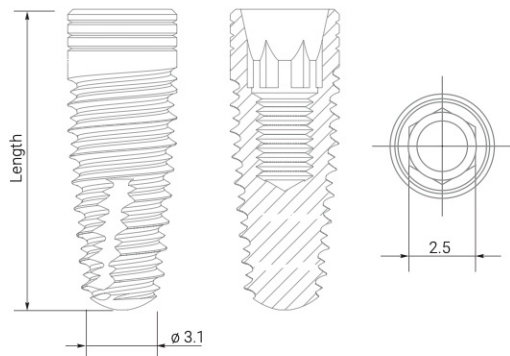
Implantation Protocol.*

* The Protocol does not replace an appropriate training.

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

Bio3 IMPLANT ADVANCED

Wide platform



DIAMETER
4.2
INTERNAL HEX
2.5

**WIDE
PLATFORM**

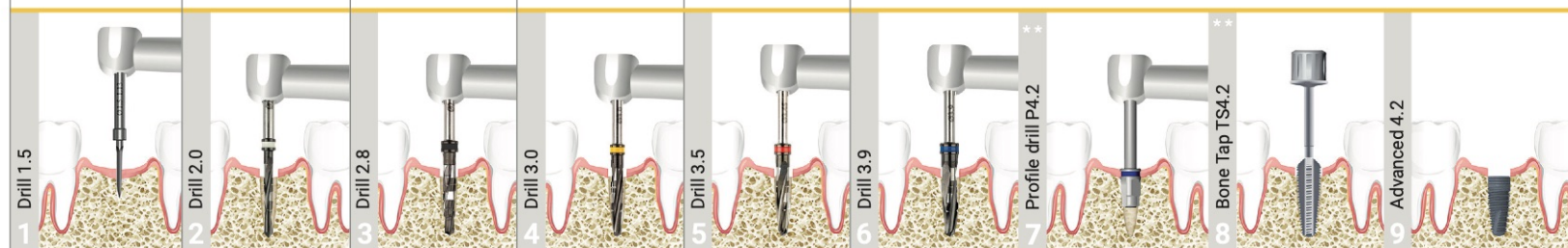
TITANIUM COVER SCREW 2.5



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



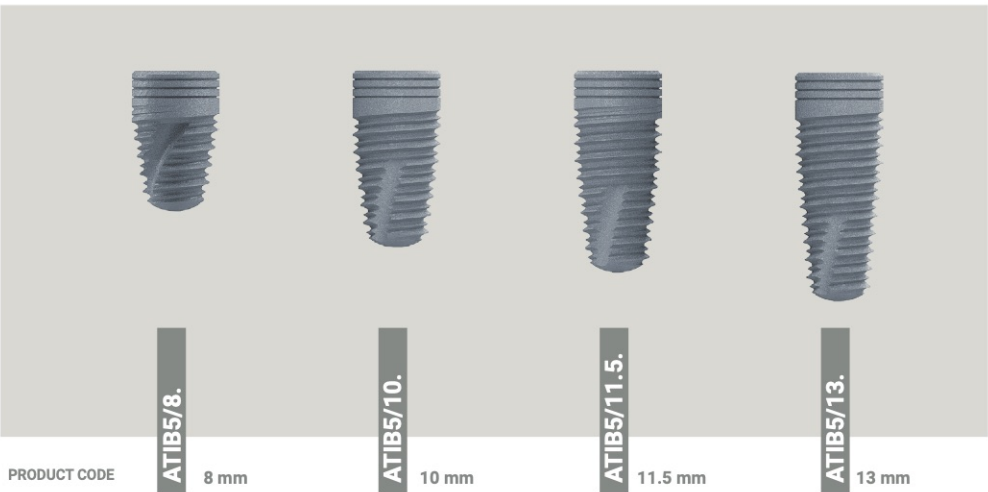
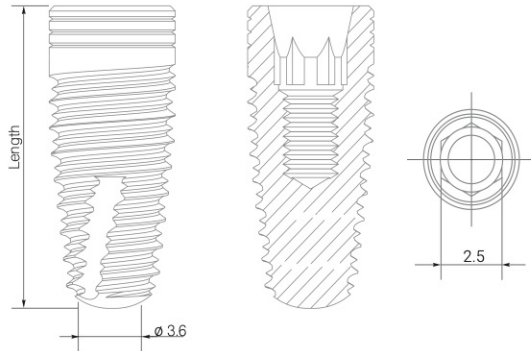
Implantation Protocol.*

* The Protocol does not replace an appropriate training.

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

Bio3 IMPLANT ADVANCED

Wide platform



DIAMETER
5.0
INTERNAL HEX
2.5

**WIDE
PLATFORM**

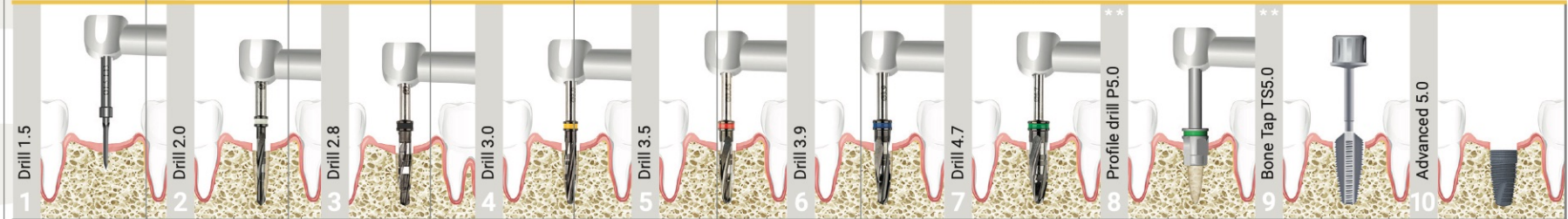
TITANIUM COVER SCREW 2.5



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.

Bio3 IMPLANTS

Premium Dental Implants



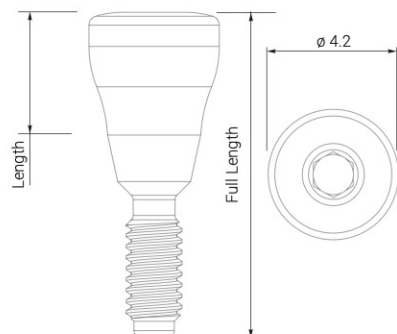
SUPRASTRUCTURES

GINGIVA HEALING ABUTMENTS

Standard platform

INTERNAL HEX

2.1



PRODUCT CODE

HEALING CAPS

MATERIAL Titanium Grade 5

DIAMETER

LENGTH

FULL LENGTH

STANDARD



GFS2



GFS3



GFS4



GFS5



GFS7

4.2 mm

4.2 mm

4.2 mm

4.2 mm

4.2 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 standard platform (2.1 mm) with two diameters – 4.2 mm and 5,5 mm.

It is installed using universal or hand prosthetic insertion driver.

WIDE



GFS/W2



GFS/W3



GFS/W4



GFS/W5

PRODUCT CODE

DIAMETER

LENGTH

FULL LENGTH

5.5 mm

5.5 mm

5.5 mm

5.5 mm

2 mm

3 mm

4 mm

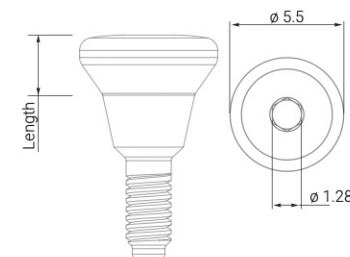
5 mm

7.72 mm

8.73 mm

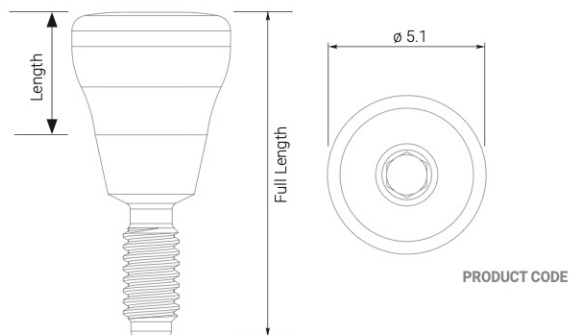
9.73 mm

10.73 mm

**MATERIAL** Titanium Grade 5

GINGIVA HEALING ABUTMENTS

Wide platform

INTERNAL HEX
2.5


HEALING CAPS

MATERIAL Titanium Grade 5

DIAMETER
LENGTH
FULL LENGTH

STANDARD


GFB2

GFB3

GFB4

GFB5

GFB7

DIAMETER	5.1 mm	5.1 mm	5.1 mm	5.1 mm	5.1 mm
LENGTH	2 mm	3 mm	4 mm	5 mm	7 mm
FULL LENGTH	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 diameters – 5.1 mm and 5.5 mm.

It is installed using universal or hand prosthetic insertion driver.

WIDE

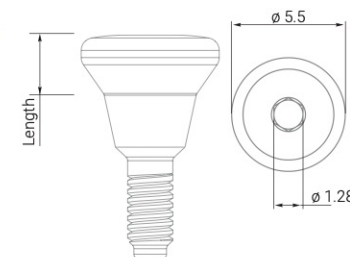

GFB/W2

GFB/W3

GFB/W4

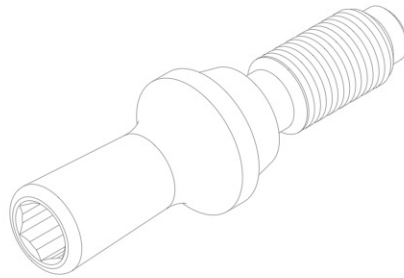
GFB/W5
PRODUCT CODE
DIAMETER
LENGTH
FULL LENGTH

DIAMETER	5.5 mm	5.5 mm	5.5 mm	5.5 mm
LENGTH	2 mm	3 mm	4 mm	5 mm
FULL LENGTH	7.9 mm	8.9 mm	9.9 mm	10.9 mm



GINGIVA HEALING NARROW ABUTMENTS

Standard platform



MATERIAL Titanium Grade 5

DIAMETER

3.2 mm

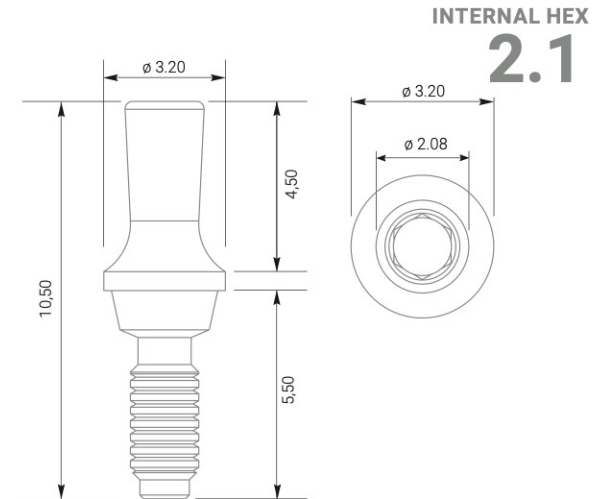
LENGTH

10.5 mm



PRODUCT CODE

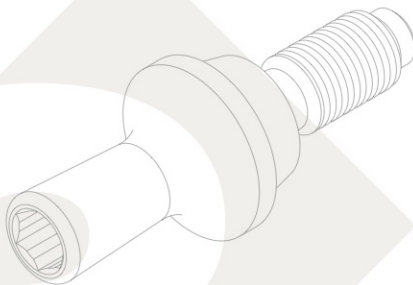
GFNS



Wide platform

Ensures ideal gingival margin.

Suitable for any variants of the following dental prosthetics.



MATERIAL Titanium Grade 5

DIAMETER

4.0 mm

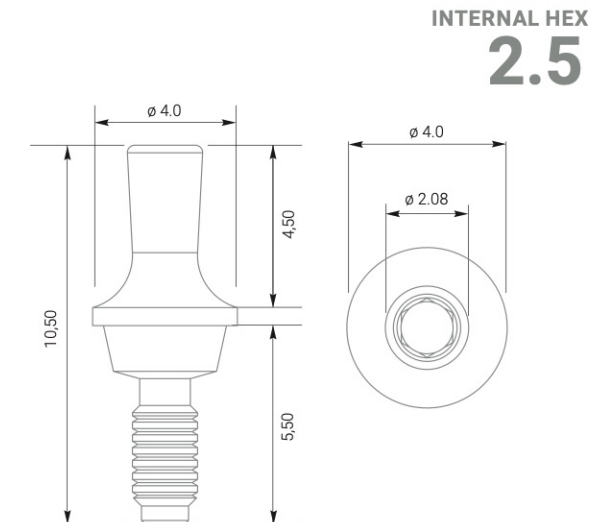
LENGTH

10.5 mm



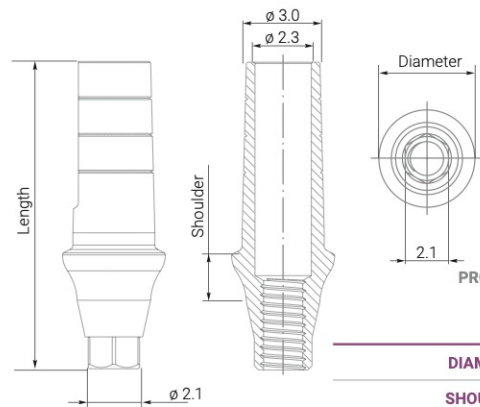
PRODUCT CODE

GFNB

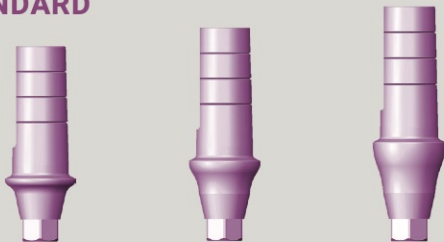


STRAIGHT ANATOMIC ABUTMENTS

Standard platform



STANDARD



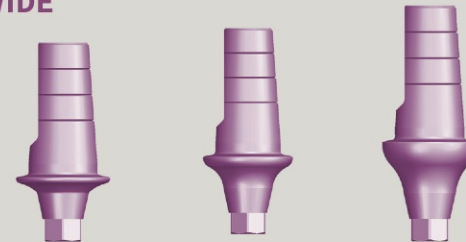
GAAS1

GAAS2

GAAS3

DIAMETER	4.2 mm	4.2 mm	4.2 mm
SHOULDER	1 mm	2 mm	3 mm
LENGTH	11.55 mm	12.55 mm	13.55 mm

WIDE

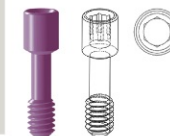


GAAS/W-1

GAAS/W-2

GAAS/W-3

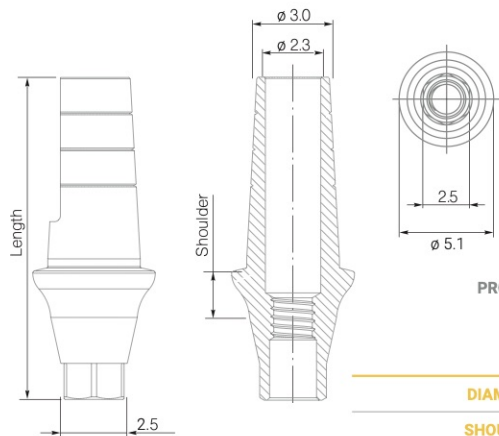
DIAMETER	5.5 mm	5.5 mm	5.5 mm
SHOULDER	1 mm	2 mm	3 mm
LENGTH	11.55 mm	12.55 mm	13.55 mm

INTERNAL HEX
2.1Each abutment
set includes:PROSTHETIC
SCREW

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

MATERIAL Titanium Grade 5

Wide platform

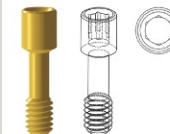
PRODUCT
CODE

GAAB1

GAAB2

GAAB3

DIAMETER	5.1 mm	5.1 mm	5.1 mm
SHOULDER	1 mm	2 mm	3 mm
LENGTH	12.4 mm	13.4 mm	14.4 mm

INTERNAL HEX
2.5Each abutment
set includes:PROSTHETIC
SCREW**MATERIAL** Titanium Grade 5

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.

PLASTIC TRANSFER-CAP

STANDARD PLATFORM

PRODUCT
CODE

PTCS

DIAMETER 7.0 mm

LENGTH 10 mm

WIDE PLATFORM



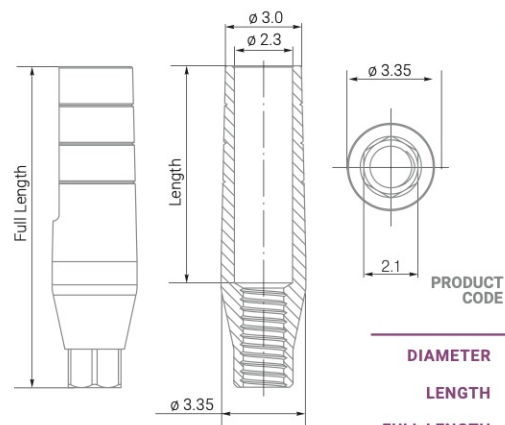
PTCB

DIAMETER 8.0 mm

LENGTH 10 mm

STRAIGHT ABUTMENTS

Standard platform



MATERIAL Titanium Grade 5

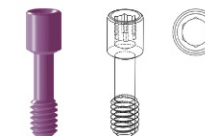


DIAMETER	5.0 mm	3.35 mm	3.35 mm	3.35 mm
LENGTH	9 mm	6.7 mm	8.7 mm	11.7 mm
FULL LENGTH	13.7 mm	10.55 mm	12.55 mm	15.55 mm

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

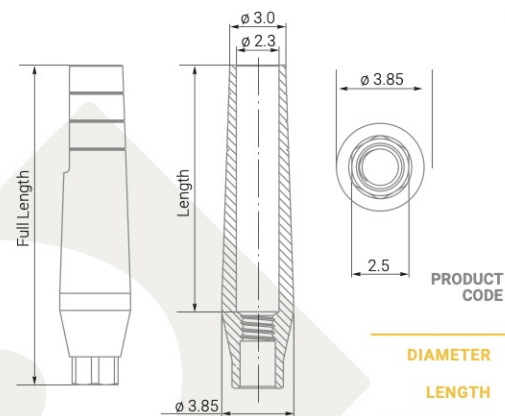
INTERNAL HEX
2.1

Each abutment set includes:



PROSTHETIC SCREW

Wide platform



MATERIAL Titanium Grade 5

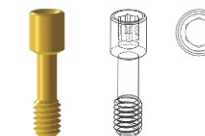


DIAMETER	5.5 mm	3.85 mm	3.85 mm	3.85 mm
LENGTH	9 mm	8.07 mm	10.07 mm	13.07 mm
FULL LENGTH	13.9 mm	12.12 mm	14.12 mm	17.12 mm

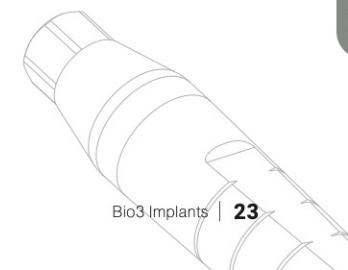
Titanium straight abutment for wide platform (2.5 mm). It is installed using universal or hand prosthetic insertion driver.

INTERNAL HEX
2.5

Each abutment set includes:

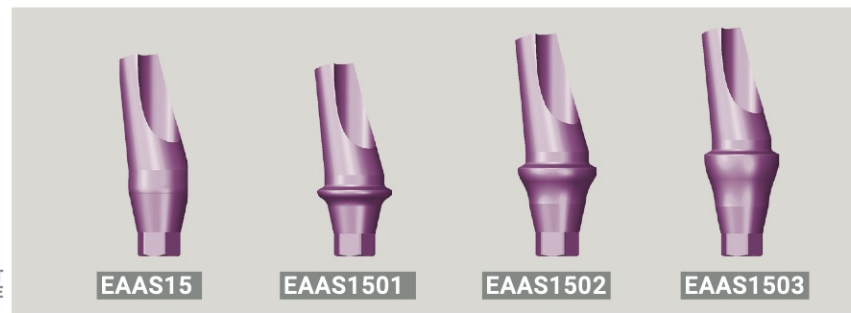
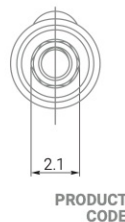
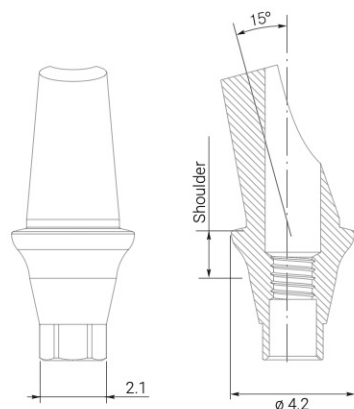


PROSTHETIC SCREW



ANGLED ABUTMENTS 15°

Standard platform



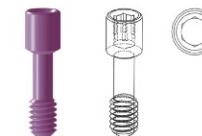
DIAMETER	3.35 mm	4.2 mm	4.2 mm	4.2 mm
SHOULDER		1 mm	2 mm	3 mm
LENGTH	11.0 mm	10.85 mm	11.85 mm	12.85 mm
ANGLE	15°	15°	15°	15°

MATERIAL Titanium Grade 5

Angled anatomic titanium abutment 15° for standard platform (2.1 mm) with 1. 2. 3 mm shoulder or without it. It is installed using universal or hand prosthetic insertion driver.

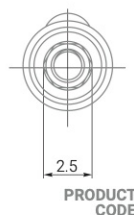
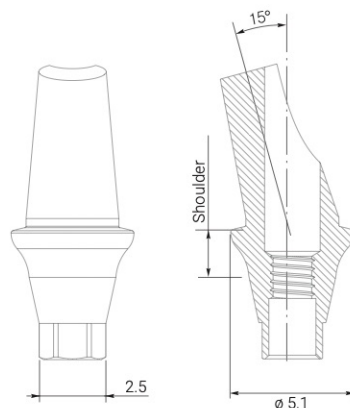
INTERNAL HEX
2.1

Each abutment set includes:



PROSTHETIC SCREW

Wide platform



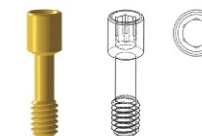
DIAMETER	3.85 mm	5.1 mm	5.1 mm	5.1 mm
SHOULDER		1 mm	2 mm	3 mm
LENGTH	12.85 mm	11.55 mm	12.2 mm	13.2 mm
ANGLE	15°	15°	15°	15°

MATERIAL Titanium Grade 5

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

INTERNAL HEX
2.5

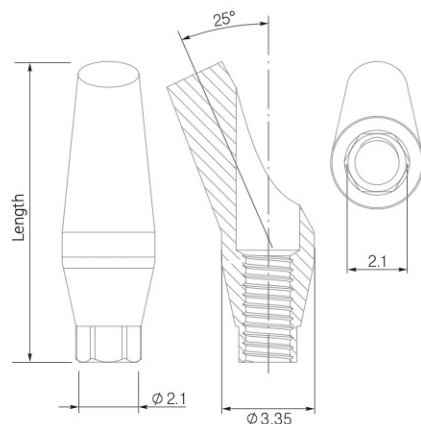
Each abutment set includes:



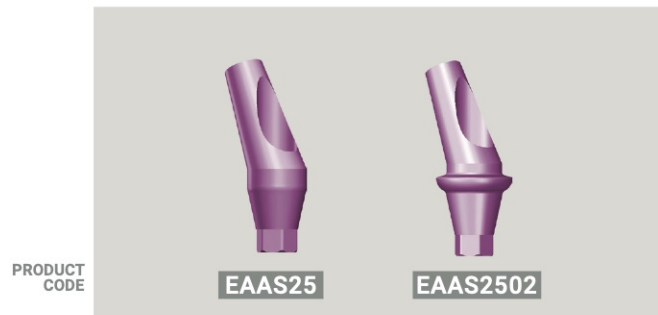
PROSTHETIC SCREW

ANGLED ABUTMENTS 25°

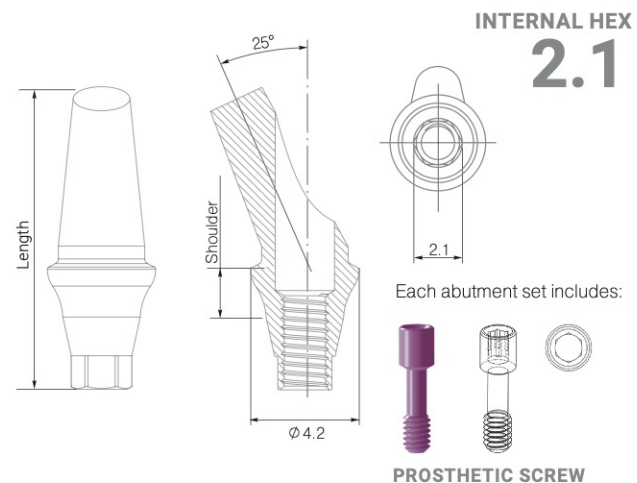
Standard platform



MATERIAL Titanium Grade 5

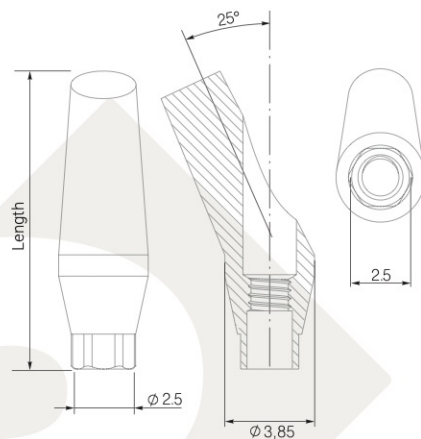


PRODUCT CODE	EAAS25	EAAS2502
DIAMETER	3.35 mm	4.2 mm
SHOULDER		2 mm
LENGTH	10.9 mm	11.75 mm
ANGLE	25°	25°



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

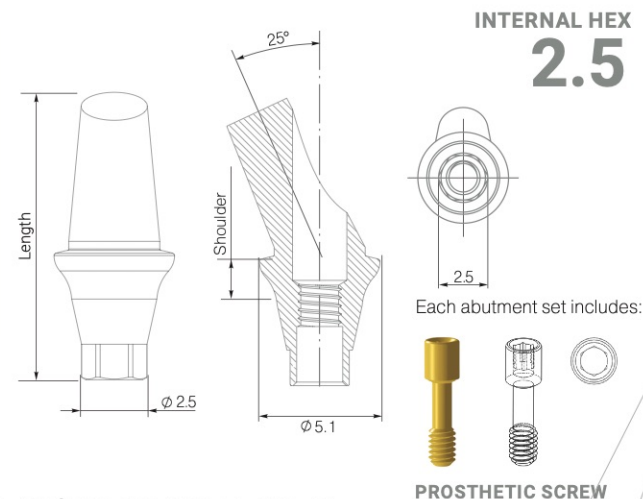
Wide platform



MATERIAL Titanium Grade 5



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

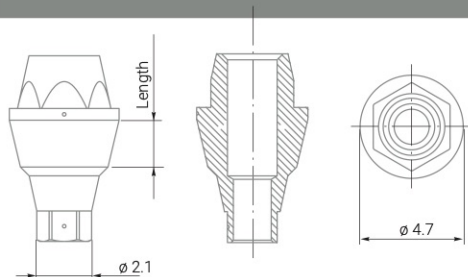


Angled anatomic titanium abutment 25° for wide platform (2.5 mm) with 2 mm shoulder or without it. It is installed using universal or hand prosthetic insertion driver.

MULTI-UNITS FOR SINGLE CONSTRUCTION

*Antirotational Aesthetic Abutment S/W

Standard platform



PRODUCT CODE

VAAS1

VAAS2

VAAS3

DIAMETER	4.7 mm	4.7 mm	4.7 mm
LENGTH	1 mm	2 mm	3 mm

MATERIAL Titanium Grade 5

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

Each abutment set includes:



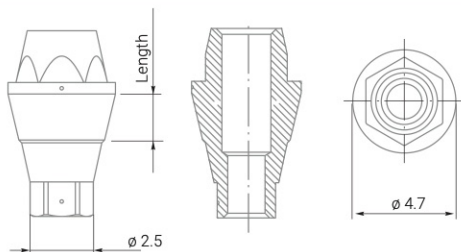
PROSTHETIC SCREW

CS VAAS/B
cover screw

INTERNAL HEX
2.1

* is not included in the set

Wide platform



PRODUCT CODE

VAAB1

VAAB2

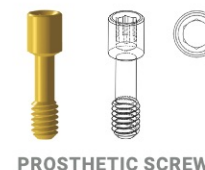
VAAB3

DIAMETER	4.7 mm	4.7 mm	4.7 mm
LENGTH	1 mm	2 mm	3 mm

MATERIAL Titanium Grade 5

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

Each abutment set includes:



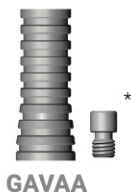
PROSTHETIC SCREW

CS VAAB/S
cover screw

INTERNAL HEX
2.5

* is not included in the set

Titanium sleeve for screw retained abutment



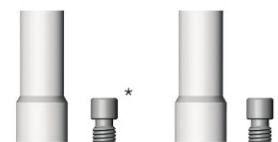
GAVAA

Healing Cap
for screw retained abutment



GAES2

Burnout 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

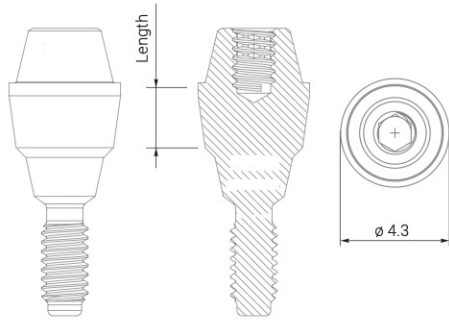
* Screw SSA is included

MULTI-UNITS FOR FIXED BRIDGE

*Antirotational Aesthetic Abutment S+/W+

Standard platform

INTERNAL HEX
2.1



MATERIAL Titanium Grade 5

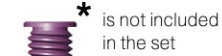
PRODUCT CODE

VAAS1+

VAAS2+

VAAS3+

DIAMETER	4.3 mm	4.3 mm	4.3 mm
LENGTH	1 mm	2 mm	3 mm

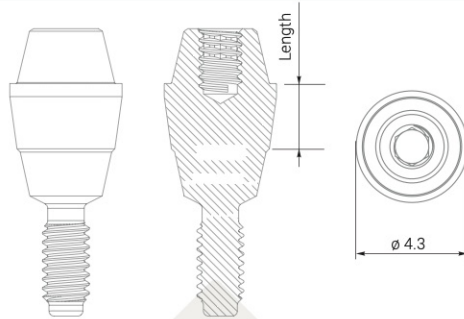


CS VAAS/B
cover screw

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

VAAB1+

VAAB2+

VAAB3+

DIAMETER	4.3 mm	4.3 mm	4.3 mm
LENGTH	1 mm	2 mm	3 mm



CS VAAB/S
cover screw

Titanium sleeve for screw retained abutment / angulated multi-unit



GIMV

Castable sleeve for screw retained abutment / angulated multi-unit



CSMU

Healing Cap

for screw retained abutment / angulated multi-unit



GIMA

Healing Cap Wide

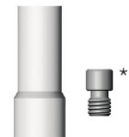
for screw retained abutment / angulated multi-unit



GIMA-W

Burnout plastic sleeve

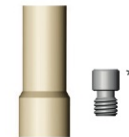
for screw retained abutment / angulated multi-unit



Plastic TCMS

Temporary PEEK sleeve

for screw retained abutment / angulated multi-unit



TGMN 1

Laboratory Analog

for screw retained abutment / angulated multi-unit



IAEN

Transfer

for screw retained abutment / angulated multi-unit



SOKM15

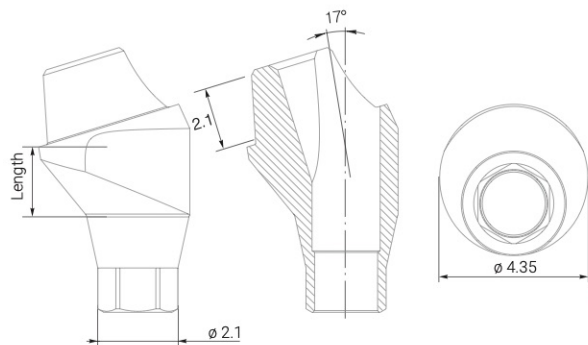
* Screw for GIMA is included

ANGLED MULTI-UNITS FOR FIXED BRIDGE 17°

*Titanium basis for multi-unit S/W

Standard platform

INTERNAL HEX
2.1



PRODUCT CODE

TBMS1701

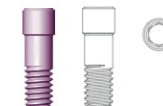
TBMS1702

TBMS1703

DIAMETER	4.35 mm	4.35 mm	4.35 mm
LENGTH	1 mm	2 mm	3 mm

Angled 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 where the implant is placed at an angle. A multifunctional torque wrench is used for the installation.

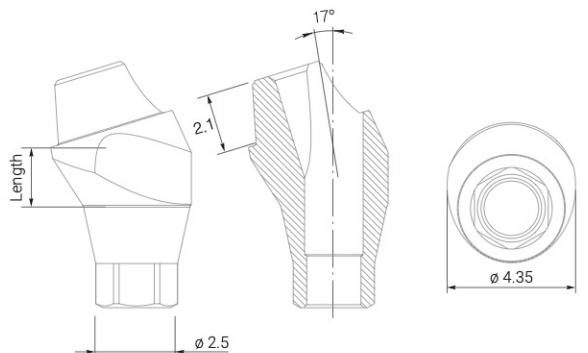
Each multi-unit basis set includes:



PROSTHETIC SCREW

Wide platform

INTERNAL HEX
2.5



PRODUCT CODE

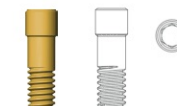
TBMB1701

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 / angled multi-unit



GIMV

Castable sleeve for screw retained abutment / angled multi-unit



CSMU

Healing Cap
for screw retained abutment / angled multi-unit



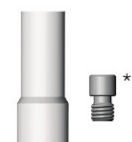
GIMA

Healing Cap Wide
for screw retained abutment / angled multi-unit



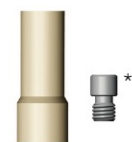
GIMA-W

Burnout plastic sleeve
for screw retained abutment / angled multi-unit



Plastic TCMS

Temporary PEEK sleeve
for screw retained abutment / angled multi-unit



TGMN 1

Laboratory Analog
for screw retained abutment / angled multi-unit



IAEN

Transfer
for screw retained abutment / angled multi-unit



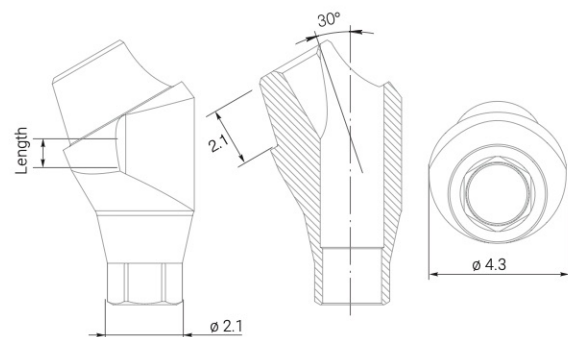
SOKM15

* Screw for GIMA is included

ANGLED MULTI-UNITS FOR FIXED BRIDGE 30°

*Titanium basis for multiunit S/W

Standard platform



PRODUCT CODE

TBMS3001

TBMS3002

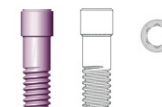
TBMS3003

DIAMETER	4.3 mm	4.3 mm	4.3 mm
LENGTH	1 mm	2 mm	3 mm

Angled 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 when the implant is placed at an angle. A multifunctional torque wrench is used for the installation.

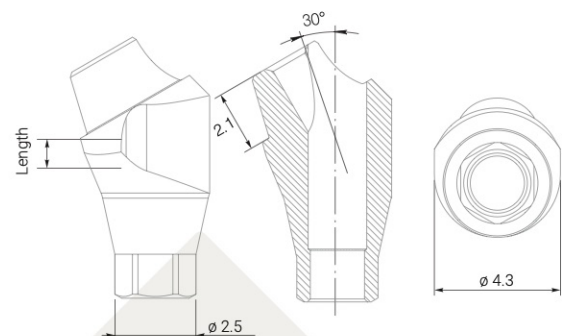
INTERNAL HEX
2.1

Each multi-unit basis set includes:



PROSTHETIC SCREW

Wide platform



PRODUCT CODE

TBMB3001

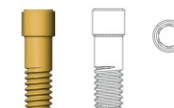
TBMB3002

TBMB3003

DIAMETER	4.3 mm	4.3 mm	4.3 mm
LENGTH	1 mm	2 mm	3 mm

INTERNAL HEX
2.5

Each multi-unit basis set includes:



PROSTHETIC SCREW

Titanium sleeve for screw retained abutment / angulated multi-unit



GIMV

Castable sleeve for screw retained abutment / angulated multi-unit



CSMU

Healing Cap
for screw retained abutment / angulated multi-unit



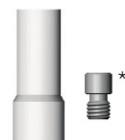
GIMA

Healing Cap Wide
for screw retained abutment / angulated multi-unit



GIMA-W

Burnout plastic sleeve
for screw retained abutment / angulated multi-unit



Plastic TCMS

Temporary PEEK sleeve
for screw retained abutment / angulated multi-unit



TGMN 1

Laboratory Analog
for screw retained abutment / angulated multi-unit



IAEN

Transfer
for screw retained abutment / angulated multi-unit



SOKM15

* Screw for GIMA is included

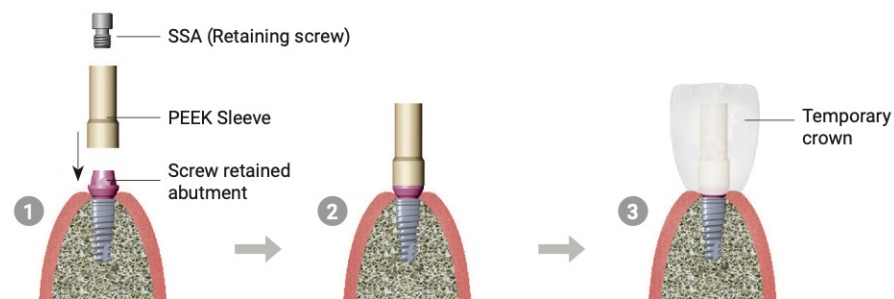
MANUAL I. SINGLE CONSTRUCTION MULTI-UNITS

Using temporary PEEK sleeve for screw retained abutment

TGAS1



Temporary PEEK sleeve



Using burned-out plastic sleeve for individual construction production

Plastic VAAS

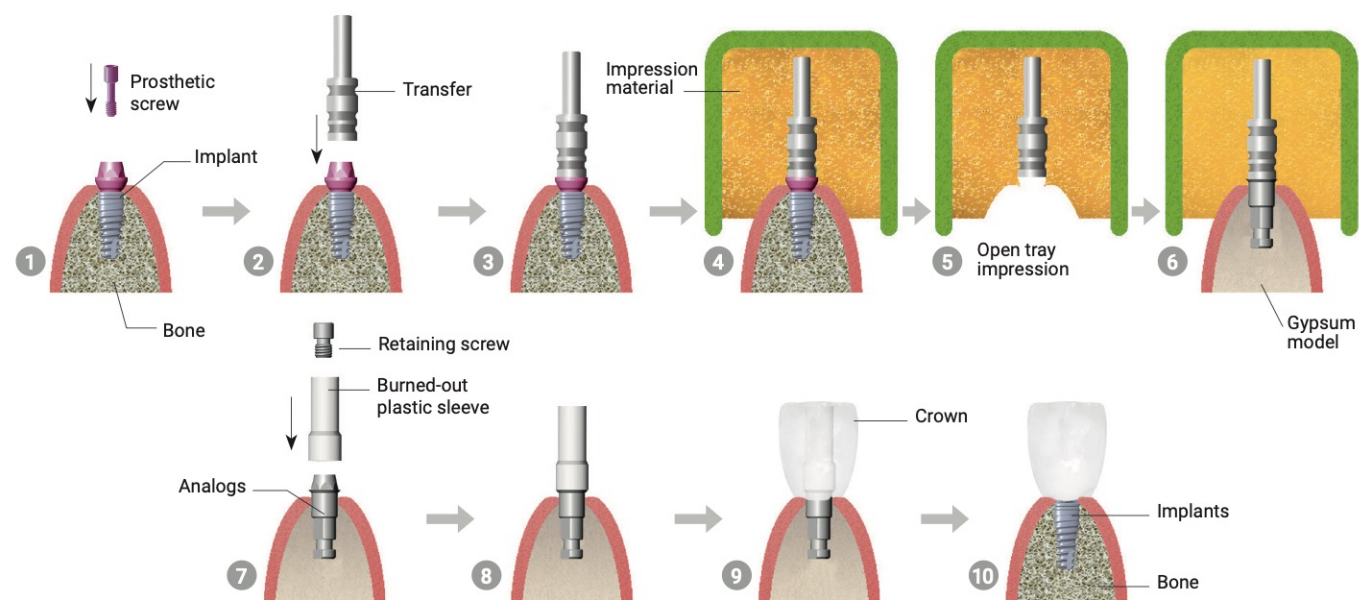


Burned-out plastic sleeve

SAES15



Transfer



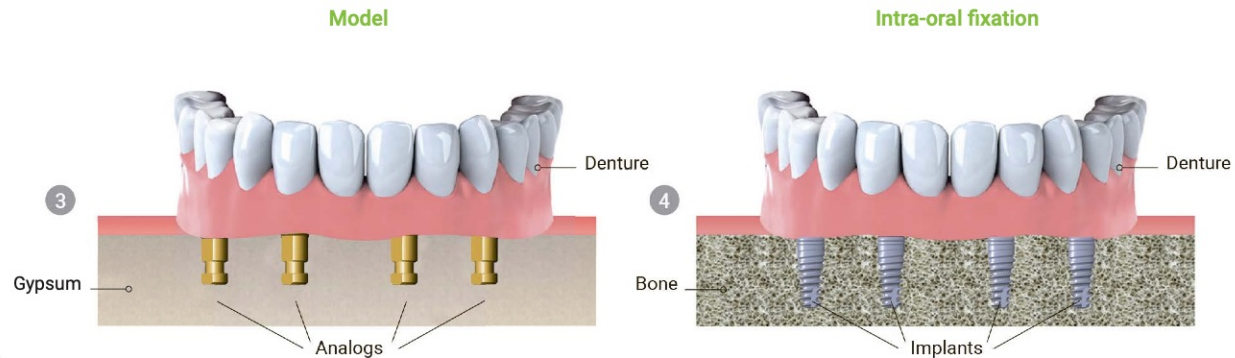
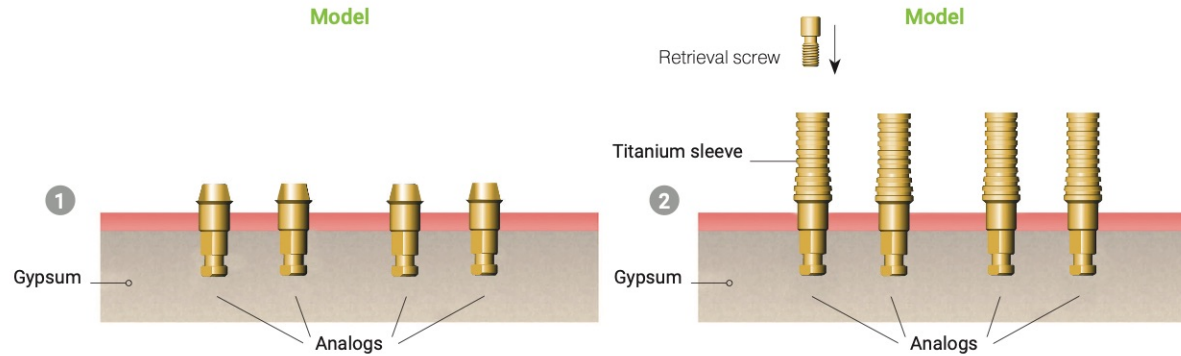
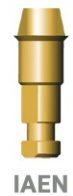
IAES



Laboratory Analog

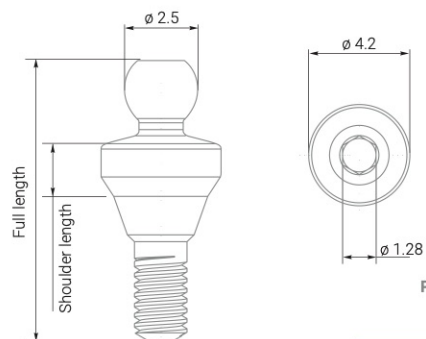
MANUAL II. FIXED BRIDGE CONSTRUCTION

Using titanium sleeve

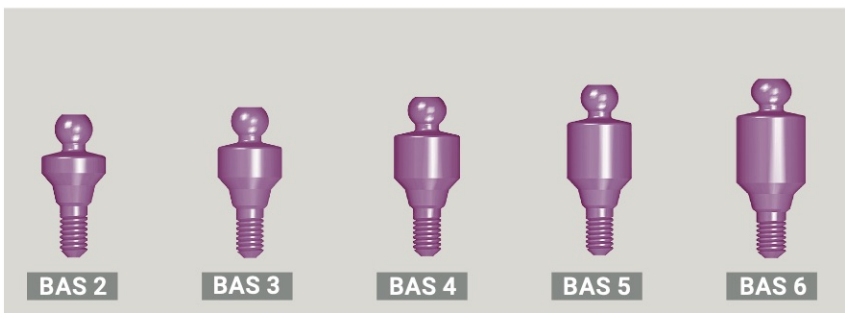


BALL ATTACHMENTS

Standard platform



PRODUCT CODE

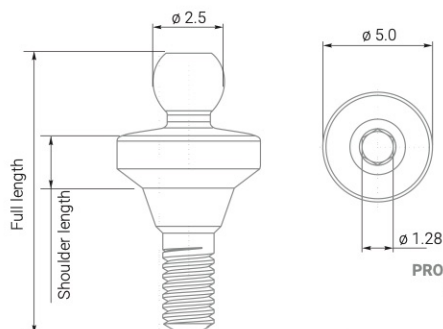


DIAMETER	4.2 mm	4.2 mm	4.2 mm	4.2 mm	4.2 mm
SHOULDER LENGTH	2 mm	3 mm	4 mm	5 mm	6 mm
FULL LENGTH	9,95 mm	10,95 mm	11,95 mm	12,95 mm	13,95 mm

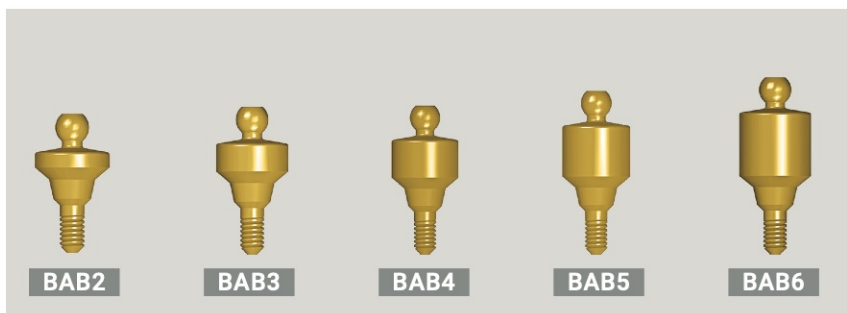
MATERIAL Titanium Grade 5

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

Wide platform



PRODUCT CODE



DIAMETER	5.0 mm	5.0 mm	5.0 mm	5.0 mm	5.0 mm
SHOULDER LENGTH	2 mm	3 mm	4 mm	5 mm	6 mm
FULL LENGTH	10,6 mm	11,6 mm	12,6 mm	13,6 mm	14,6 mm

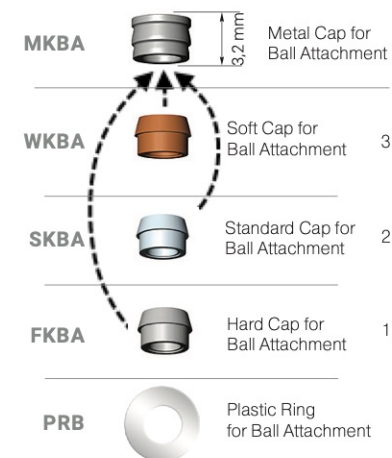
MATERIAL Titanium Grade 5

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.

INTERNAL HEX

2.1

Each ball attachment should be supported by metal cap with 3 caps applied in the following sequence: Metal ← Soft ← Standard ← Hard to ensure the most comfortable adaptation of the patient to his new dental prosthesis.



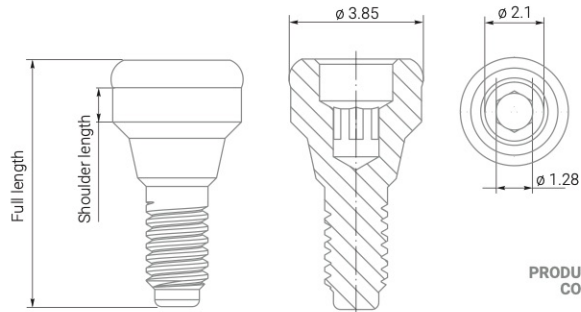
INTERNAL HEX

2.5



LOCATORS

Standard platform



MATERIAL Titanium Grade 5

PRODUCT
CODE



LS2



LS3



LS4



LS5

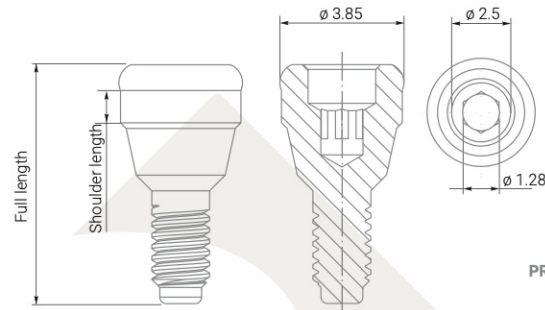


LS6

DIAMETER	3.85 mm	3.85 mm	3.85 mm	3.85 mm	3.85 mm
SHOULDER LENGTH	2 mm	3 mm	4 mm	5 mm	6 mm
FULL LENGTH	8,2 mm	9,2mm	10,2 mm	11,2 mm	12,2mm

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.

Wide platform



MATERIAL Titanium Grade 5

PRODUCT
CODE



LB2



LB3



LB4



LB5



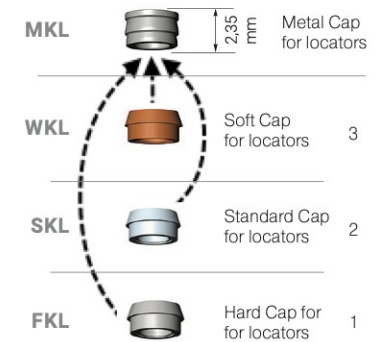
LB6

DIAMETER	3.85 mm	3.85 mm	3.85 mm	3.85 mm	3.85 mm
SHOULDER LENGTH	2 mm	3 mm	4 mm	5 mm	6 mm
FULL LENGTH	8,2 mm	9,2mm	10,2 mm	11,2 mm	12,2mm

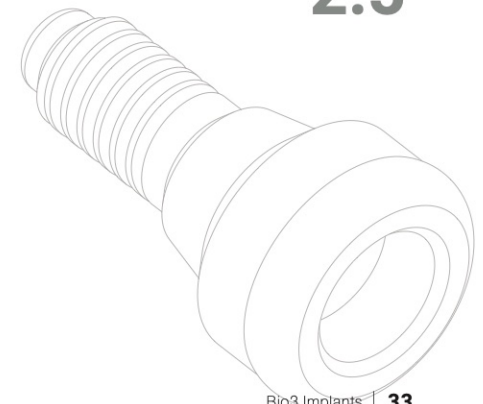
Locators for overdentures and removable dentures fixation for wide platform (2.5 mm) as an element for dental prosthetics on two or more implants. It is installed using universal or hand prosthetic insertion driver.

INTERNAL HEX 2.1

Each ball attachment should be supported by metal cap with 3 caps applied in the following sequence: Metal ← Soft ← Standard ← Hard to ensure the most comfortable adaptation of the patient to his new dental prosthesis.



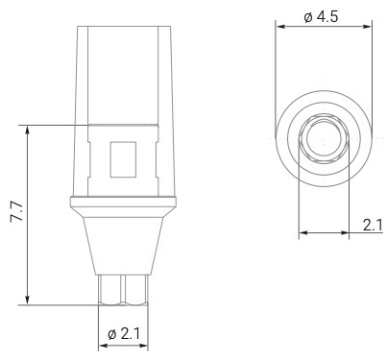
INTERNAL HEX 2.5



TITANIUM BASIS WITH A PLASTIC CAP

Standard platform

INTERNAL HEX
2.1



MATERIAL Titanium Grade 5

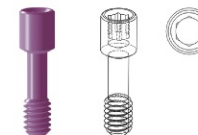
PRODUCT
CODE



TBKS1

DIAMETER	4.5 mm
LENGTH	7.7 mm

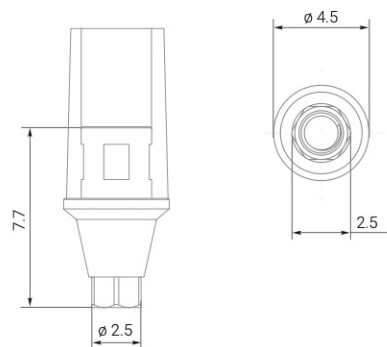
Each abutment set includes:



PROSTHETIC SCREW

Wide platform

INTERNAL HEX
2.5



MATERIAL Titanium Grade 5

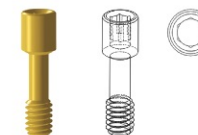
PRODUCT
CODE



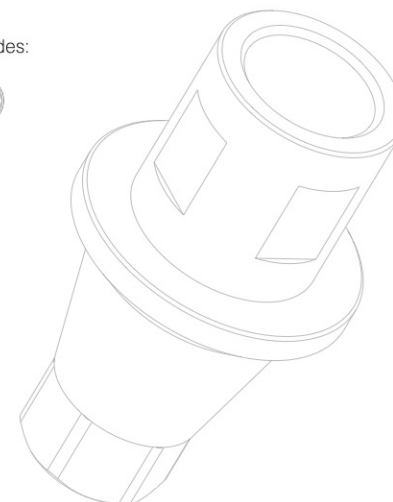
TBKB1

DIAMETER	4.5 mm
LENGTH	7.7 mm

Each abutment set includes:



PROSTHETIC SCREW



TITANIUM BASIS WITH A PLASTIC CAP

Manual

Titanium basis with a burnout plastic cap simplifies the technician's work, while the crown is being modeled, as it is burnt out and is not subject to compression or deformation.

This suprastructure is used for manufacturing of individual crowns bonded to the standard base. A plastic sleeve burns out at high temperatures saving the accuracy between a titanium base and future crown. The impression obtained by the standard direct method is passed to the technical laboratory along with the suprastructure.

Step 1:

A lab technician makes a gypsum model and fixates a Titanium platform to it together with a plastic cap.

Step 5:

In the casting laboratory a sprue is being attached to the wax. The sprue in its turn is attached to the main sprue, forming the sprue tree.

Step 9:

The blow hole, formed by burning out of wax and plastic, is filled with the necessary metal fluid alloy or ceramic. Using the method of vacuum or centrifugal casting, the blow holes are filled in with dental alloy (CoCr or NiCr).

Step 2:

A lab technician forms a wax model of the future crown on the cap.

Step 6:

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

Step 3:

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

Step 7:

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

Step 10:

The crown is released from sprues. After sandblasting, it is covered by ceramic to undergo heat treatment.

Step 4:

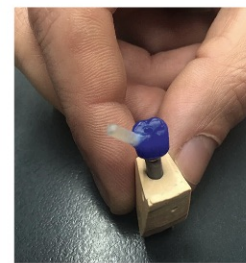
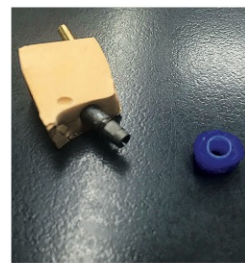
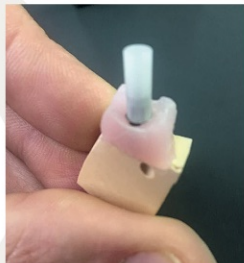
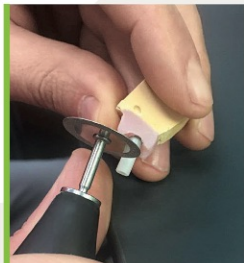
The model along with the cap is transmitted to the laboratory for the future crown basis casting.

Step 8:

After solidification of the investment material, the form is placed into a muffle furnace. The wax and the ash-free sleeve are burnt out at a temperature of 900-1100 C° forming a blow hole for future casting.

Step 11:

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



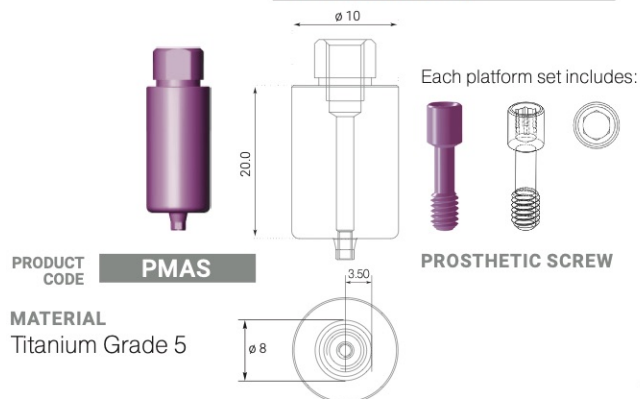
PROSTHETICS FOR CAD/CAM

Standard platform

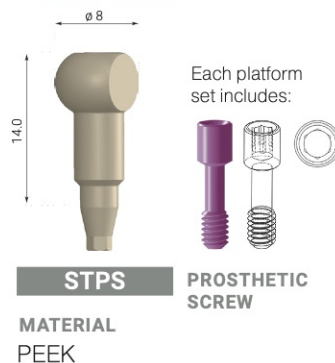
PREMILL ABUTMENT

for ARUM

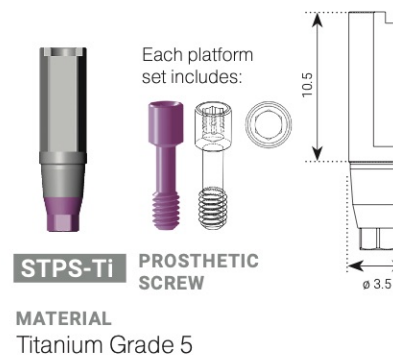
DIAMETER 10 mm
FUNCTIONAL LENGTH 20.0 mm



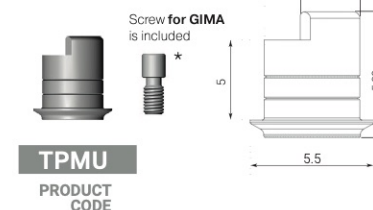
Scanmarker for CAD/CAM



Titanium Scan-abutment for CAD/CAM



Titanium platform for CAD/CAM MU

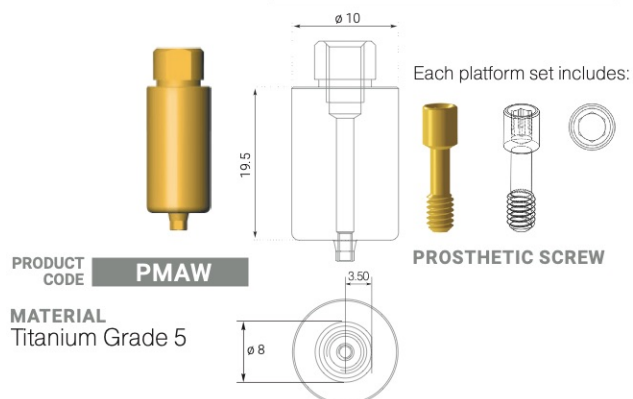


Wide platform

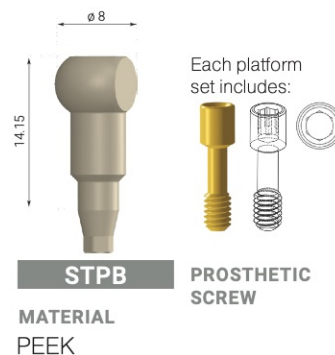
PREMILL ABUTMENT

for ARUM

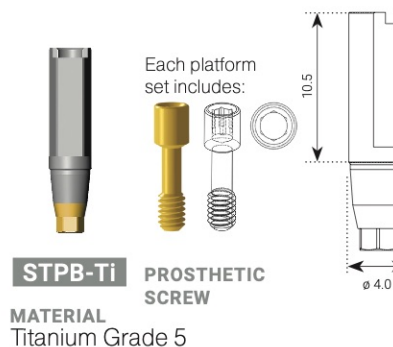
DIAMETER 10 mm
FUNCTIONAL LENGTH 19.5 mm



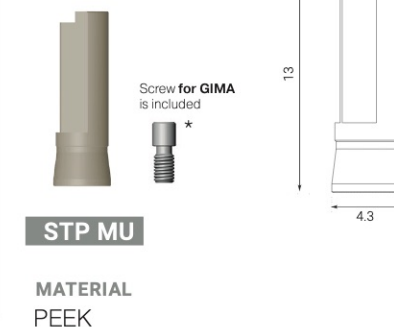
Scanmarker for CAD/CAM



Titanium Scan-abutment for CAD/CAM



Scan Abutment for MU

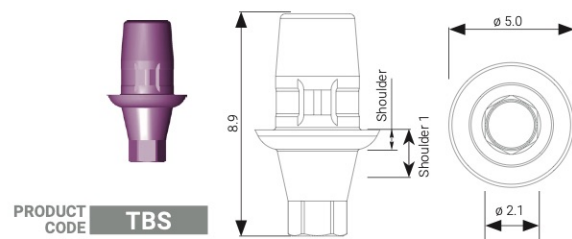


PROSTHETICS FOR CAD/CAM

Standard platform

Ti Base S for CEREC

DIAMETER 5.0 mm
FUNCTIONAL LENGTH 4.65 mm
SHOULDER 1 mm



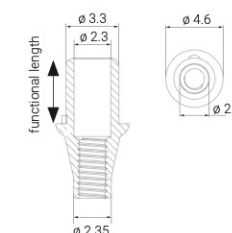
MATERIAL
Titanium Grade 5

Titanium platform CAD/CAM

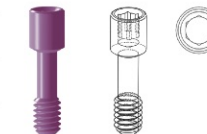
for standard platform (2.1 mm)

	Non Hex				
PRODUCT CODE	TPS-NH	TPS	TPS1	TPS2	TPS3
DIAMETER	4.6 mm	4.6 mm	4.6 mm	4.6 mm	4.6 mm
FUNCTIONAL LENGTH	4.1 mm	4.1 mm	4.1 mm	4.1 mm	4.1 mm
SHOULDER	0.5 mm	0.5 mm	1 mm	2 mm	3 mm
SHOULDER 1	1.3 mm	1.3 mm	2.3 mm	3.3 mm	4.3 mm

MATERIAL
Titanium Grade 5



Each platform set includes:

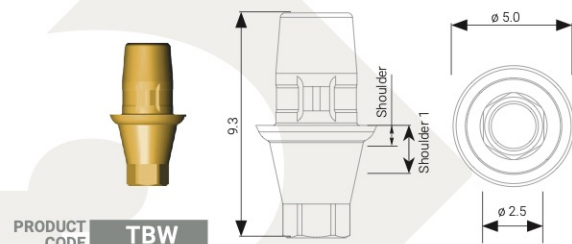


PROSTHETIC SCREW

Wide platform

Ti Base W for CEREC

DIAMETER 5.0 mm
FUNCTIONAL LENGTH 4.65 mm
SHOULDER 1 mm



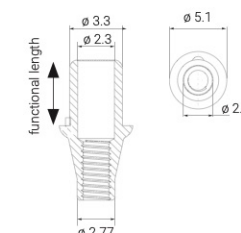
MATERIAL
Titanium Grade 5

Titanium platform CAD/CAM

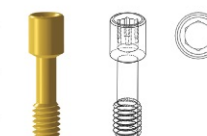
for wide platform (2.5 mm)

	Non Hex				
PRODUCT CODE	TPB-NH	TPB	TPB1	TPB2	TPB3
DIAMETER	5.1 mm	5.1 mm	5.1 mm	5.1 mm	5.1 mm
FUNCTIONAL LENGTH	4.05 mm	4.1 mm	4.1 mm	4.1 mm	4.1 mm
SHOULDER	0.5 mm	0.5 mm	1 mm	2 mm	3 mm
SHOULDER 1	1.3 mm	1.3 mm	2.3 mm	3.3 mm	4.3 mm

MATERIAL
Titanium Grade 5



Each platform set includes:

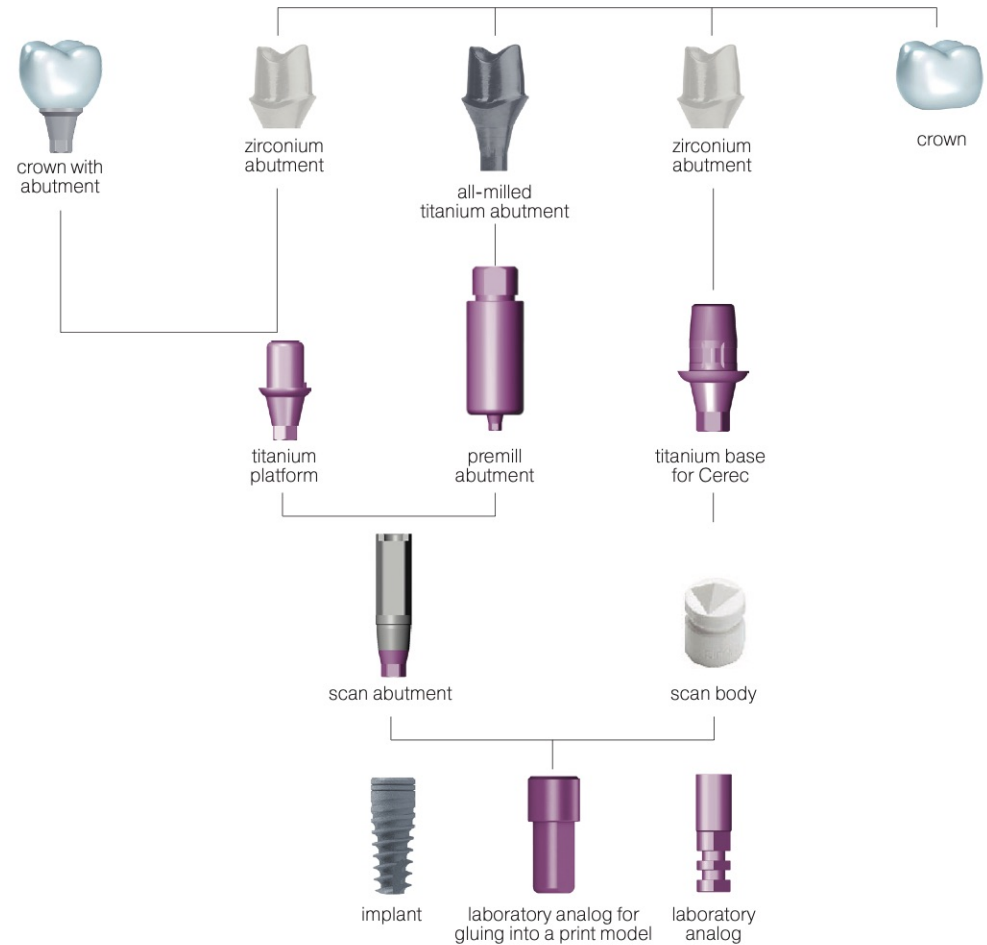


PROSTHETIC SCREW

DIGITAL PROTOCOL FOR CREATING AN ORTHOPEDIC STRUCTURE



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



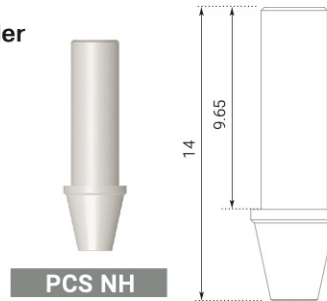
BURNOUT ABUTMENTS

Standard platform

For bridge construction

DIAMETER	4.2 mm
LENGTH	14 mm

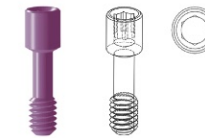
**Plastic Cylinder
Abutment**
Non Hex



MATERIAL
Burned out plastic



Each abutment set includes:



PROSTHETIC SCREW

Wide platform

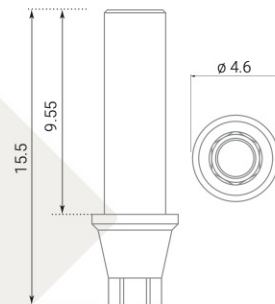
For single construction

DIAMETER	4.6 mm
LENGTH	15.5 mm

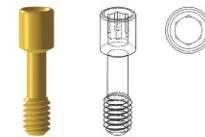
**Burnout
abutment**
for standard
platform (2.5 mm)
is intended for
individual
orthopedic
constructions.

PRODUCT
CODE

PCB



Each abutment set includes:

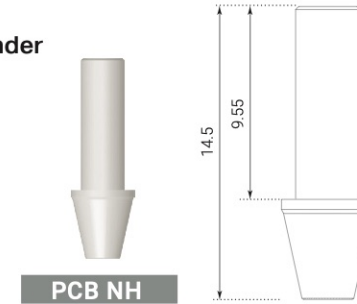


PROSTHETIC SCREW

DIAMETER	4.6 mm
LENGTH	14.5 mm

For bridge construction

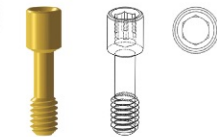
**Plastic Cylinder
Abutment**
Non Hex



MATERIAL
Burnout plastic



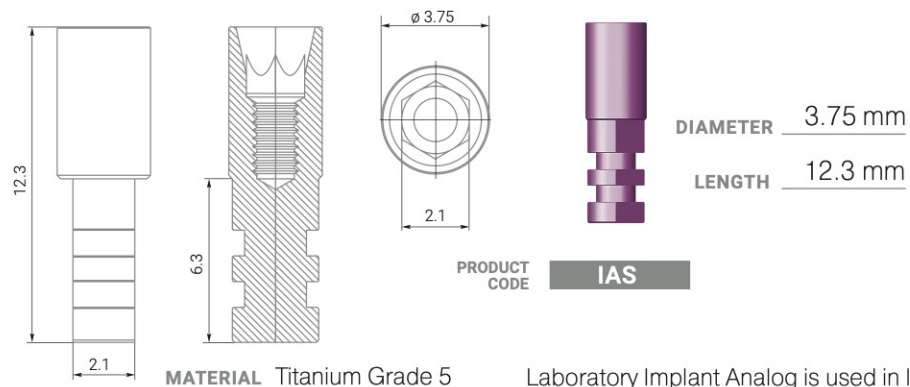
Each abutment set includes:



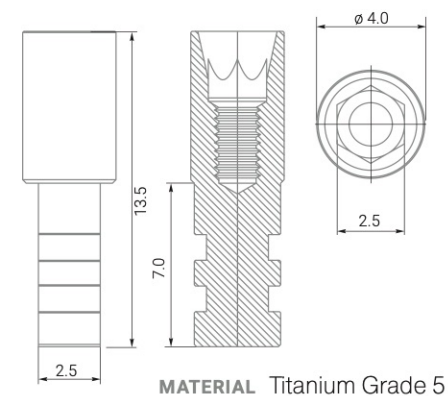
PROSTHETIC SCREW

LABORATORY IMPLANT ANALOGS

STANDARD PLATFORM



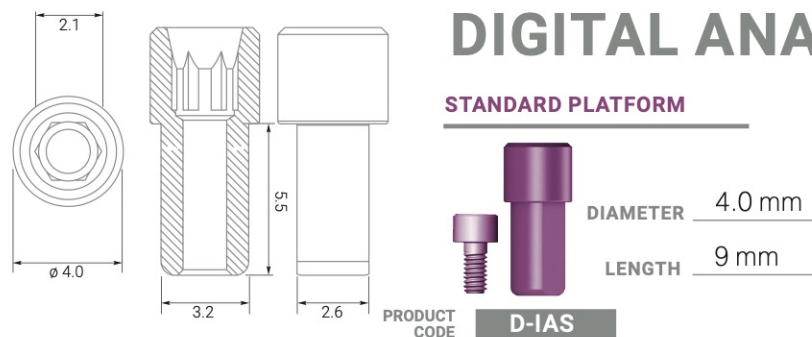
WIDE PLATFORM



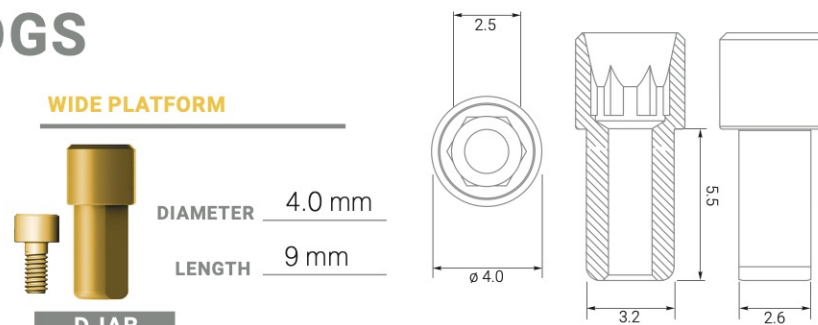
Laboratory Implant Analog is used in laboratory modeling.

DIGITAL ANALOGS

STANDARD PLATFORM

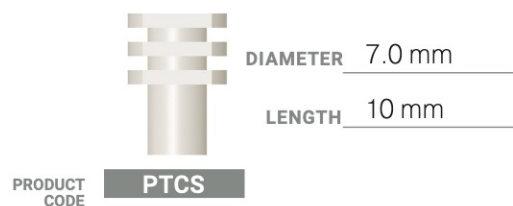


WIDE PLATFORM

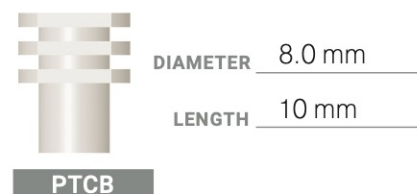


PLASTIC TRANSFER-CAP

STANDARD PLATFORM



WIDE PLATFORM




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

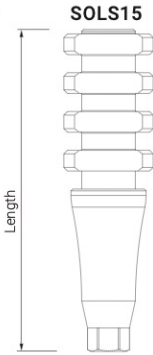
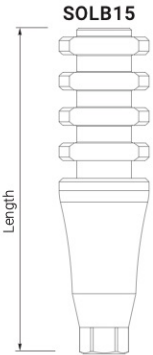
MATERIAL Titanium Grade 5

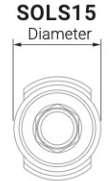
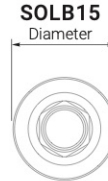


PRODUCT CODE **SOLS15**







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

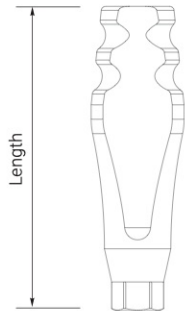

MATERIAL Titanium Grade 5







PRODUCT CODE **SGLS9**



PRODUCT CODE **SGLB9**

Each transfers set includes:

SCREW SFT17

Bio3 SURGICAL KIT

For a quick and easy dental surgery

**STANDARD
PLATFORM**

**WIDE
PLATFORM**

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



COMPONENTS OF THE SURGICAL KIT

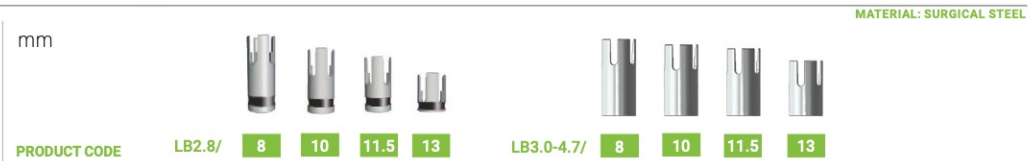
SURGICAL DRILLS

The conical surgical drills without internal cooling with diamond type coating.



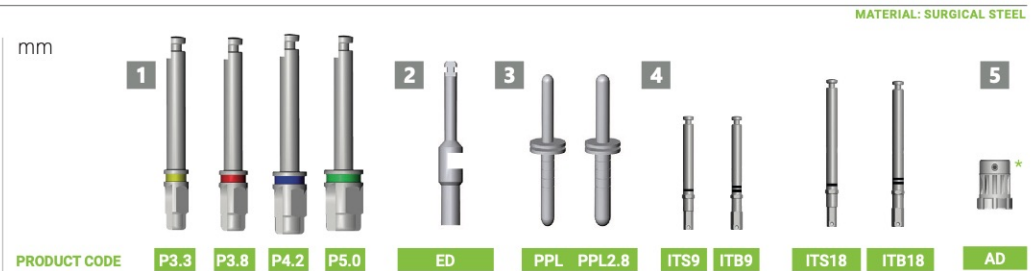
DRILL STOPPERS

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



SUPPORTING INSTRUMENTS

- 1 Profile drills
- 2 Drill extension
- 3 Parallel pin x 2
For socket direction and depth identification
- 4 Implant driver for implant retrieval
- 5 *Adapter for ratchet wrench



* Used in connection with implant driver to extract the implant from the flask

INSTRUMENTS

- 6 Universal screwdriver for screws 9 mm and 18 mm
For prosthetic screws, abutments, healing caps and cover screws.
- 7 Implant drivers 9mm and 18mm
- 8 Depth gauge
- 9 Ratchet wrench for implant placement
- 10 Torque wrench adaptor, force 10/45H*



*tool is not included in the set, can be ordered additionally

Bio3 GUIDE SURGICAL KIT

Bio3 IMPLANTS

Premium Dental Implants



Guide Surgical Kit

GSK



**STANDARD
PLATFORM**

**WIDE
PLATFORM**



* DG-D5 6 mm
* DG-D5-h3.5
* SFT2.0

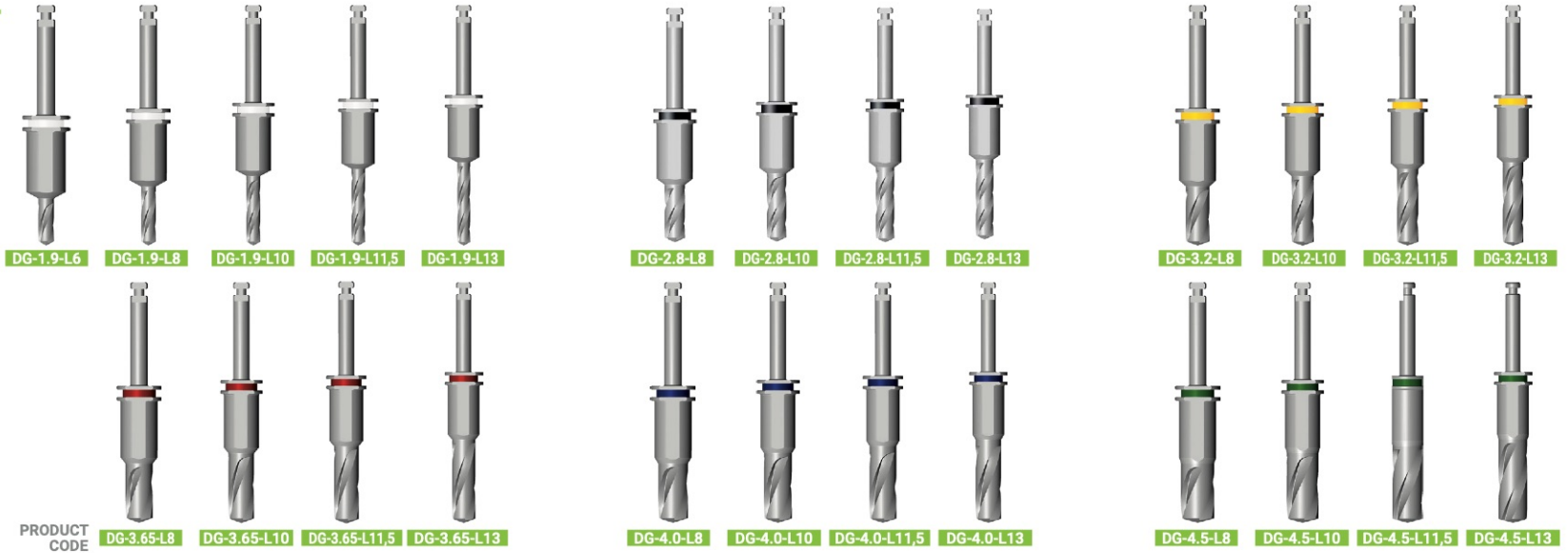
*is not included in GUIDE
SURGICAL KIT, can be
ordered additionally

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

COMPONENTS OF THE SURGICAL GUIDE KIT

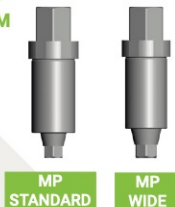
DRILLS

PRODUCT CODE



PRODUCT CODE

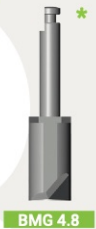
MOUNTER PLATFORM



MP STANDARD

MP WIDE

BONE MILL



BMG 4.8

MOUNT DRIVERS



SMD Hex.3

LMD Hex.3

RATCHET ADAPTOR



SAD Hex.4

LAD Hex.4

TISSUE PUNCH



GS5/TP5.0

UNIVERSAL SCREWDRIVER FOR SCREWS 9 mm and 18 mm



SU9

SU18

**is not included in GSK, can be ordered additionally*

Supportive Products

Instruments

Kits

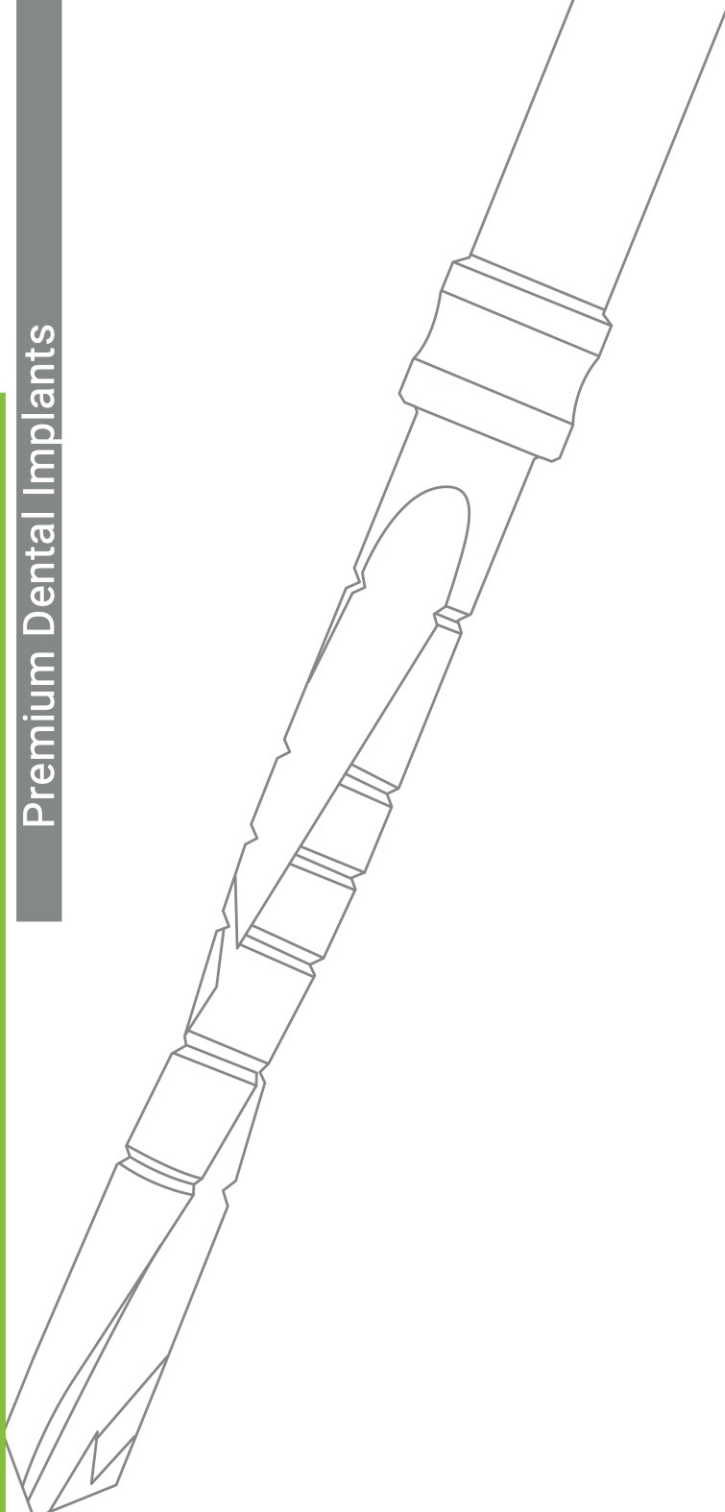
Suprastructures

Implants

Bio3 Implants Company

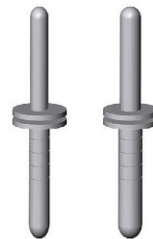
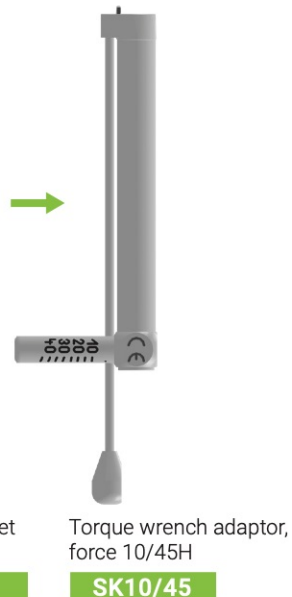
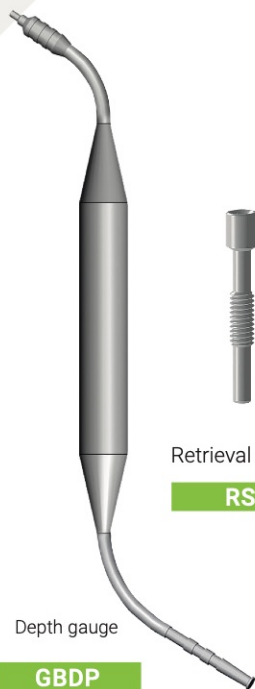
Bio3 IMPLANTS

Premium Dental Implants



INSTRUMENTS

INSTRUMENTS



Drill guide is placed inside the prepared drilling template and is intended to guide the drills and implant placement.



for Surgical Guide Pilot drilling only

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 different length – 9 mm and 18 mm for range ratchet

MATERIAL Surgical steel

IMPLANT DRIVER (for implant retrieval)

	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



ITS9

ITS18

ITB9

ITB18

Adapters are used for implant installation with handpiece – 9 mm and 18 mm

MATERIAL Surgical steel

ADAPTER FOR RATCHET WRENCH



AD

Adapter goes into the ratchet and serves as the connection between the wrench and implant driver

STOPPERS FOR PILOT DRILLS

DIAMETER 2.8 mm

Stoppers for cylinder pilot drills, diameter 2.0 and 2.8 mm



LB2.8/

8

10

11.5

13

MATERIAL Surgical steel

DIAMETER 3.0-4.7 mm

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



LB3.0-4.7/

8

10

11.5

13

WRENCHES FOR SUPRASTRUCTURES

For both platforms



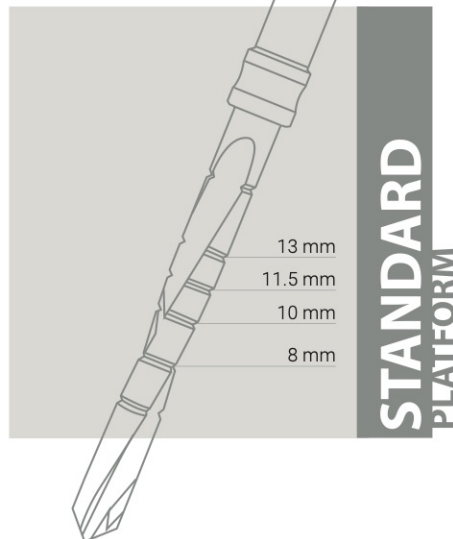
SU9

SU18

Universal wrench of 9 mm and 18 mm length.
For prosthetic screws, cover screws 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

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.

TAPERED DRILLS



TCS3.0

3.0 mm



TCS3.5

3.5 mm



TCS3.9

3.9 mm



TCS4.7

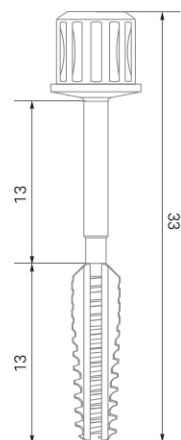
4.7 mm

MATERIAL Surgical steel

Diameter




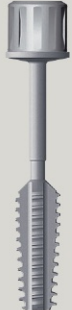
BONE TAPS FOR Bio3 PROGRESSIVE IMPLANTS

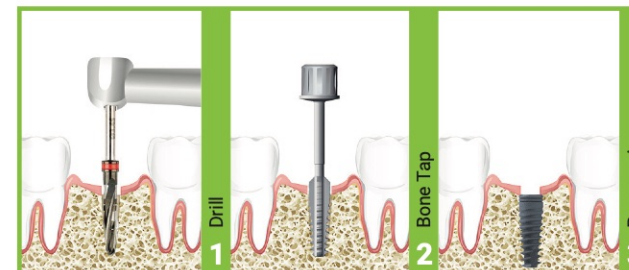
Bio3 Progressive



PRODUCT CODE

DIAMETER
LENGTH

			
TSP3.3	TSP3.8	TSP4.2	TSP5.0
3.3 mm	3.8 mm	4.2 mm	5.0 mm
13 mm	13 mm	13 mm	13 mm

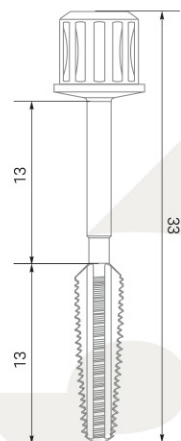


It is recommended to use them for I and II bone types.
For range ratchet.

MATERIAL Surgical steel





BONE TAPS FOR Bio3 ADVANCED IMPLANTS

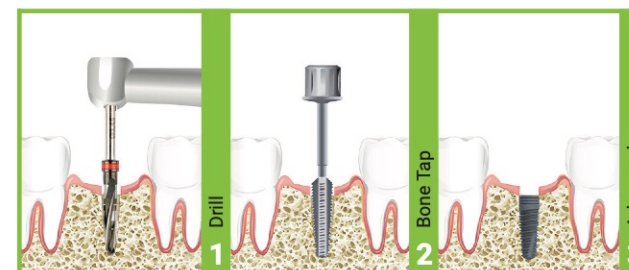
Bio3 Advanced



PRODUCT CODE

DIAMETER
LENGTH

			
TS3.3	TS3.8	TS4.2	TS5.0
3.3 mm	3.8 mm	4.2 mm	5.0 mm
13 mm	13 mm	13 mm	13 mm



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

MATERIAL Surgical steel

Bio3 IMPLANTS

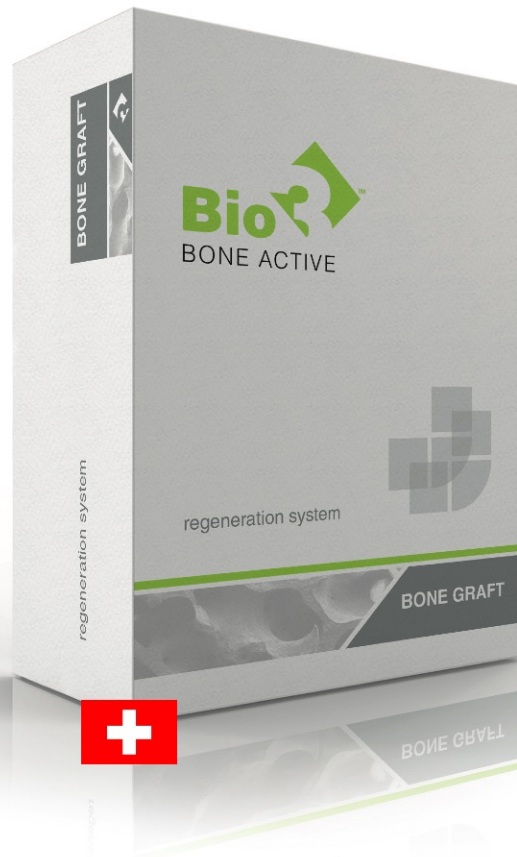
Premium Dental Implants



SUPPORTIVE PRODUCTS

Bio3 BONE GRAFT

MATERIAL FOR BONE REGENERATION



NATURAL OSTEOPLASTIC MATERIAL MADE OF HIGHLY PURIFIED BULL BONE

Bio3 BONE GRAFT is the natural osteoplastic material made of highly purified bull bone.

It is a safe transplantation material from Switzerland without any cell elements and protein particles. A unique technology of multi-level bone tissue purification combined with a method of heat treatment allows removing all organic components from the material and excluding any potential immune reactions.

Bio3 Bull Bone Graft possesses high osteogenic properties and biological compatibility with strongly marked hydrophilic qualities.

SIZE TABLE FOR BONE FRACTURE TYPES

BULL BONE (fraction: 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

BULL BONE (fraction: 0,25 - 1 mm)

B3G251005	Bio3Bone Microchips (0,5 g) 1 ml
B3G251010	Bio3Bone Microchips (1 g) 2 ml



Bio3 OSSEOINTEGRATION MONITOR

Penguin^{RFA} – Removes Doubt

In today's implant dentistry, the trend is to minimize the healing periods from short to none, before loading the implant. This puts serious responsibility on the specialists. If conditions are not optimal - poor primary stability may increase the risk of implant failure. PenguinRFA provides accurate and objective measurements of implant stability, serving as a reliable support when taking decisions on when to load.



55002 Bio3

- ▶ Up to 20 autoclavings
- ▶ ISQ Standard Calibrated™
- ▶ Optimal platform fit
- ▶ Laser-marked with type number



55059 Bio
MultiTipeg™ for **standard** platform

55067 Bio3
MultiTipeg™ for **wide** platform

Mount the MultiTipeg™
onto the implant and
make the measurement
in seconds.



55003 Bio3
MultiTipeg Driver Replacement
(different for various systems)

The RFA Technique

Resonance Frequency Analysis (RFA) was introduced into implant dentistry more than 20 years ago. A peg, attached to an implant, receives a signal and the vibration frequency is picked up by the instrument, which is presented as an ISQ (Implant Stability Quotient) value.

Monitor the Osseointegration:

- ▶ Reduces treatment time
- ▶ Manages patient's risks
- ▶ For immediate and postponed loading



The ISQ scale is measured from 1 to 99 and precisely correlates to implant's micromobility. The degree of osseointegration can be measured by taking a baseline value of an implant placement before loading.



