BIOTEC
DENTAL IMPLANTS

Product Catalog

Made for you

Contents

Biotec is a German dental implant company founded in 2005 and managed by dentists for dentists.

At Biotec, we use our extensive clinical experience and commitment to dentistry to develop and manufacture a full suite of dental solutions that include dental implant systems, surgical kits and drills, prosthetics, surgical instruments, digital solutions (CAD/CAM restoration), and biomaterials.

Why Biotec?

As dental professionals, we understand what other dentists need – for themselves and for their patients. With this in mind, we founded Biotec with the goal of developing better, higher-quality and easy-to-use dental solutions that meet the highest standards of safety, functionality and aesthetics.

This goal underpins everything we do, and more than 13 years later, we are still focusing all of our efforts on developing better and more innovative solutions for dentists to answer all of their patients' needs.

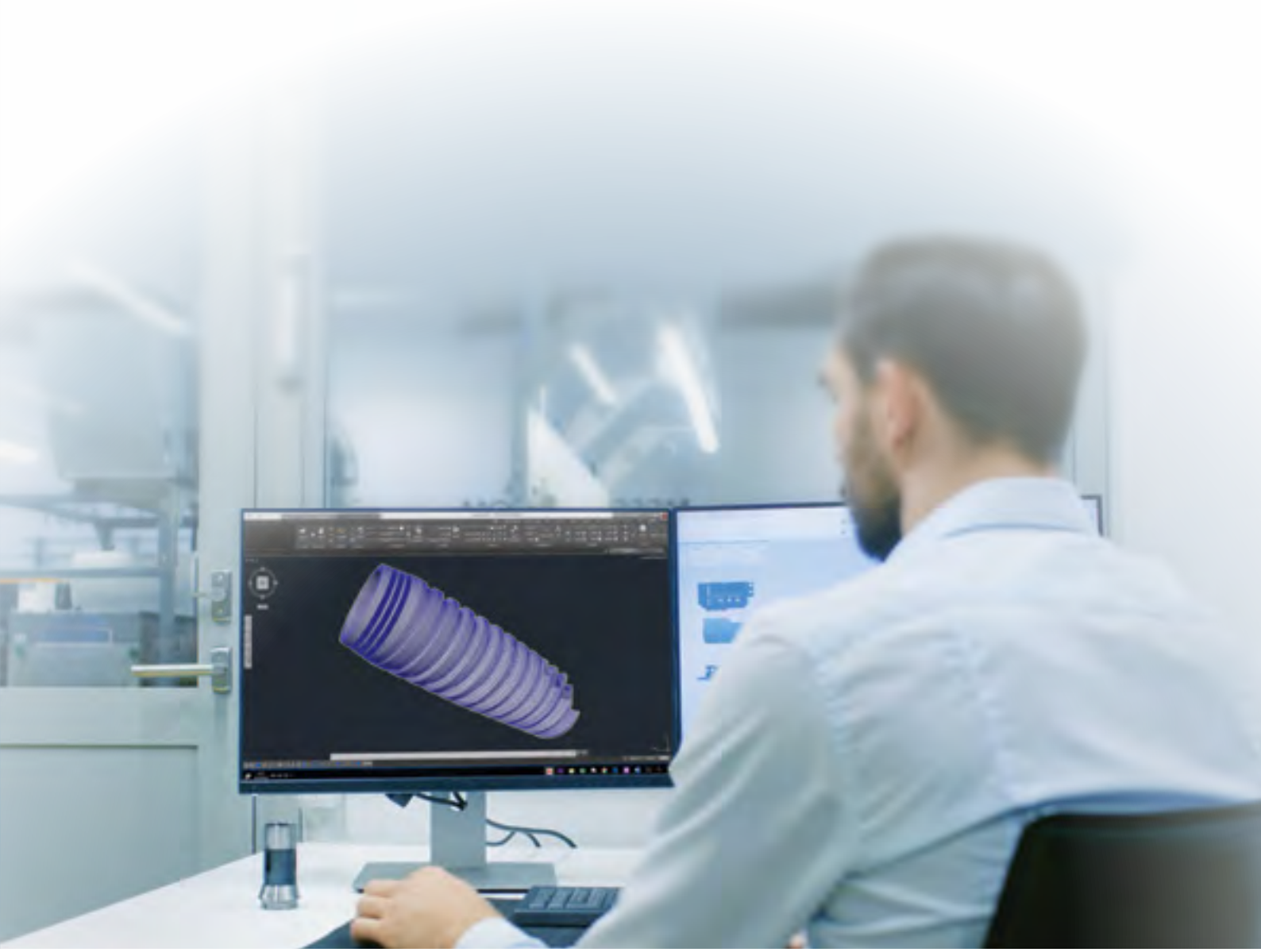
Made for you by dentists for dentists

Reputation for precision, quality and functional design

Quality is an integral part of everything we do at Biotec.
With a commitment to hands-on and clinical experience, and advanced research, development and technology, we ensure that our end-to-end manufacturing processes and in-house facility in Germany culminate in dental solutions that meet the highest quality standards.

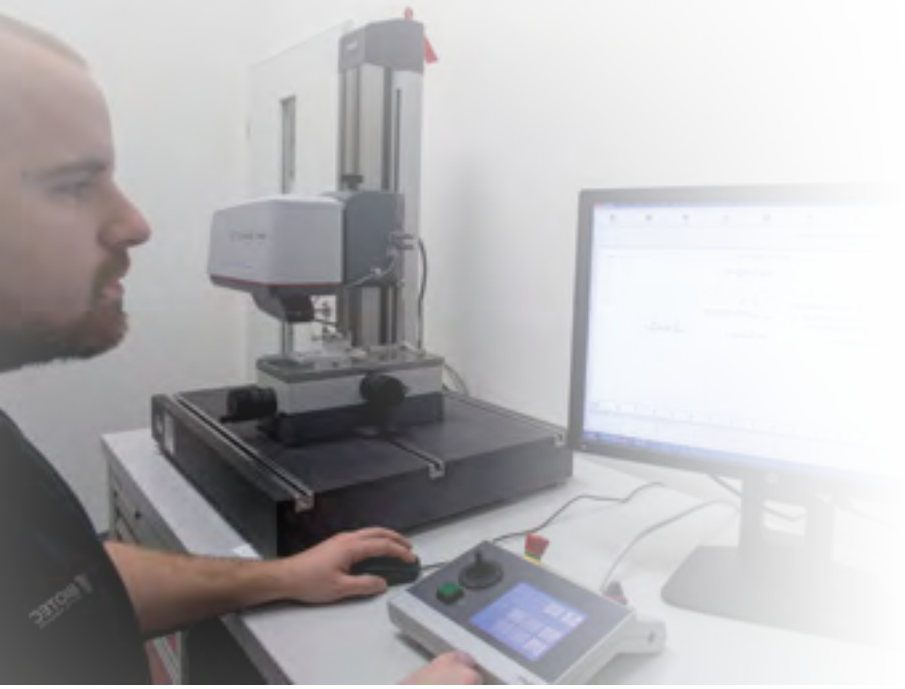
Personal and professional customer care

While dental implant quality and ease-of-use is crucial, we also understand the importance of ongoing support for dentists. With this in mind, we offer exceptional personal and professional customer care to ensure that dentists succeed and their patients receive the best possible treatment.



Biotec Dental Implant Solutions

Biotec dental implants are manufactured at our own state-of-the-art, in-house production facilities in Germany and comply with the highest standards.



Quality Assurance

Biotec has one of the most advanced state-of-the-art production facilities for manufacturing high quality dental solutions. Biotec complies with the following international standards:

- ISO 13485:2003 – Quality Management System for Medical Devices
- ISO 9001:2008 – Quality Management System and Medical Device Directive 93/42/EEC
- CE 1023 marking – Certificate Number 14 0725 CE
- Clean Room Class 7 according to ISO 14644
- SEM (Scanning Electron Microscope) Examination
- Static and Cycling Loading Test inCIM Implants
- Static and Cycling Loading Test ofSPRImplants
- Static and Cycling Loading T est ofSPTT Implants

Why Choose Biotec Dental Implants?

Biotec dental implants are made of biodegradable titanium alloy Ti 6Al 4V EU, which has excellent mechanical strength and chemical stability.

Based on exceptional and creative R&D, our implants provide an optimal solution for almost every clinical scenario – from basic to complex. With the highest level of surface quality, they offer biological benefits for hard and soft tissues, and promote functional and aesthetic results.

Raw Material

All Biotec dental implants are made of titanium alloy Ti 6Al 4V ELI (Grade 23). This alloy has been proven to be the ideal material for implants, mainly because of its ability to integrate almost completely with the bone. It is also biodegradable and offers superior mechanical qualities such as strength and endurance, as well as chemical stability.

Biotec implants are coated with a thin layer of pure titanium dioxide (TiO_2) and are treated using resorbable blast media (RBM). This advanced surface treatment technique uses calcium phosphate, a biocompatible material, to increase the surface of the implants and provide greater bone-to-implant contact.

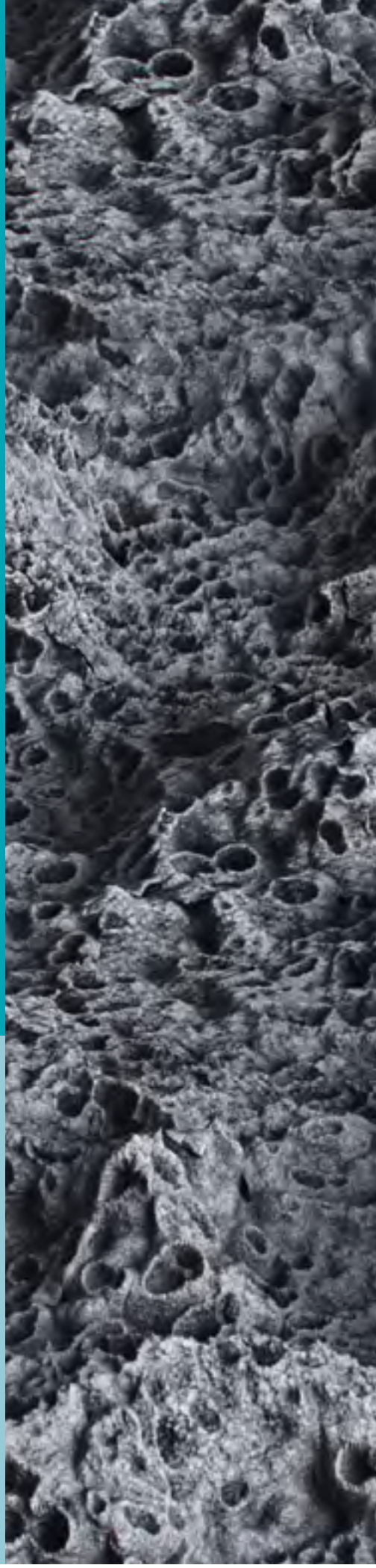
Implant Surfaces

Multiple studies have shown that the Osseointegration rate of titanium dental implants is directly related to their composition and surface roughness. Moreover, the characteristics of the implant surface also influence the healing and growth of tissue adjacent to the implant surface.

For this reason, we use the most advanced technique available – resorbable blast media (RBM) – to treat the surface of our dental implants. This surface treatment technique uses calcium phosphate, which is a biocompatible material, to increase the surface area of implants and provide greater bone-to-implant contact.

In addition, RBM-treated materials are osteoconductive and encourage cell growth and RBM treatment creates an exceptionally clean implant surface so that the gathering of osteoblast precursor cells is not inhibited. This supports successful implant therapy as the cells initiate bone development on the implant.

By using RBM surface treatment, our dental implants have a rougher surface than those produced using the traditional acid etch treatment – and as a result, they have a greater surface area for osseointegration, maximized implant-to-bone contact, better retention characteristics and enhanced biological fixation.

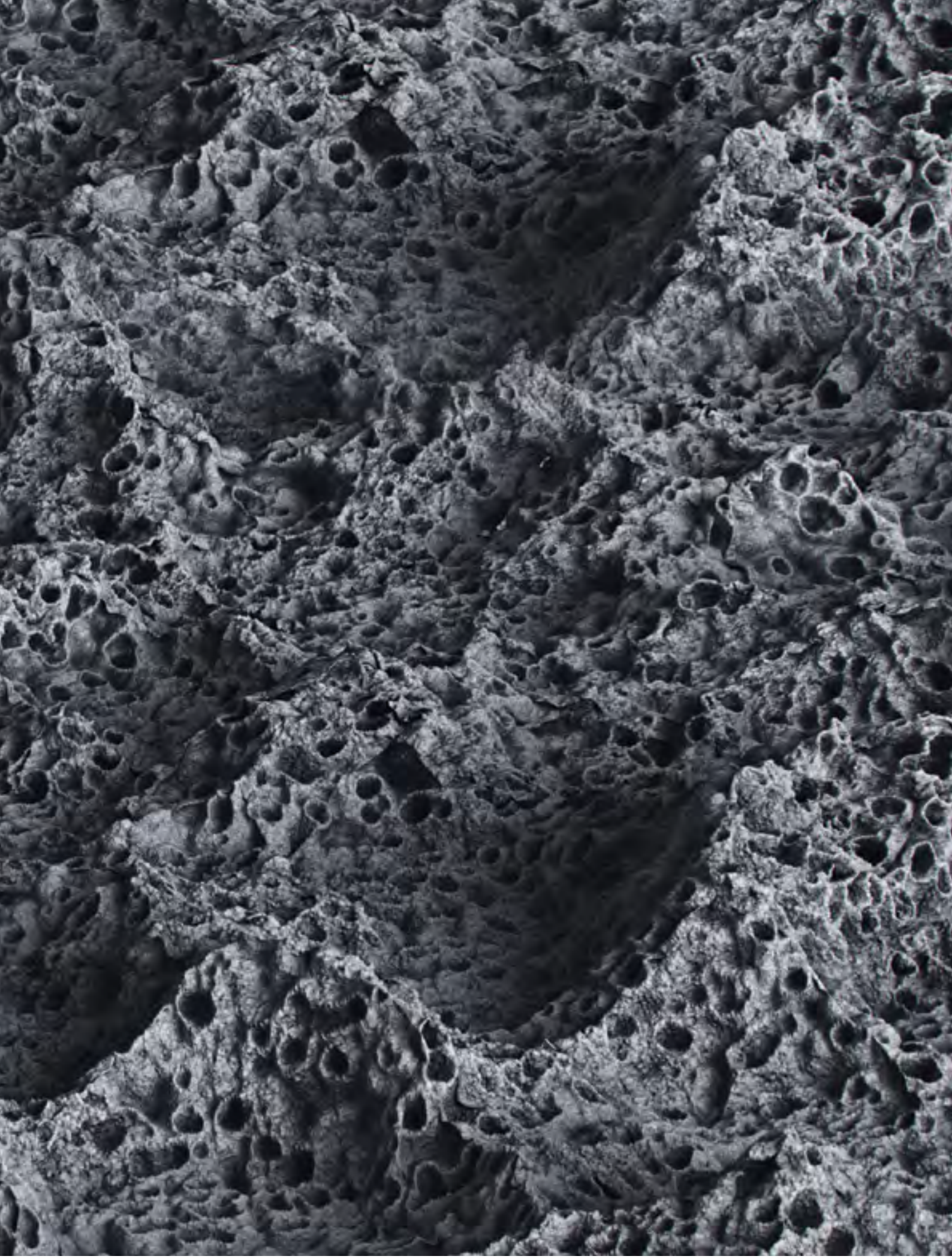


1. Le Guéhennec L, Soueidan A, Layrolle P, Amouriq Y. Surface treatments of titanium dental implants for rapid osseointegration. Dent Mater. 2007 Jul;23(7):844-54.

2. Rosa MB, Albrektsson T, Francischone CE, Schwartz Filho HO, Wennerberg A. The influence of surface treatment on the implant roughness pattern. J Appl Oral Sci. 2012 Sep-Oct;20(5):550-5.

3. Piattelli M, Scarano A, Paolantonio M, Iezzi G, Petrone G, Piattelli A. Bone response to machined and resorbable blast material titanium implants: an experimental study in rabbits. J Oral Implantol. 2002;28(1):2-8.

4. Nishimoto SK, Nishimoto M, Park SW, Lee KM, Kim HS, Koh JT, Ong JL, Liu Y, Yang Y. The effect of titanium surface roughening on protein absorption, cell attachment, and cell spreading. Int J Oral Maxillofac Implants. 2008 Jul-Aug;23(4):675-80.



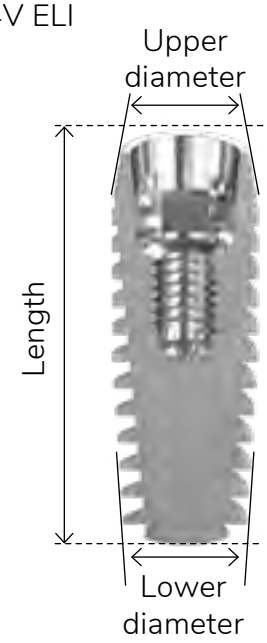
CONICAL CONNECTION | B1

Conical Connection | **B1**

Biotec B1 dental implants were designed and developed as a result of a careful and creative R&D process where a wide range of dental implants were evaluated and their most exemplary features were isolated.

These innovative features were then combined into a one-of-a-kind implant that stands out above the rest.

Material Titanium Alloy - Ti 6Al 4V ELI



Why choose Biotec B1 implants?

Perfect sealing The B1 dental implants use a 5°-morse taper connection. This enables dental surgeons to achieve a perfectly hermetic sealing and prevent the screw from loosening.

Greater mechanical retention The tolerance between the B1 implant (Þ) and the abutment angle (ß) is extremely small (5 micron), which increases mechanical retention and eliminates any micro movement. This also facilitates sealing to prevent any bacterial endotoxin leakage.

Single platform As all B1 implants use the same platform, stability is enhanced due to the greater variety of prosthetic options and reduced number of prosthetic connections.

Bone platform switching Offering superior bone platform switching, the B1 implant ensures that the implant-abutment connection is kept away from the bone to minimize bone resorption and allow for more vital growth of the soft tissue.

Conical shape The B1 has a conical root shape and a unique thread design that give it enhanced primary stability and make it the superior implant of choice for a wide range of clinical cases and loading protocols. Its conical root shape makes it ideal for scenarios where space is restricted due to bone resorption or vital anatomical structures.

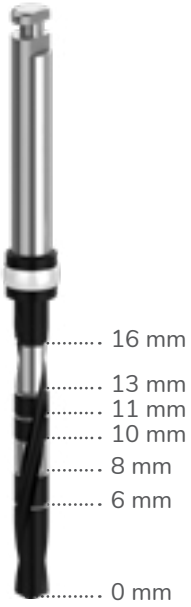
Conical Connection | **B1**

B1 Ø 3.5 mm

Upper Diameter
Ø 3.5 mm

Lower Diameter
Ø 2.9 mm

Length	Catalog Number
8.5 mm	Bio-B3585
10 mm	Bio-B3510
11.5 mm	Bio-B3511
13 mm	Bio-B3513
16 mm	Bio-B3516



	Soft Bone (D3, D4)					**Hard Bone** (D1, D2)	
							
Diameter (mm)	**Ø 1.9**	**Ø 2.0**	**Ø 2.5**	**Ø 2.8**	**Ø 3.5**	**Ø 3.2**	**Ø 3.5**
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700		500-700	

* Recommended insertion torque 35-60 Ncm

* Procedure recommended by Biotec Implant Systems GmbH.
Dental professionals should exercise their own judgment in each case.

Conical Connection | **B1**

B1 Ø 4.0 mm

Upper Diameter
Ø 4.0 mm

Lower Diameter
Ø 3.4 mm

Length	Catalog Number
8.5 mm	Bio-B4085
10 mm	Bio-B4010
11.5 mm	Bio-B4011
13 mm	Bio-B4013
16 mm	Bio-B4016

	Soft Bone (D3, D4)							Hard Bone (D1, D2)	
Diameter (mm)	Ø 1.9	Ø 2.0	Ø 2.5	Ø 2.8	Ø 3.2	Ø 3.65	Ø 4.0	Ø 3.8	Ø 4.0
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	500-700	500-700		500-700	

* Recommended insertion torque 35-60 Ncm

* Procedure recommended by Biotec Implant Systems GmbH.
Dental professionals should exercise their own judgment in each case.

Conical Connection | **B1**

B1 Ø 4.5 mm

Upper Diameter
Ø 4.5 mm

Lower Diameter
Ø 3.9 mm

Length	Catalog Number
8.5 mm	Bio-B4585
10 mm	Bio-B4510
11.5 mm	Bio-B4511
13 mm	Bio-B4513
16 mm	Bio-B4516

Soft Bone (D3, D4)

Diameter (mm)	**Ø 1.9**	**Ø 2.0**	**Ø 2.5**	**Ø 2.8**	**Ø 3.2**	**Ø 3.65**	**Ø 3.8**	**Ø 4.5**
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	500-700	500-700	500-700	

Hard Bone (D1, D2)

Diameter (mm)	**Ø 4.2**	**Ø 4.5**
Drill Speed (rpm)	500-700	

* Recommended insertion torque 35-60 Ncm

* Procedure recommended by Biotec Implant Systems GmbH. Dental professionals should exercise their own judgment in each case.

Conical Connection | **B1**

B1 Ø 5.0 mm

Upper Diameter
Ø 5.0 mm

Lower Diameter
Ø 4.4 mm

Length	Catalog Number
8.5 mm	Bio-B5085
10 mm	Bio-B5010
11.5 mm	Bio-B5011
13 mm	Bio-B5013
16 mm	Bio-B5016

Soft Bone (D3, D4)

Diameter (mm)	**Ø 1.9**	**Ø 2.0**	**Ø 2.5**	**Ø 2.8**	**Ø 3.2**	**Ø 3.65**	**Ø 4.2**	**Ø 4.5**	**Ø 5.0**
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	500-700	500-700	500-700	500-700	

Hard Bone (D1, D2)

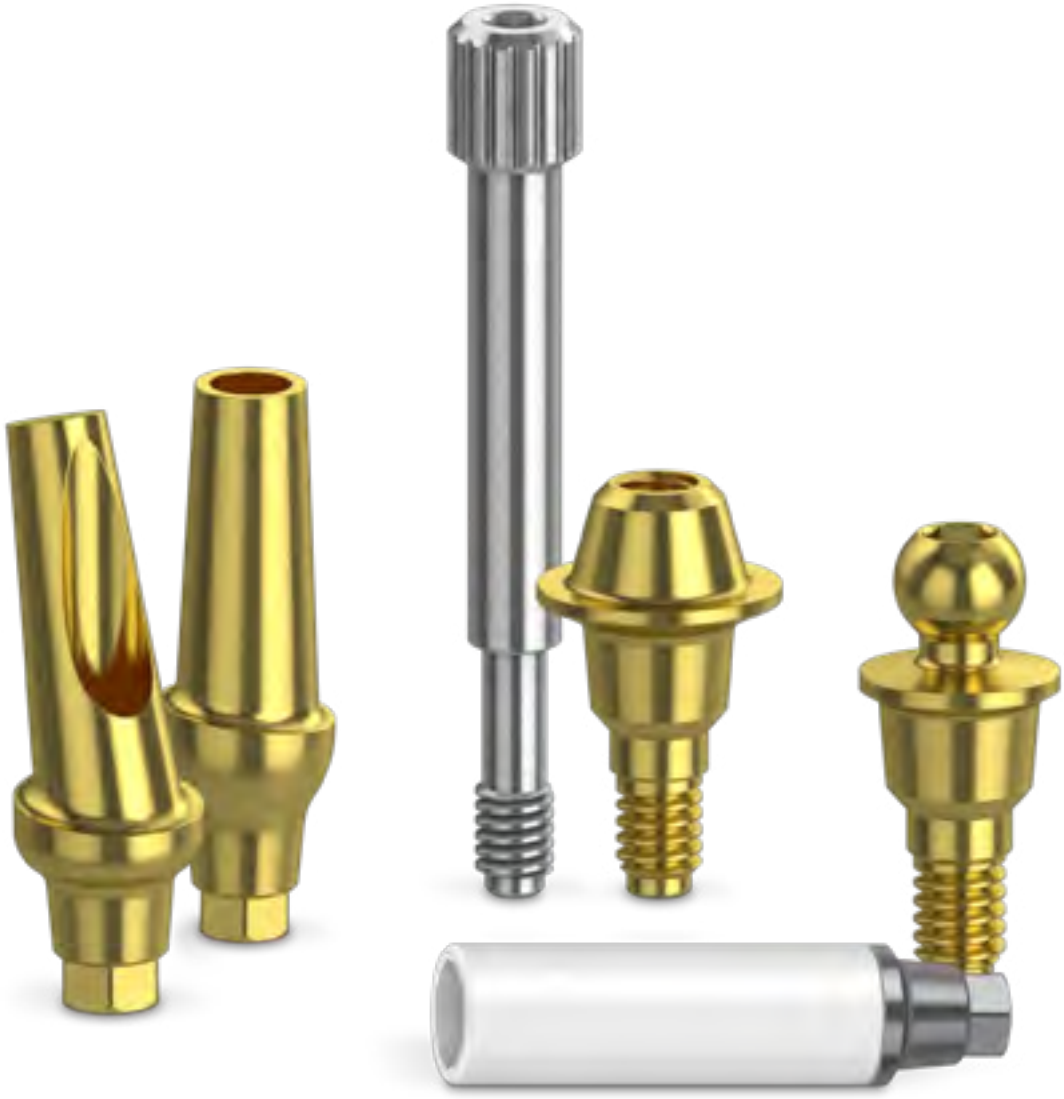
Diameter (mm)	**Ø 4.8**	**Ø 5.0**
Drill Speed (rpm)	500-700	

* Recommended insertion torque 35-60 Ncm

* Procedure recommended by Biotec Implant Systems GmbH. Dental professionals should exercise their own judgment in each case.

Conical Connection | **B1** | **Prosthetics**

Biotec offers a wide range of easy-to-use and esthetic restorations and prosthetics for almost any clinical need. The diameters of these prosthetics are interchangeable based on preference and need.

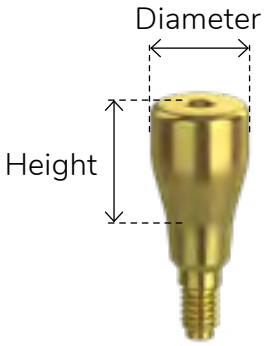


Healing Caps

Used for Conical Connection with a 5°-morse.

Healing caps shape the soft tissue around the implant and prepare the site for the superstructure insertion. The healing cap is selected based on the thickness of the mucosa. In addition, wide healing caps are used for soft-tissue contouring of molars and premolars.

We recommend hand-tightening using a 1,25 mm hex. driver or a motor unit with a force of 10 Ncm.



Material Titanium Alloy - Ti 6Al 4V ELI

Diameter **Ø 3.8** mm		
	Height	**Catalog Number**
	2 mm	Bio-HCC3802
	3 mm	Bio-HCC3803
	4 mm	Bio-HCC3804
	5 mm	Bio-HCC3805
	6 mm	Bio-HCC3806
	7 mm	Bio-HCC3807

Diameter **Ø 4.2** mm		
	Height	**Catalog Number**
	2 mm	Bio-HCC4202
	3 mm	Bio-HCC4203
	4 mm	Bio-HCC4204
	5 mm	Bio-HCC4205
	6 mm	Bio-HCC4206
	7 mm	Bio-HCC4207

Open & Closed Tray Transfers

Used for Conical Connection with a 5°-morse.

Tray transfers are designed for impressions using the open-tray technique when the retentions are sharp, and for the closed-tray technique when they are round.

Material Body - Stainless Steel; Screws - Titanium

Open Transfer	Catalog No.	Closed Transfer	Catalog No.
	Bio-SSC4201		Bio-CTR12
	Bio-OC2418		Bio-CTRS1

Implant Analog

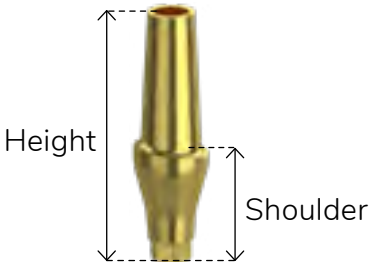
Implant Analog (IAs) can be used for all B1 implant diameters (Ø 3.5 mm, Ø 4.0 mm, Ø 4.5 mm, Ø5.0 mm).

We recommend using lab analogs with identical dimensions (for example IA5 and IA6) for Ø5.0 mm or Ø6.0 mm implants to ensure the best rendering of the clinical situation.

Analog	Catalog No.	Extractor	Catalog No.	Cover Screw	Catalog No.
	Bio-AAC6004		Bio-EXT10		Bio-C5023

Straight Abutments

Our wide variety of straight abutments remain stable even when their wall thickness is reduced to 0.1 mm. They are suitable for use in multiple scenarios, for example, single crowns, bridges and the fabrication of cement-retained restorations, single crowns and bridges.



We recommend tightening the screw at a torque between 25 and 30 Ncm.

Material Titanium Alloy - Ti 6Al 4V ELI

Straight

Diameter Ø 3.8 mm

	Height	Catalog Number
	9 mm	Bio-CSL0942
	11 mm	Bio-CSL1142

Diameter Ø 4.2 mm

	Height	Catalog Number
	9 mm	Bio-CSL0938
	11 mm	Bio-CSL1138

Straight Anatomic

	Height	Shoulder	Catalog Number
	8.5 mm	1 mm	Bio-AAC4601
	9.5 mm	2 mm	Bio-AAC4602
	10.5 mm	3 mm	Bio-AAC4603
	11.5 mm	4 mm	Bio-AAC4604

Included with all abutments or available separately

Catalog Number
Bio-2910

Plastic Abutments

Plastic castable abutments on titanium bases are suitable for use by technicians for simple casting of custom-made abutments for construction of the prosthetic restoration. These abutments enable the dental lab to cast on an accurate titanium base. The machined titanium base offers an accurate fit for the implant.

Material Delrin

Plastic Abutment

	Catalog Number
 Hex	Bio-PLHC101
 Non-Hex	Bio-PLHC102

Plastic Abutment with Metal Base

	Catalog Number
 Hex	Bio-PSC2001
 Non-Hex	Bio-PCS2002

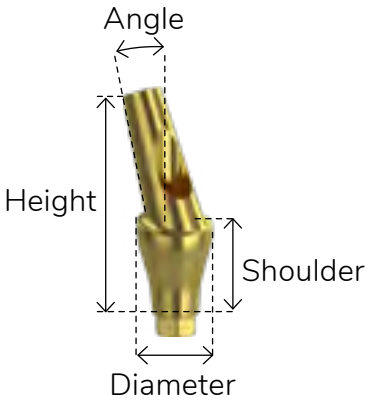
Included with all abutments or available separately

Catalog Number Bio-2910

Angulated Abutments

Angulated abutments are used when a change to the axis of the implant is required, and normally for constructing cement-retained single crowns or bridges. They are available with 15” and 25” degree angles

We recommend tightening the screw at a torque between 25 and 30 Ncm.



Material Titanium Alloy - Ti 6Al 4V ELI

Standard

Angulated **15° Ø 4.71 mm**		
	Height	**Catalog Number**
	**9** mm	Bio-C0915
	**11** mm	Bio-C1115

Narrow

Angulated **15° Ø 4.02** mm		
	Height	**Catalog Number**
	**9** mm	Bio-C0815
	**11** mm	Bio-C1815

Anatomic

Angulated **15°**			
	Height	**Shoulder**	**Catalog Number**
	**9.5** mm	**1** mm	Bio-AAC1501
	**10.5** mm	**2** mm	Bio-AAC1502
	**11.5** mm	**3** mm	Bio-AAC1503
	**12.5** mm	**4** mm	Bio-AAC1504

Standard

Angulated **25° Ø 4.71 mm**		
	Height	**Catalog Number**
	**9** mm	Bio-C0925
	**11** mm	Bio-C1125

Narrow

Angulated **25° Ø 4.02** mm		
	Height	**Catalog Number**
	**9** mm	Bio-C0825
	**11** mm	Bio-C1825

Anatomic

Angulated **25°**			
	Height	**Shoulder**	**Catalog Number**
	**9.5** mm	**1** mm	Bio-AAC2501
	**10.5** mm	**2** mm	Bio-AAC2502
	**11.5** mm	**3** mm	Bio-AAC2503
	**12.5** mm	**4** mm	Bio-AAC2504

Multi-Unit System

The multi-unit system is a solution for screw-retained prostheses, also on complicated-to-restore implants such as multiple-titled implants. It comprises a full range of sizes for both the upper and lower jaws. It also includes a variety of heights and connects to a wide range of complementary products.

Material Titanium Alloy - Ti 6Al 4V ELI

Straight Multi Unit

	Height	Catalog Number
	1 mm	Bio-MCC01
	2 mm	Bio-MCC02
	3 mm	Bio-MCC03

Angulated Multi Unit 30 mm

	Height	Catalog Number
	1 mm	Bio-MCC3001
	2 mm	Bio-MCC3002
	3 mm	Bio-MCC3003

Angulated Multi Unit 18 mm

	Height	Catalog Number
	1 mm	Bio-MCC1801
	2 mm	Bio-MCC1802
	3 mm	Bio-MCC1803

Multi-Unit Components

	Product Description	Catalog Number
	Healing Cap	Bio-MOHC1
	Short Titanium Sleeve	Bio-MTIOS
	Screw for Open Transfer	Bio-OC2418
	Analog	Bio-M0AN1
	Screw Abutment	Bio-MOSC1
	Plastic Sleeve	Bio-MPLO1
	Titanium Sleeve	Bio-MTIO1
	Open Transfer	Bio-MOTR2

Ball Attachment

The ball attachment superstructure is used to secure a removal prosthesis. This attachment is used together with a stainless steel cap and an intermediate Nylon insert.

Material Titanium Alloy - Ti 6Al 4V ELI

	Height	Catalog Number
	0.5 mm	Bio-BAC12005
	1 mm	Bio-BAC1201
	2 mm	Bio-BAC1202
	3 mm	Bio-BAC1203
	4 mm	Bio-BAC1204
	5 mm	Bio-BAC1205
	6 mm	Bio-BAC1206

Internal Cap

for **2.5** mm Ball Attachment

	Material	Catalog Number
	**Silicon** Extra Soft	Bio-S3002
	**Silicon** Soft	Bio-S3003
	**Silicon** Standard	Bio-S3004
	**Peek**	Bio-S3005

Housing for Internal Cap

	Material	Catalog Number
	**Metal**	Bio-MC3001

Order with Silicon Cap 

INTERNAL HEX

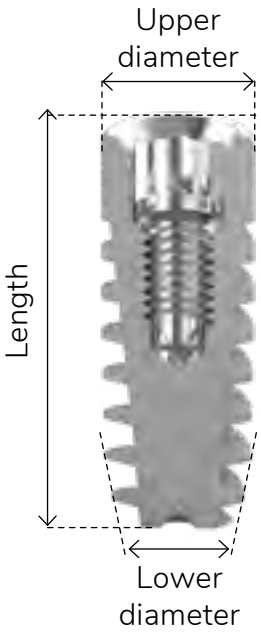
Biotec internal hex connection implants offer the perfect fit between the implant and the abutment, and are designed and developed to meet the highest standards of safety, functionality and aesthetics. Our portfolio covers almost every clinical case – from the most simple to the most complex. This is to ensure that every dental surgeon finds the most accurate and convenient implant with which to work and achieve the best results for patients.

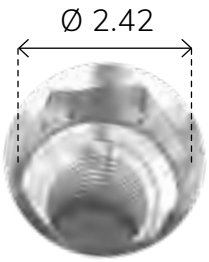

SPR
SPTT
CIM
Zygomatic
Pterygoid

Internal Hex | SPR

BiotecSPRimplants are spiral-tapered implants with sharp threads and a pronounced tapered core that have been uniquely designed with sharper cutting flutes to slice through and widen the bone gradually.

Material Titanium Alloy - Ti 6Al 4V ELI





Why choose BiotecSPRimplants?

- Minimize micro movement and reduce bone resorption
- Improved cutting ability
- Better bone-to-implant contact for better primary stability
- Exceptional solution for immediate placement and loading
- Fast insertion
- Self-tapping
- Bone condensing
- RBM surface treatment enhances soft tissue integration and stabilizes crestal bone

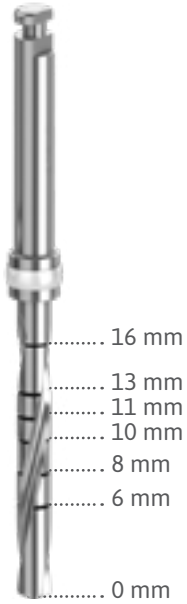
Internal Hex | SPR

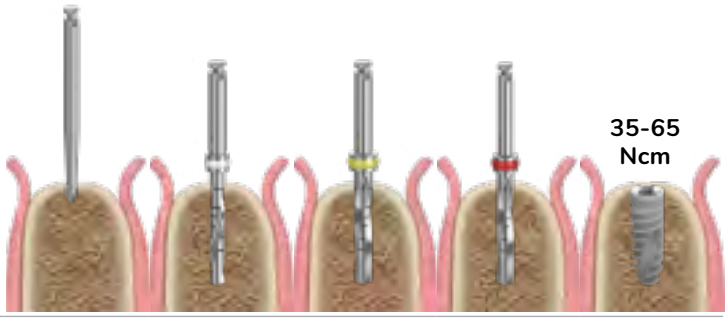
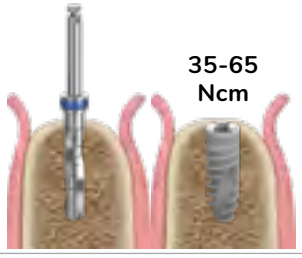
SPR Ø 3.3 mm

Upper Diameter
Ø 3.3 mm

Lower Diameter
Ø 2.8 mm

Length	Catalog Number
8 mm	Bio-SPR3308
10 mm	Bio-SPR3310
11.5 mm	Bio-SPR3311
13 mm	Bio-SPR3313
16 mm	Bio-SPR3316



	Soft Bone (D3, D4)					**Hard Bone** (D1, D2)	
							
Diameter (mm)	**Ø 1.9**	**Ø 2.0**	**Ø 2.5**	**Ø 2.8**	**Ø 3.3**	**Ø 3.2**	**Ø 3.3**
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700		500-700	

* Recommended insertion torque 35-60 Ncm

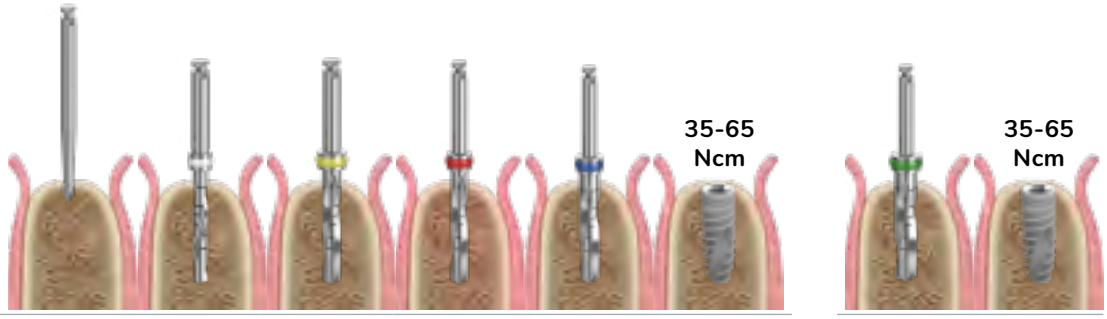
* Procedure recommended by Biotec Implant Systems GmbH.
Dental professionals should exercise their own judgment in each case.

SPR Ø 3.75 mm

Upper Diameter
Ø 3.75 mm

Lower Diameter
Ø 2.9 mm

Length	Catalog Number
6 mm	Bio-SPR3706
8 mm	Bio-SPR3708
10 mm	Bio-SPR3710
11.5 mm	Bio-SPR3711
13 mm	Bio-SPR3713
16 mm	Bio-SPR3716



	Soft Bone (D3, D4)						Hard Bone (D1, D2)	
Diameter (mm)	**Ø 1.9**	**Ø 2.0**	**Ø 2.5**	**Ø 2.8**	**Ø 3.2**	**Ø 3.75**	**Ø 3.65**	**Ø 3.75**
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	500-700	500-700	500-700	

* Recommended insertion torque 35-60 Ncm

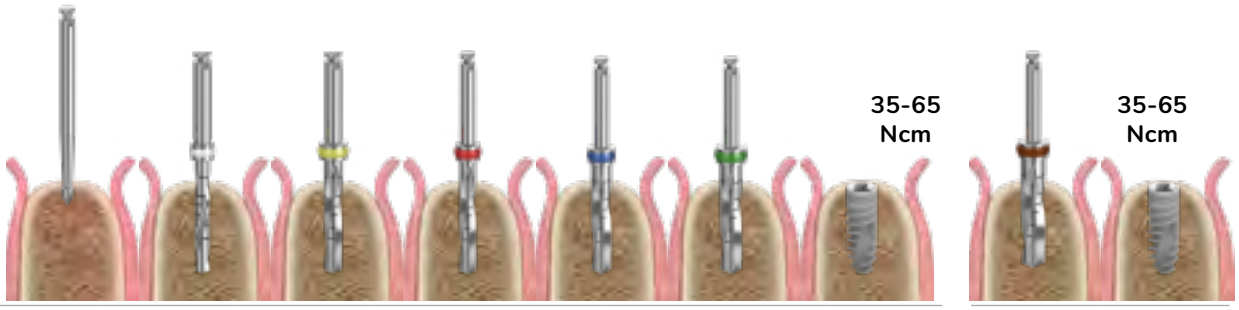
* Procedure recommended by Biotec Implant Systems GmbH.
Dental professionals should exercise their own judgment in each case.

SPR Ø 4.2 mm

Upper Diameter
Ø 4.2 mm

Lower Diameter
Ø 3.3 mm

Length	Catalog Number
6 mm	Bio-SPR4206
8 mm	Bio-SPR4208
10 mm	Bio-SPR4210
11.5 mm	Bio-SPR4211
13 mm	Bio-SPR4213
16 mm	Bio-SPR4216



	Soft Bone (D3, D4)						Hard Bone (D1, D2)	
Diameter (mm)	Ø 1.9	Ø 2.0	Ø 2.5	Ø 2.8	Ø 3.2	Ø 3.65	Ø 4.2	Ø 4.0	Ø 4.2
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	500-700	500-700		500-700	

* Recommended insertion torque 35-60 Ncm

* Procedure recommended by Biotec Implant Systems GmbH.
Dental professionals should exercise their own judgment in each case.

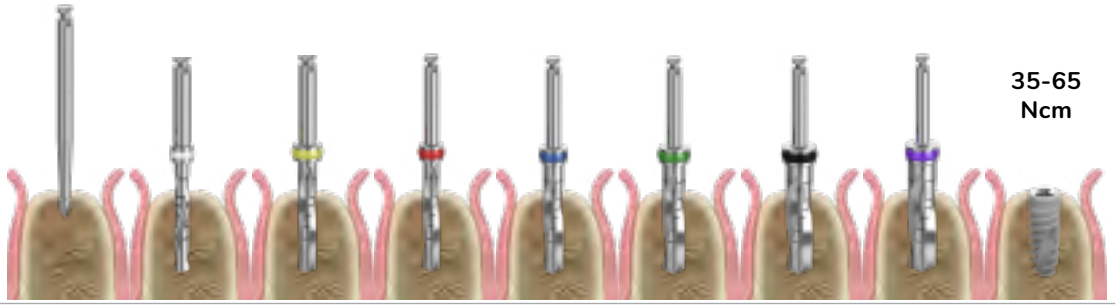
SPR Ø 5.0 mm

Upper Diameter
Ø 5.0 mm

Lower Diameter
Ø 4.1 mm

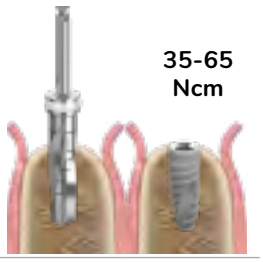
Length	Catalog Number
6 mm	Bio-SPR5006
8 mm	Bio-SPR5008
10 mm	Bio-SPR5010
11.5 mm	Bio-SPR5011
13 mm	Bio-SPR5013
16 mm	Bio-SPR5016

Soft Bone (D3, D4)



Diameter (mm)	**Ø 1.9**	**Ø 2.0**	**Ø 2.5**	**Ø 2.8**	**Ø 3.2**	**Ø 3.65**	**Ø 4.2**	**Ø 4.5**	**Ø 5.0**
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	500-700	500-700	500-700	500-700	

Hard Bone (D1, D2)



Diameter (mm)	**Ø 4.8**	**Ø 5.0**
Drill Speed (rpm)	500-700	

* Recommended insertion torque 35-60 Ncm

* Procedure recommended by Biotec Implant Systems GmbH. Dental professionals should exercise their own judgment in each case.

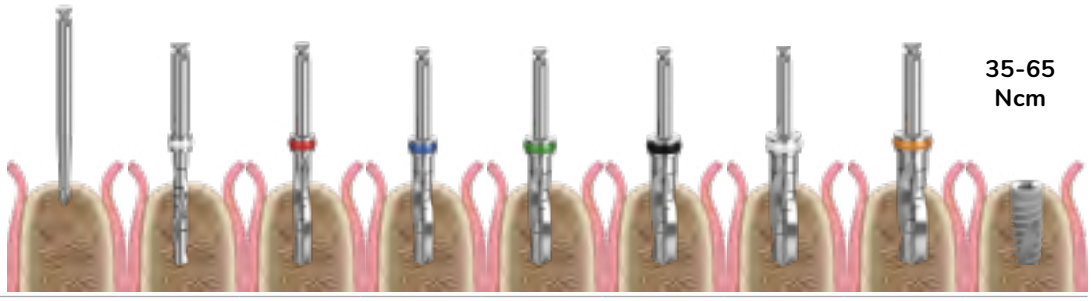
SPR Ø 6.0 mm

Upper Diameter
Ø 6.0 mm

Lower Diameter
Ø 5.1 mm

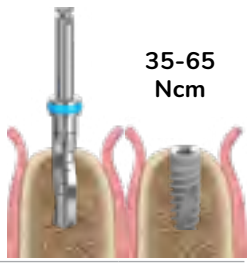
Length	Catalog Number
6 mm	Bio-SPR6006
8 mm	Bio-SPR6008
10 mm	Bio-SPR6010
11.5 mm	Bio-SPR6011
13 mm	Bio-SPR6013

Soft Bone (D3, D4)



Diameter (mm)	**Ø 1.9**	**Ø 2.0**	**Ø 2.8**	**Ø 3.2**	**Ø 3.65**	**Ø 4.2**	**Ø 4.8**	**Ø 5.2**	**Ø 6.0**
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	500-700	500-700	500-700	500-700	

Hard Bone (D1, D2)



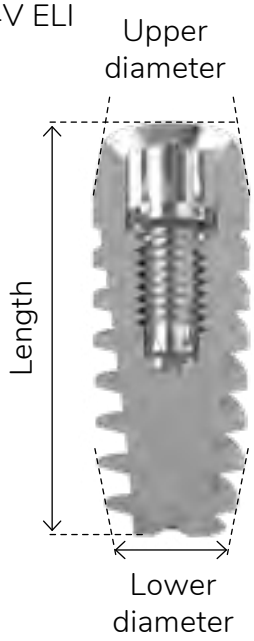
Diameter (mm)	**Ø 5.8**	**Ø 6.0**
Drill Speed (rpm)	500-700	

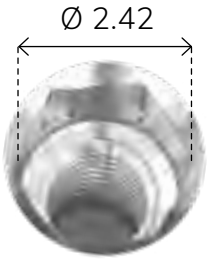
* Recommended insertion torque 35-60 Ncm
* Procedure recommended by Biotec Implant Systems GmbH. Dental professionals should exercise their own judgment in each case.

Internal Hex | SPTT

BiotecSPTT implants share the same three-thread zone concept asSPRimplants but they also incorporate platform switching in their design, which keeps the implant-abutment connection away from the bone, minimizes bone resorption and allows for more vital growth of the soft tissue.

Material Titanium Alloy - Ti 6Al 4V ELI





Why choose BiotecSPTT implants?

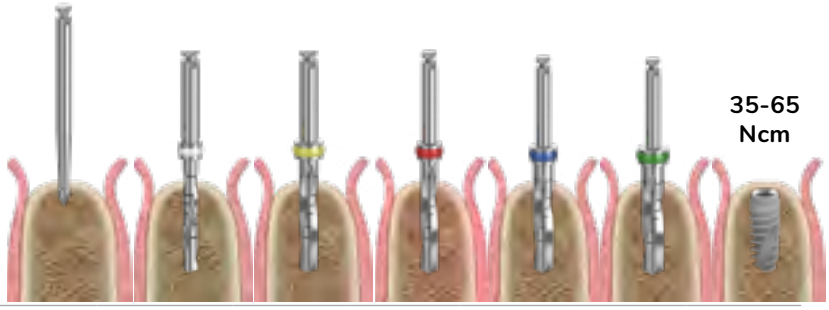
- Platform switching – keeps implant-abutment connection away from the bone and minimizes bone resorption
- Improved cutting ability
- Better bone-to-implant contact for better primary stability
- Exceptional solution for immediate placement and loading
- Fast insertion
- Self-tapping
- Bone condensing
- RBM surface treatment enhances soft tissue integration and stabilizes crestal bone

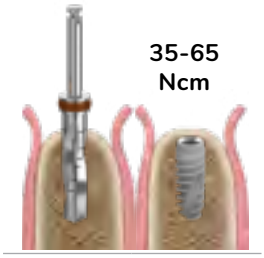
SPTT Ø 4.2 mm

Upper Diameter
Ø 4.2 mm

Lower Diameter
Ø 3.3 mm

Length	Catalog Number
6 mm	Bio-SPTT4306
8 mm	Bio-SPTT4308
10 mm	Bio-SPTT4310
11.5 mm	Bio-SPTT4311
13 mm	Bio-SPTT4313
16 mm	Bio-SPTT4316





	Soft Bone (D3, D4)							Hard Bone (D1, D2)	
Diameter (mm)	Ø 1.9	Ø 2.0	Ø 2.5	Ø 2.8	Ø 3.2	Ø 3.65	Ø 4.2	Ø 4.0	Ø 4.2
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	500-700	500-700		500-700	

* Recommended insertion torque 35-60 Ncm

* Procedure recommended by Biotec Implant Systems GmbH.
Dental professionals should exercise their own judgment in each case.

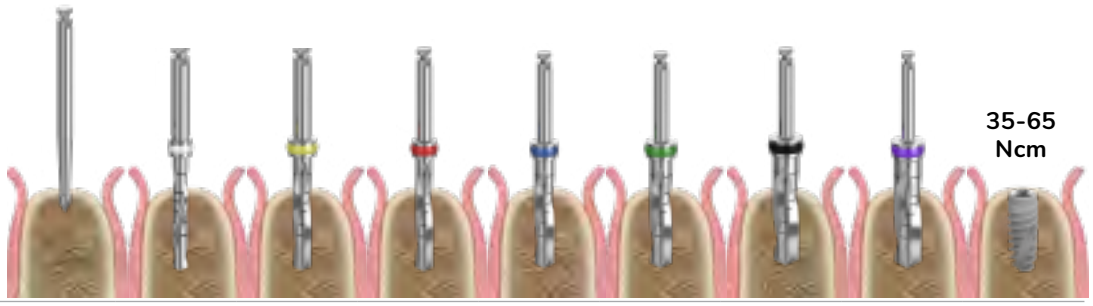
SPTT Ø 5.0 mm

Upper Diameter
Ø 5.0 mm

Lower Diameter
Ø 4.1 mm

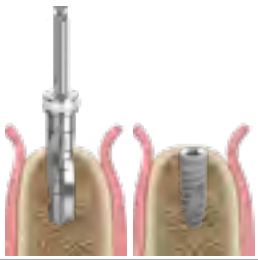
Length	Catalog Number
6 mm	Bio-SPTT5106
8 mm	Bio-SPTT5108
10 mm	Bio-SPTT5110
11.5 mm	Bio-SPTT5111
13 mm	Bio-SPTT5113
16 mm	Bio-SPTT5116

Soft Bone (D3, D4)



Diameter (mm)	Ø 1.9	Ø 2.0	Ø 2.5	Ø 2.8	Ø 3.2	Ø 3.65	Ø 4.2	Ø 4.5	Ø 5.0
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	500-700	500-700	500-700	500-700	

Hard Bone (D1, D2)



Diameter (mm)	Ø 4.8	Ø 5.0
Drill Speed (rpm)	500-700	

* Recommended insertion torque 35-60 Ncm
* Procedure recommended by Biotec Implant Systems GmbH. Dental professionals should exercise their own judgment in each case.

SPTT Ø 6.0 mm

Upper Diameter
Ø 6.0 mm

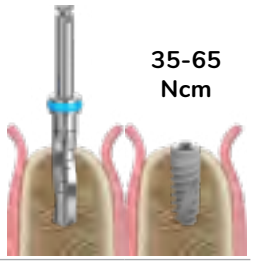
Lower Diameter
Ø 5.1 mm

Length	Catalog Number
6 mm	Bio-SPTT6106
8 mm	Bio-SPTT6108
10 mm	Bio-SPTT6110
11.5 mm	Bio-SPTT6111
13 mm	Bio-SPTT6113

Soft Bone (D3, D4)

Diameter (mm)	**Ø 1.9**	**Ø 2.0**	**Ø 2.8**	**Ø 3.2**	**Ø 3.65**	**Ø 4.2**	**Ø 4.8**	**Ø 5.2**	**Ø 6.0**
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	500-700	500-700	500-700	500-700	

Hard Bone (D1, D2)



Diameter (mm)	**Ø 5.8**	**Ø 6.0**
Drill Speed (rpm)	500-700	

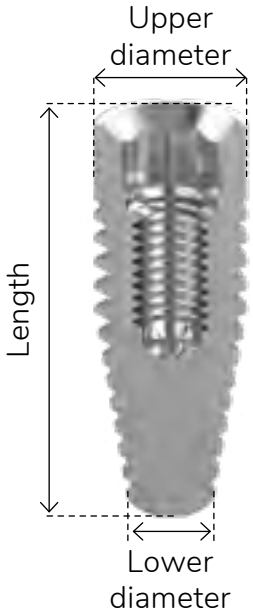
* Recommended insertion torque 35-60 Ncm

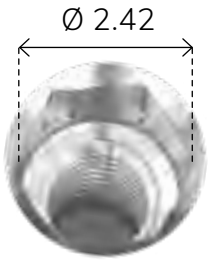
* Procedure recommended by Biotec Implant Systems GmbH. Dental professionals should exercise their own judgment in each case.

Internal Hex | CIM

BiotecCIM implants are tapered implants with an internal hex connection that mimic the shape of the natural tooth root and are designed for high initial stability. They perform well in a wide range of indications, including soft and hard bone, flapless and flapped procedures, single and double-stage surgical protocols and immediate and delayed procedures.

Material Titanium Alloy - Ti 6Al 4V ELI





Why choose BiotecCIM implants?

- Suit a wide range of bone types and bone augmentation procedures
- Micro rings on the implant's neck improve the shear strength in the crest zone
- Designed for mild-bone compression
- Facilitate the insertion of an undersized socket
- Achieve maximum initial and long-term stability in compromised cases
- Standardized, step-by-step tapered drilling protocol simplifies site preparation and ensures predictable outcomes in all situations
- RBM surface treatment enhances soft tissue integration and stabilizes crestal bone

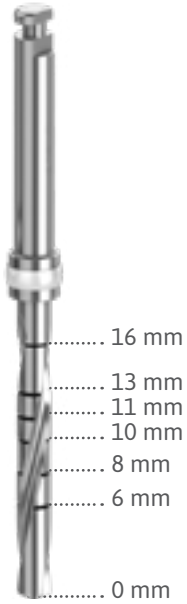
Internal Hex | CIM

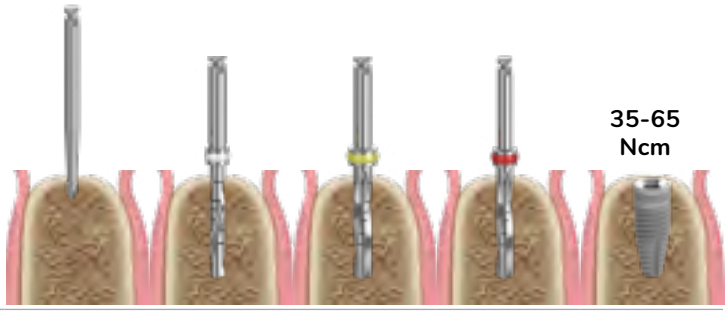
CIM Ø 3.3 mm

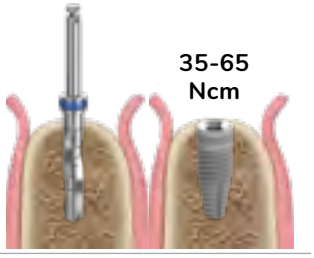
Upper Diameter
Ø 3.3 mm

Lower Diameter
Ø 1.8 mm

Length	Catalog Number
8 mm	Bio-CIM3308
10 mm	Bio-CIM3310
11.5 mm	Bio-CIM3311
13 mm	Bio-CIM3313
16 mm	Bio-CIM3316







	Soft Bone (D3, D4)					Hard Bone (D1, D2)	
Diameter (mm)	**Ø 1.9**	**Ø 2.0**	**Ø 2.5**	**Ø 2.8**	**Ø 3.3**	**Ø 3.2**	**Ø 3.3**
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700		500-700	

* Recommended insertion torque 35-60 Ncm

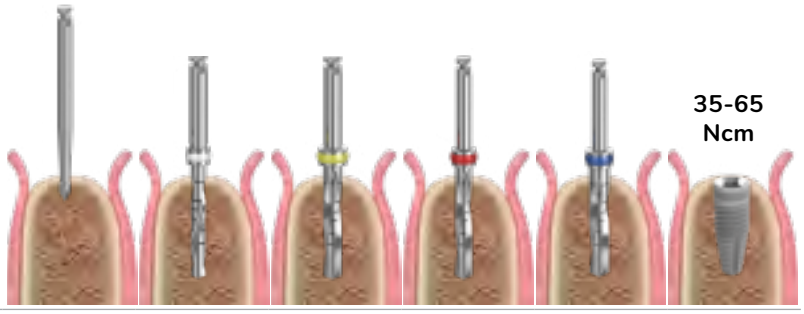
* Procedure recommended by Biotec Implant Systems GmbH.
Dental professionals should exercise their own judgment in each case.

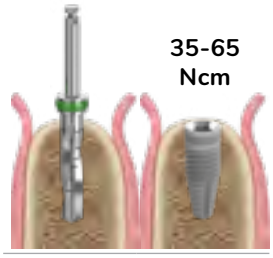
CIM Ø 3.75 mm

Upper Diameter
Ø 3.75 mm

Lower Diameter
Ø 1.8 mm

Length	Catalog Number
8 mm	Bio-CIM3708
10 mm	Bio-CIM3710
11.5 mm	Bio-CIM3711
13 mm	Bio-CIM3713
16 mm	Bio-CIM3716





	Soft Bone (D3,D4)						Hard Bone (D1,D2)	
Diameter (mm)	Ø 1.9	Ø 2.0	Ø 2.5	Ø 2.8	Ø 3.2	Ø 3.75	Ø 3.65	Ø 3.75
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	500-700		500-700	

* Recommended insertion torque 35-60 Ncm

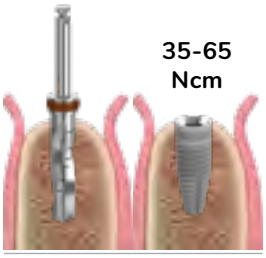
* Procedure recommended by Biotec Implant Systems GmbH.
Dental professionals should exercise their own judgment in each case.

CIM Ø 4.2 mm

Upper Diameter
Ø 4.2 mm

Lower Diameter
Ø 2.35 mm

Length	Catalog Number
6 mm	Bio-CIM4206
8 mm	Bio-CIM4208
10 mm	Bio-CIM4210
11.5 mm	Bio-CIM4211
13 mm	Bio-CIM4213
16 mm	Bio-CIM4216



	Soft Bone (D3, D4)							Hard Bone (D1, D2)	
Diameter (mm)	Ø 1.9	Ø 2.0	Ø 2.5	Ø 2.8	Ø 3.2	Ø 3.65	Ø 4.2	Ø 4.0	Ø 4.2
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	500-700	500-700		500-700	

* Recommended insertion torque 35-60 Ncm

* Procedure recommended by Biotec Implant Systems GmbH.
Dental professionals should exercise their own judgment in each case.

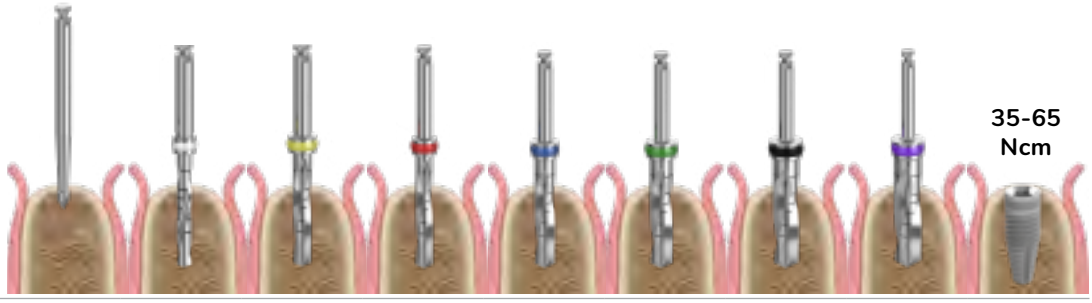
CIM Ø 5.0 mm

Upper Diameter
Ø 5.0 mm

Lower Diameter
Ø 2.8 mm

Length	Catalog Number
6 mm	Bio-CIM5006
8 mm	Bio-CIM5008
10 mm	Bio-CIM5010
11.5 mm	Bio-CIM5011
13 mm	Bio-CIM5013
16 mm	Bio-CIM5016

Soft Bone (D3, D4)



Diameter (mm)	**Ø 1.9**	**Ø 2.0**	**Ø 2.5**	**Ø 2.8**	**Ø 3.2**	**Ø 3.65**	**Ø 4.2**	**Ø 4.5**	**Ø 5.0**
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	500-700	500-700	500-700	500-700	

Hard Bone (D1, D2)

Diameter (mm)	**Ø 4.8**	**Ø 5.0**
Drill Speed (rpm)	500-700	

* Recommended insertion torque 35-60 Ncm

* Procedure recommended by Biotec Implant Systems GmbH. Dental professionals should exercise their own judgment in each case.

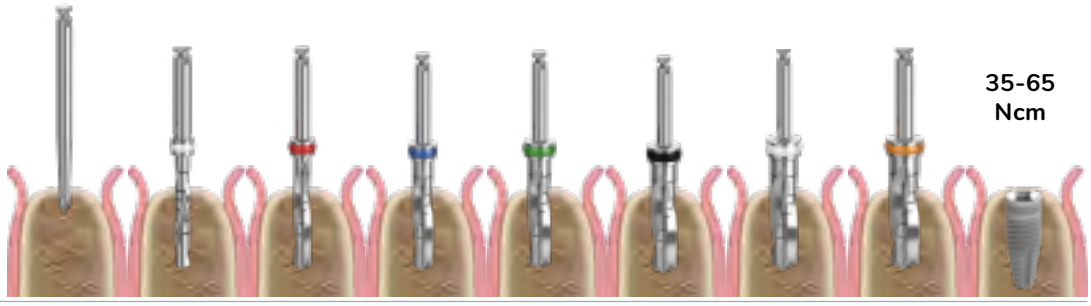
CIM Ø 6.0 mm

Upper Diameter
Ø 6.0 mm

Lower Diameter
Ø 3.5 mm

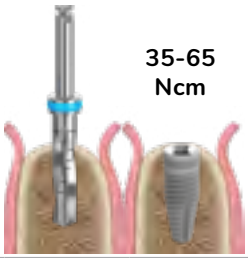
Length	Catalog Number
6 mm	Bio-CIM6006
8 mm	Bio-CIM6008
10 mm	Bio-CIM6010
11.5 mm	Bio-CIM6011
13 mm	Bio-CIM6013

Soft Bone (D3, D4)



Diameter (mm)	Ø 1.9	Ø 2.0	Ø 2.8	Ø 3.2	Ø 3.65	Ø 4.2	Ø 4.8	Ø 5.2	Ø 6.0
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	500-700	500-700	500-700	500-700	

Hard Bone (D1, D2)



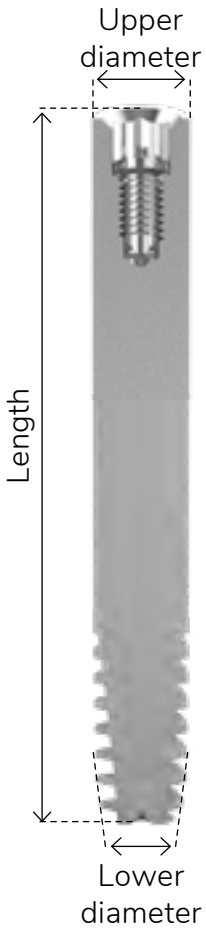
Diameter (mm)	Ø 5.8	Ø 6.0
Drill Speed (rpm)	500-700	

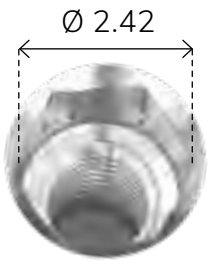
* Recommended insertion torque 35-60 Ncm
* Procedure recommended by Biotec Implant Systems GmbH. Dental professionals should exercise their own judgment in each case.

Internal Hex | Zygomatic

Biotec Zigomatic implants are designed to provide a solution for cases of atrophic maxilla and are ideal for immediate loading protocol with graftless treatment. They have an internal hex connection for simple and easy restoration, and consist of sharp threads at the apical part for maximum retention to the Zygomatic bone.

Material Titanium Alloy - Ti 6Al 4V ELI





Why choose Biotec Zygomatic implants?

- Dramatically shorten time-to-teeth for increased patient satisfaction
- Graftless treatment solution – avoid bone-grafting procedures as they anchor in the zygomatic bone
- High primary stability for immediate function
- RBM surface treatment enhances soft tissue integration and stabilizes crestal bone

Zygomatic Ø 4.2 mm

Upper Diameter
Ø 4.2 mm

Lower Diameter
Ø 3.3 mm

Length	Catalog Number
35 mm	Bio-ZYG4235
37.5 mm	Bio-ZYG4237
40 mm	Bio-ZYG4240
42.5 mm	Bio-ZYG4242
45 mm	Bio-ZYG4245
47.5 mm	Bio-ZYG4247
50 mm	Bio-ZYG4250
52.5 mm	Bio-ZYG4252
55 mm	Bio-ZYG4255
57.5 mm	Bio-ZYG4257
60 mm	Bio-ZYG4260

* Recommended insertion torque 35-60 Ncm

* Procedure recommended by Biotec Implant Systems GmbH.
Dental professionals should exercise their own judgment in each case.

- Zygomatic implants are an evidence-based surgical and prosthetic solution for both two-stage and immediate loading protocols.

  Today, zygomatic implants are usually placed using an immediate loading protocol.

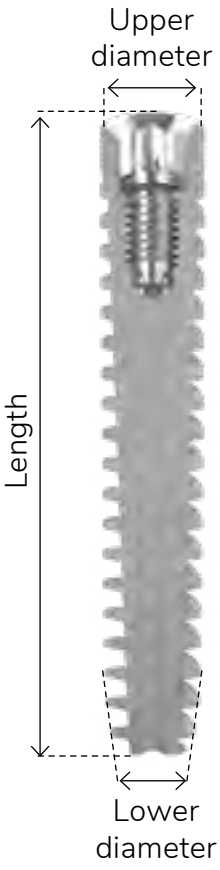
- Indications for zygomatic implant insertion include: alternative for sinus augmentation, failed sinus augmentation, rehabilitation after tumor resection or trauma, failure of conventional implants, and failure of previous bone grafts.

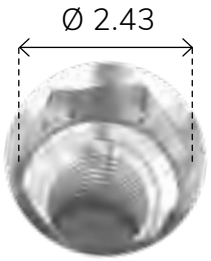
- The placement of zygomatic implants requires adequate training and surgical experience.

Internal Hex | Pterygoid

Biotec Pterygoid implants are designed for application in the posterior maxilla and pterygomaxillary region. They have deep and sharp deep threads that ensure strong retention and primary implant stability, and they also offer stability for immediate loading procedures.
In addition, the neck of the implant has a smooth surface to help eliminate perio-pathogens and reduce the chances of inflammation around the neck area.

Material Titanium Alloy - Ti 6Al 4V ELI





Why choose Biotec Pterygoid implants?

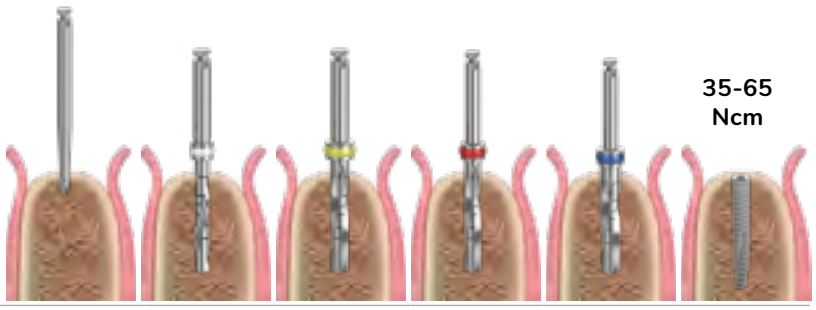
- Smooth neck surface helps eliminate perio-pathogens
- Deep and sharp threads ensure strong retention and primary implant stability
- Stability for immediate loading procedures
- RBM-treated surface increases the BIC

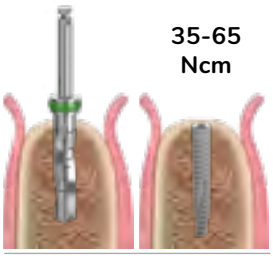
Pterygoid Ø 3.75 mm

Upper Diameter
Ø 3.75 mm

Lower Diameter
Ø 2.9 mm

Length	Catalog Number
18 mm	Bio-PTG3718
20 mm	Bio-PTG3720
22 mm	Bio-PTG3722
25 mm	Bio-PTG3725





	Soft Bone (D3, D4)						Hard Bone (D1, D2)	
Diameter (mm)	Ø 1.9	Ø 2.0	Ø 2.5	Ø 2.8	Ø 3.2	Ø 3.75	Ø 3.65	Ø 3.75
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	500-700		500-700	

* Recommended insertion torque 35-60 Ncm

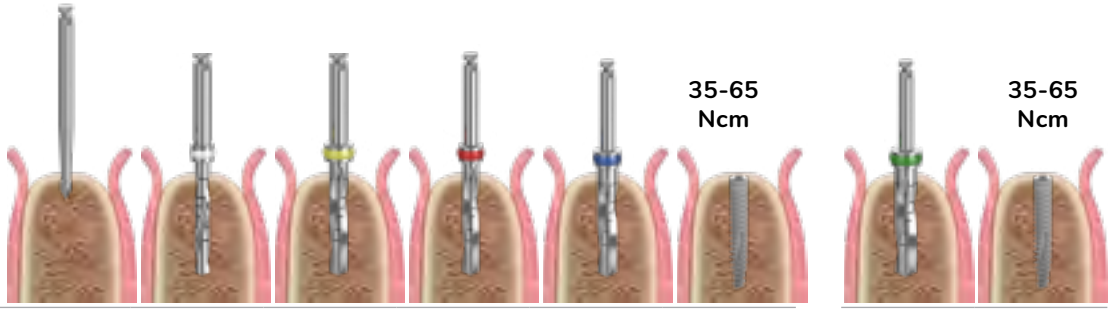
* Procedure recommended by Biotec Implant Systems GmbH.
Dental professionals should exercise their own judgment in each case.

Pterygoid Ø 4.2 mm

Upper Diameter **Ø 4.2** mm

Lower Diameter **Ø 3.3** mm

Length	Catalog Number
18 mm	Bio-PTG4218
20 mm	Bio-PTG4220
22 mm	Bio-PTG4222
25 mm	Bio-PTG4225



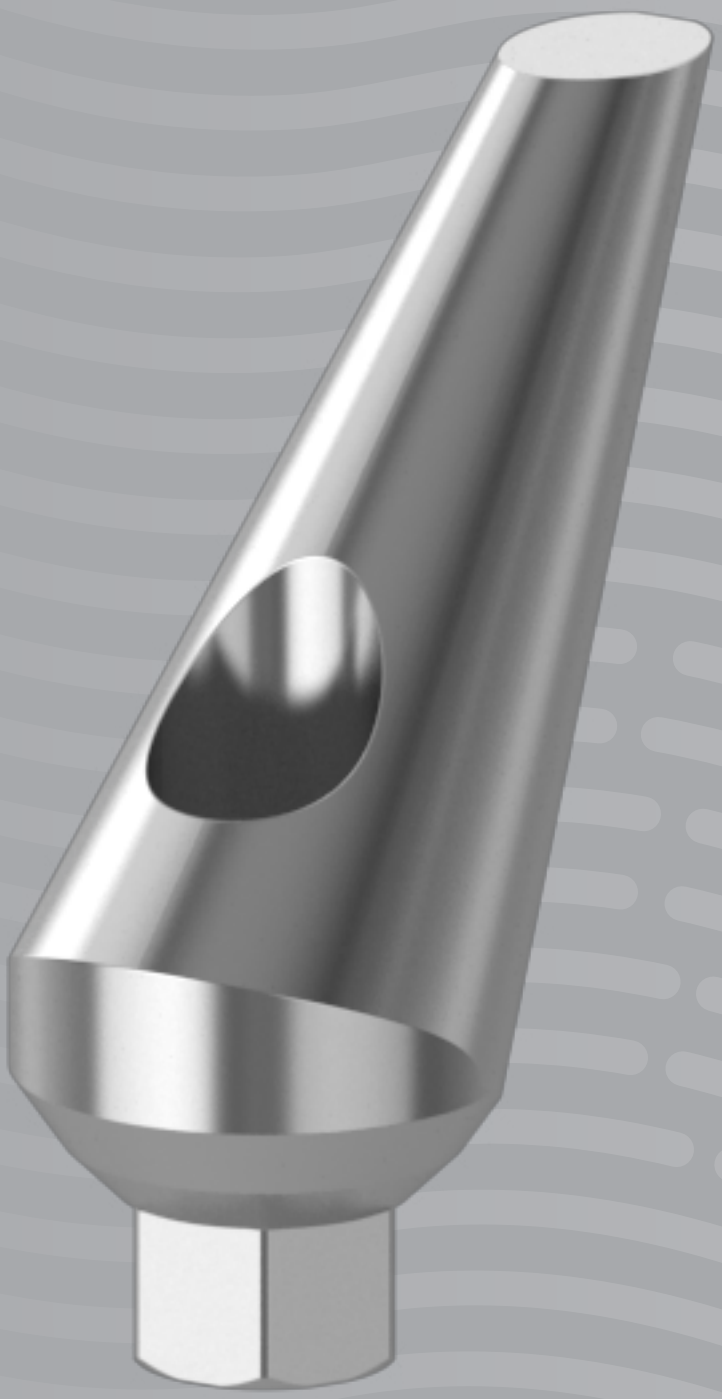
	Soft Bone (D3, D4)						Hard Bone (D1, D2)	
Diameter (mm)	Ø 1.9	Ø 2.0	Ø 2.5	Ø 2.8	Ø 3.2	Ø 4.2	Ø 3.65	Ø 4.2
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	500-700		500-700	

* Recommended insertion torque 35-60 Ncm

* Procedure recommended by Biotec Implant Systems GmbH.
Dental professionals should exercise their own judgment in each case.

Internal Hex | **Prosthetics**

Biotec offers a wide range of easy-to-use and esthetic restorations and prosthetics for almost any clinical need. The diameters of these prosthetics are interchangeable based on preference and need.

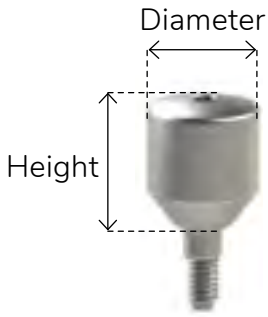


Healing Caps

Used for internal Hex 2.42mm implants.

Healing caps shape the soft tissue around the implant and prepare the site for the superstructure insertion. The healing cap is selected based on the thickness of the mucosa. In addition, wide healing caps are used for soft-tissue contouring of molars and premolars.

We recommend hand-tightening using a 1,25mm hex. driver or a motor unit with a force of 10 Ncm.



Material Titanium Alloy - Ti 6Al 4V ELI

Diameter Ø 3.8 mm Narrow

	Height	Catalog Number
	2 mm	Bio-HC3802
	3 mm	Bio-HC3803
	4 mm	Bio-HC3804
	5 mm	Bio-HC3805
	6 mm	Bio-HC3806
	7 mm	Bio-HC3807

Material Titanium Alloy - Ti 6Al 4V ELI

Diameter Ø 4.6 mm

	Height	Catalog Number
	2 mm	Bio-HC4602
	3 mm	Bio-HC4603
	4 mm	Bio-HC4604
	5 mm	Bio-HC4605
	6 mm	Bio-HC4606
	7 mm	Bio-HC4607

Internal Hex | **Prosthetics**

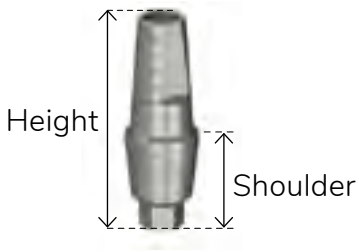
Diameter **Ø 5.5** mm		
	Height	**Catalog Number**
	**2** mm	Bio-HC5502
	**3** mm	Bio-HC5503
	**4** mm	Bio-HC5504
	**5** mm	Bio-HC5505
	**6** mm	Bio-HC5506
	**7** mm	Bio-HC5507

Diameter **Ø 6.3** mm		
	Height	**Catalog Number**
	**2** mm	Bio-HC6302
	**3** mm	Bio-HC6303
	**4** mm	Bio-HC6304
	**5** mm	Bio-HC6305
	**6** mm	Bio-HC6306
	**7** mm	Bio-HC6307

Straight Abutments

Our wide variety of straight abutments remain stable even when their wall thickness is reduced to 0.1 mm. They are suitable for use in multiple scenarios, for example, single crowns, bridges and the fabrication of cement-retained restorations, single crowns and bridges.

We recommend tightening the screw at a torque between 25 and 30 Ncm



Material Titanium Alloy - Ti 6Al 4V ELI

Straight

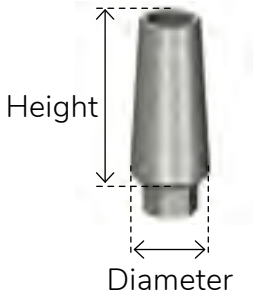
	Height	Catalog Number
	9 mm	Bio-SA5909
	11 mm	Bio-SA5911

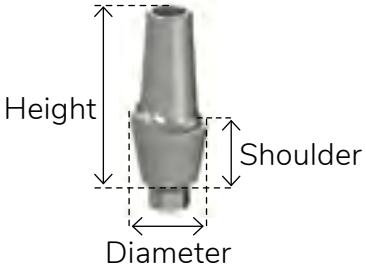
Material Titanium Alloy - Ti 6Al 4V ELI

Straight Shoulder

	Height	Shoulder	Catalog Number
	8.5 mm	1 mm	Bio-SH4801
	9.5 mm	2 mm	Bio-SH4802
	10.5 mm	3 mm	Bio-SH4803
	11.5 mm	4 mm	Bio-SH4804

		Shoulder	Catalog Number
	Hex	1.7 mm	Bio-SHt5001
	Non-Hex	1.7 mm	Bio-SHt5002





Straight Narrow

Diameter Ø 3.8 mm		
	Height	**Catalog Number**
	6 mm	Bio-SN6006
	8 mm	Bio-SN6008
	10 mm	Bio-SN6010

Straight Shoulder

Diameter Ø 5.2 mm			
	Height	**Shoulder**	**Catalog Number**
	9 mm	1 mm	Bio-SA4601
	10 mm	2 mm	Bio-SA4602
	11 mm	3 mm	Bio-SA4603
	12 mm	4 mm	Bio-SA4604

Included with all abutments or available separately

Catalog Number Bio-8324

Angulated Abutments

Angulated abutments are used when a change to the axis of the implant is required, and normally for constructing cement-retained single crows or bridges.
They are available with 15°, 25°, 35° and 45° angles.

We recommend tightening the screw at a torque between 25 and 30 Ncm.

Material Titanium Alloy - Ti 6Al 4V ELI

Angular Standard

Angulated 15° Ø 4.5 mm		
	Height	**Catalog Number**
	7 mm	Bio-ASA3207
	9 mm	Bio-ASA3209
	11 mm	Bio-ASA3211

Angular Standard Narrow

Angulated 15° Ø 3.9 mm		
	Height	**Catalog Number**
	9 mm	Bio-ASN3609

Material Titanium Alloy - Ti 6Al 4V ELI

Angular Anatomic

Angulated 15° Ø 5.4 mm			
	Height	**Shoulder**	**Catalog Number**
	9.5 mm	1 mm	Bio-AA2401
	10.5 mm	2 mm	Bio-AA2402
	11.5 mm	3 mm	Bio-AA2403
	12.5 mm	4 mm	Bio-AA2404

Included with all abutments or available separately

Catalog Number Bio-8324

Angular Standard

Angulated **25° Ø 4.5 mm**		
	Height	**Catalog Number**
	**7** mm	Bio-AS3407
	**9** mm	Bio-AS3409
	**11** mm	Bio-AS3411

Angular Anatomic

Angulated **25° Ø 5.4 mm**			
	Height	**Shoulder**	**Catalog Number**
	**9.5** mm	**1** mm	Bio-AA2601
	**10.5** mm	**2** mm	Bio-AA2602
	**11.5** mm	**3** mm	Bio-AA2603
	**12.5** mm	**4** mm	Bio-AA2604

Angular Standard Narrow

Angulated **25° Ø 4.0** mm		
	Height	**Catalog Number**
	**9** mm	Bio-ASN3609

Angulated **35°**		
	Height	**Catalog Number**
	**9** mm	Bio-AS3509

Angulated **45°**		
	Height	**Catalog Number**
	**9** mm	Bio-AS4509

Temporary PEEK Abutments

Temporary abutments are made from Polyetheretherketone (PEEK), which is a high-grade thermoplastic polymer certified for medical use and is well suited for use in the oral cavity.

PEEK offers a superior combination mechanical properties such as stiffness and strength, elasticity and resilience; is one of the most chemically-resistant materials; is proven to be biocompatible for both hard and soft tissue; has low electrical conductivity; and has a natural color which is a major aesthetic advantage.

Material PEEK

Technical Data:

- Does not create artifacts in X-Ray irradiation procedures, magnetic resonance imaging (MRI) and computed tomography (CT)
- Can be sterilized without changing its mechanical properties or its biocompatibility
- Has high compressive strength
- Does not contain metal additives to prevent ion exchange in the mouth
- The abutment closing torque is 15 Ncm

Straight Anatomic Peek

	Height	Shoulder	Catalog Number
	9 mm	1 mm	Bio-SAP6001
	10 mm	2 mm	Bio-SAP6002
	11 mm	3 mm	Bio-SAP6003

Angular Anatomic PEEK

Angulated 15°	Height	Shoulder	Catalog Number
	9.5 mm	1 mm	Bio-AAP5001
	10.5 mm	2 mm	Bio-AAP5002
	11.5 mm	3 mm	Bio-AAP5003

Angulated 25°	Height	Shoulder	Catalog Number
	9.5 mm	1 mm	Bio-AAP5201
	10.5 mm	2 mm	Bio-AAP5202
	11.5 mm	3 mm	Bio-AAP52031

	**Included with all abutments or available separately**	**Catalog Number** Bio-8324

Full Zirconia Abutments

The zirconia abutment is an alternative esthetic. They are available as fully-cast zirconia material to traditional titanium with a range of shapes and sizes.

***anatomical design minimizes the need for abutment customization.**

Straight Anatomic Zirconia

Ø 3.75 mm			
	Height	**Shoulder**	**Catalog Number**
	8.5 mm	0.5 mm	Bio-ZSA4500
	9 mm	1 mm	Bio-ZSA4501
	10 mm	2 mm	Bio-ZSA4502
	11 mm	3 mm	Bio-ZSA4503

Standard Narrow, Straigh Zirconia

Ø 3.75 mm			
	Height	**Shoulder**	**Catalog Number**
	8.5 mm	0.5 mm	Bio-ZSA4500

Angular Standard Narrow, Angle 15˚ Zirconia

Diameter Ø 3.75 mm		
	Height	**Catalog Number**
	9 mm	Bio-ZSN3609

Angular Anatomic, Angle 15˚ Zirconia

Diameter Ø 3.75 mm			
	Height	**Shoulder**	**Catalog Number**
	9.5 mm	0.5 mm	Bio-ZAA2300
	9.5 mm	1 mm	Bio-ZAA2401
	10.5 mm	2 mm	Bio-ZAA2402
	11.5 mm	3 mm	Bio-ZAA2403

Angular Anatomic, Angle 25˚ Zirconia

Diameter Ø 3.75 mm			
	Height	**Shoulder**	**Catalog Number**
	9.5 mm	0.5 mm	Bio-ZAA2500
	9.5 mm	1 mm	Bio-ZAA2601
	10.5 mm	2 mm	Bio-ZAA2602
	11.5 mm	3 mm	Bio-ZAA2603

Titanium-base Zirconia Abutments

The zirconia abutment is an alternative esthetic abutment. They are available as fully-cast zirconia material with a range of shapes and sizes.

Material Zirconium

Straight, Titanium Base

Diameter Ø 3.75 mm

Height	Shoulder	Catalog Number
9 mm	1 mm	Bio-ZT1101
10 mm	2 mm	Bio-ZT1102
11 mm	3 mm	Bio-ZT1103

Angular, Angle 15˚, Titanium Base

Diameter Ø 3.8 mm

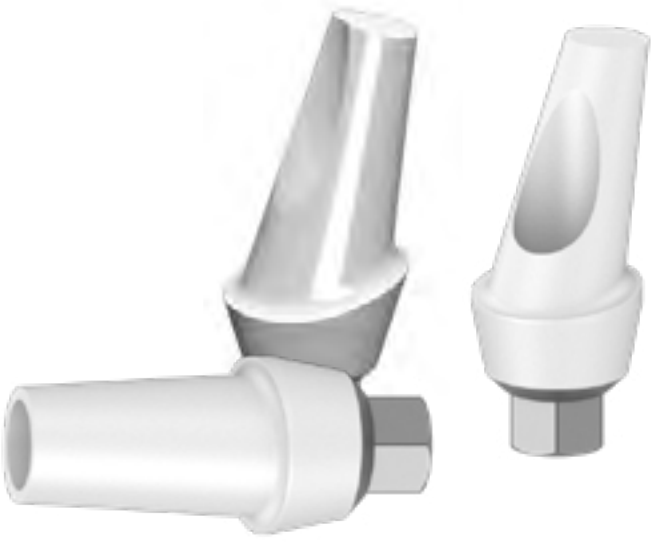
Height	Shoulder	Catalog Number
9.5 mm	1 mm	Bio-ZT1501
10.5 mm	2 mm	Bio-ZT1502
11.5 mm	3 mm	Bio-ZT1503

Angular, Angle 25˚, Titanium Base

Diameter Ø 3.8 mm			
	Height	**Shoulder**	**Catalog Number**
	9.5 mm	1 mm	Bio-ZT2501
	10.5 mm	2 mm	Bio-ZT2502
	11.5 mm	3 mm	Bio-ZT2503

Included with all abutments or available separately

Catalog Number
Bio-8324



Plastic Abutments

Plastic castable abutments on titanium bases are suitable for use by technicians for simple casting of custom-made abutments for constructing the prosthetic restoration.

These abutments enable the dental lab to cast on an accurate titanium base.
The machined titanium base offers an accurate fit for the implant.

Material Delrin

Straight Anatomic Plasic

	Height	Shoulder	Catalog Number
	9 mm	1 mm	Bio-PSA4001
	10 mm	2 mm	Bio-PSA4002
	11 mm	3 mm	Bio-PSA4003

Plastic for Casting

		Catalog Number
	Hex	Bio-PL1002
	Non-Hex	Bio-PL1001

Internal Hex | **Prosthetics**

Anatomic

Angulated **15°**			
	Height	**Shoulder**	**Catalog Number**
	**9** mm	**1** mm	Bio-AAP3001
	**10** mm	**2** mm	Bio-AAP3002
	**11** mm	**3** mm	Bio-AAP3003

Anatomic

Angulated **25°**			
	Height	**Shoulder**	**Catalog Number**
	**9** mm	**1** mm	Bio-AAP3201
	**10** mm	**2** mm	Bio-AAP3202
	**11** mm	**3** mm	Bio-AAP3203

Plastic

Abutment Lock		
		Catalog Number
	**Hex**	Bio-PS2001
	**Straight Round**	Bio-PS20031
	**Straight**	Bio-PS2004

Included with all abutments or available separately

Catalog Number
Bio-8324

Multi-Unit System

The multi-unit system is a solution for screw-retained prostheses, also on complicated-to-restore implants such as multiple-tilted implants. It comprises a full range of sizes for both the upper and lower jaws: straight, 17°, 30°, 45°, 52°, and 60° adaptors. It also includes a variety of heights and connects to a wide range of complementary products.

Material Titanium Alloy (Ti6Al4V ELI)

Straight Multi Unit

	Height	Catalog Number
	1 mm	Bio-M0101
	2 mm	Bio-M0102
	3 mm	Bio-M0103

Angulated Multi Unit 30 mm

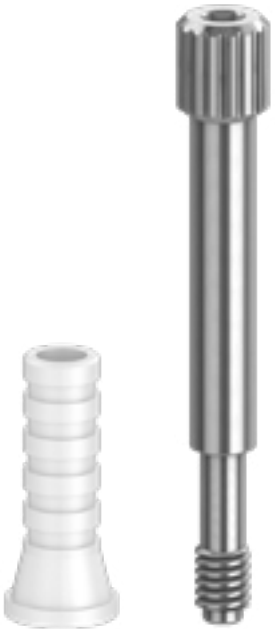
	Height	Catalog Number
	1 mm	Bio-MU1801
	2 mm	Bio-MU1802
	3 mm	Bio-MU1803

Angulated Multi Unit 18 mm

	Height	Catalog Number
	1 mm	Bio-AMU3001
	2 mm	Bio-AMU3002
	3 mm	Bio-AMU3003

Multi-Unit Components

	Product Description	Catalog Number
	Healing Cap	Bio-MOHC1
	Short titanium sleeve	Bio-MTIOS
	Screw for open transfer	Bio-OC2418
	Analog	Bio-M0AN1
	Screw Abutment	Bio-MOSC1
	Plastic Sleeve	Bio-MPLO1
	Titaniuem Sleeve	Bio-MTIO1
	Open Transfer	Bio-MOTR2

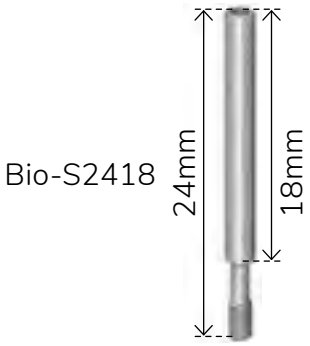


Open & Closed Tray Transfers

For all implant type diameters (Ø3.3, Ø3.75, Ø4.2, Ø5.0, Ø6.0 mm)

Tray transfers are designed for impressions using the open-tray technique when the retentions are sharp, and for the closed-tray technique when they are round.

Material Body - Stainless Steel; Screws - Titanium

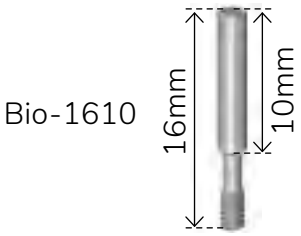


Stainless Steel - Open Tray

Diameter Ø 4.75 mm		
	Height	**Catalog Number**
	8 mm	Bio-SSO4008
	12 mm	Bio-SSO4012

Diameter Ø 4.5 mm		
	Height	**Catalog Number**
	8 mm	Bio-SSO4202

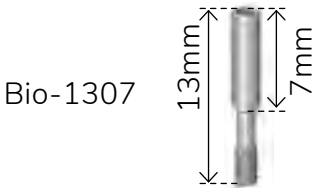
Diameter Ø 4.3 mm		
	Height	**Catalog Number**
	12 mm	Bio-SSO4201



Stainless Steel - Closed Tray

Diameter Ø 3.85 mm		
	Height	**Catalog Number**
	12 mm	Bio-SSC3507

Diameter Ø 4.5 mm		
	Height	**Catalog Number**
	12 mm	Bio-SSC3511



Diameter Ø 4.75 mm		
	Height	**Catalog Number**
	8 mm	Bio-SSC3601

Transfers with Plastic

The transfer with plastic is designed for impressions using the closed-tray technique with the plastic cap. The cap remains in the impression tray after it is removed from the mouth. This type of transfer can also be used as an esthetic abutment.

Material Titanium Alloy (Ti6Al4V ELI)

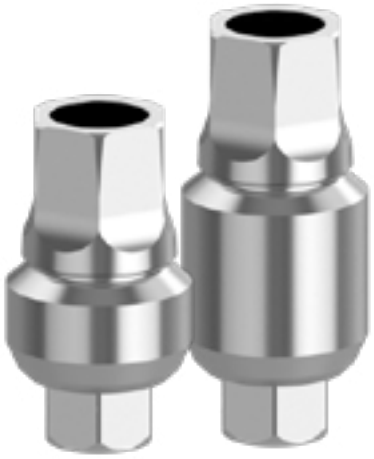
Transfer Abutment

	Height	Catalog Number
	2 mm	Bio-TA3802
	3 mm	Bio-TA3803
	4 mm	Bio-TA3804

Plastic for Closed Tray

Diameter Ø 4.75 mm

	Height	Catalog Number
	7 mm	Bio-PT4401
	10 mm	Bio-PT4402



Open & Closed Tray Transfers

The click-on connection transfer for impressions without a screw is especially effective with molars and premolars where there is a limited space and where it is challenging to work with a driver. It has a hexagonal lock to ensure a tight fit and can be used for all types of impressions as its lack of screws helps save time.

Material Stainless Steel

Stainless Steel - Closed Tray

Diameter Ø 4.7 mm		
	Height	**Catalog Number**
	9 mm	Bio-CT3409
	13 mm	Bio-CT3413

Implant Analog

Implant Analogs (IAs) can be used for all implant diameters (Ø3.3, Ø3.75, Ø4.2, Ø5.0, Ø6.0 mm).

We recommend using lab analogs with identical dimensions (for example IA5 and IA6) for Ø5.0 mm or Ø6.0 mm implants to ensure the best rendering of the clinical situation.

Analog, Stainless Steel

Diameter Ø 4.0 mm		
	Height	**Catalog Number**
	12.7 mm	Bio-AN6004

Analog, Stainless Steel

Diameter Ø 5.0 mm		
	Height	**Catalog Number**
	12.7 mm	Bio-AN6005

Locators

The locator attachment system is designed for use with full or partial dentures in mandible or maxilla.

The locator superstructure is used to secure a removal prosthesis. The attachment is used with a stainless steel cap and an intermediate Nylon insert.

Material Titanium Alloy (Ti6Al4V ELI)

Locators

	Height	Catalog Number
	1 mm	Bio-PCA01
	2 mm	Bio-PCA02
	3 mm	Bio-PCA03
	4 mm	Bio-PCA04
	5 mm	Bio-PCA05

Components

	Material	Catalog Number
	Metal	Bio-MT0004
	Silicon - Extra Soft	Bio-ES0005
	Silicon - Soft	Bio-SS0006
	Silicon - Standard	Bio-ST0007
	Laboratory	Bio-LA0008

Ball Attachment

The ball attachment superstructure is used to secure a removal prosthesis.
This attachment is used together with a stainless steel cap and an intermediate Nylon insert.

Material Titanium Alloy (Ti6Al4V ELI)

Straight

	Height	Catalog Number
	0.5 mm	Bio-BA12005
	1 mm	Bio-BA1201
	2 mm	Bio-BA1202
	3 mm	Bio-BA1203
	4 mm	Bio-BA1204
	5 mm	Bio-BA1205
	6 mm	Bio-BA1206

Angulated 15°

	Height	Catalog Number
	1 mm	Bio-BA1501
	2 mm	Bio-BA1502
	3 mm	Bio-BA1503

Angulated 25°

	Height	Catalog Number
	1 mm	Bio-BA2501
	2 mm	Bio-BA2502

Internal Cap

for **2.5** mm Ball Attachment

	Material	Catalog Number
	**Silicon** Extra Soft	Bio-S3002
	**Silicon** Soft	Bio-S3003
	**Silicon** Standard	Bio-S3004
	**Peek**	Bio-S3005

Housing for Internal Cap

	Material	Catalog Number
	**Metal**	Bio-MC3001

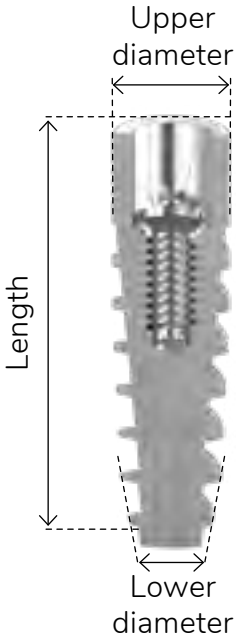
Order with Silicon Cap 

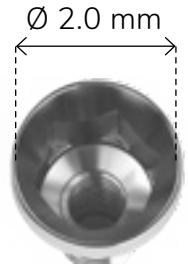
INTERNAL HEX 2.0 | **N1**

Internal Hex 2.0 | **N1**

Biotec narrow implants systems are designed for narrow alveolar ridges in cases where the bone space is too limited to use internal hex implants, or the space between two adjacent teeth is too narrow for a standard abutment restoration.

Material Titanium Alloy - Ti 6Al 4V ELI





These implants are unique as they are transgingival implants, that is, they can be placed at bone level or below.

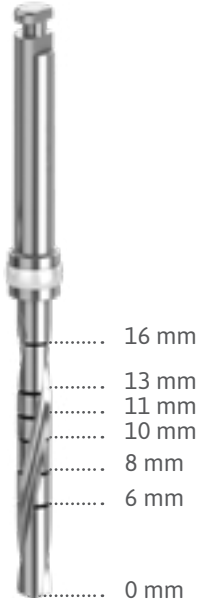
Internal Hex 2.0 | **N1**

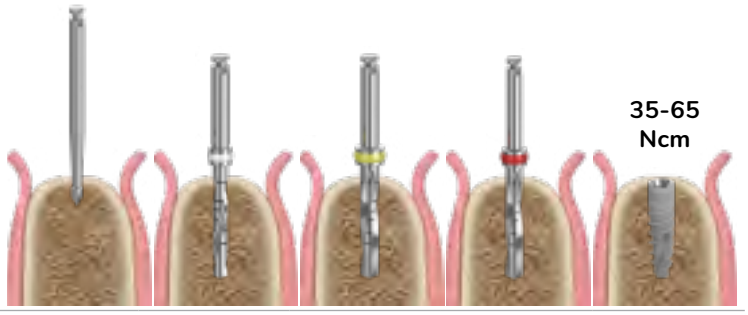
N1 Ø 3.0 mm

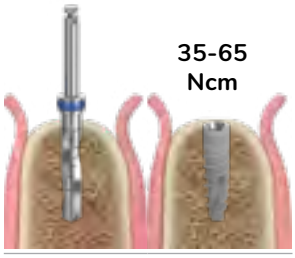
Upper Diameter
Ø 3.0 mm

Lower Diameter
Ø 1.94 mm

Length	Catalog Number
10 mm	Bio-N3010
11.5 mm	Bio-N3011
13 mm	Bio-N3013
16 mm	Bio-N3016







	Soft Bone (D3, D4)					**Hard Bone** (D1, D2)	
Diameter (mm)	**Ø 1.9**	**Ø 2.0**	**Ø 2.5**	**Ø 2.8**	**Ø 3.3**	**Ø 3.2**	**Ø 3.3**
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700		500-700	

* Recommended insertion torque 35-60 Ncm

* Procedure recommended by Biotec Implant Systems GmbH.
Dental professionals should exercise their own judgment in each case.

Internal Hex 2.0 | **Prosthetics**

Biotec offers a wide range of easy-to-use and esthetic restorations and prosthetics for almost any clinical need. The diameters of these prosthetics are interchangeable based on preference and need.

Healing Caps

Used for internal Hex 2.0mm implants.

Healing caps shape the soft tissue around the implant and prepare the site for the superstructure insertion. The healing cap is selected based on the thickness of the mucosa. In addition, wide healing caps are used for soft-tissue contouring of molars and premolars.

We recommend hand-tightening using a 1,25 mm hex. driver or a motor unit with a force of 10 Ncm.

Material Titanium Alloy - Ti 6Al 4V ELI

Diameter Ø 3.8 mm		
	Height	**Catalog Number**
	2 mm	Bio-HC1302N
	3 mm	Bio-HC1303N
	4 mm	Bio-HC1304N
	5 mm	Bio-HC1305N
	6 mm	Bio-HC1306N

Straight Abutments

Our wide variety of straight abutments remain stable even when their wall thickness is reduced to 0.1 mm. They are suitable for use in multiple scenarios, for example, single crowns, bridges and the fabrication of cement-retained restorations, single crowns and bridges.

We recommend tightening the screw at a torque between 25 and 30 Ncm.

Material Titanium Alloy - Ti 6Al 4V ELI

Straight

	Height	**Catalog Number**
	9 mm	Bio-SA5809N
	11 mm	Bio-SA5811N

Abutments Loc CR/CU Implants N1		
	Height	**Catalog Number**
	10 mm	Bio-PLN201

Plastic for casting N1			
		Height	**Catalog Number**
Hex		10 mm	Bio-PLNH101
Non-Hex		10 mm	Bio-PLNH102

Angulated Abutments

Angulated abutments are used when a change to the axis of the implant is required, and normally for constructing cement-retained single crows or bridges. They are available with 15" and 25" degree angles

We recommend tightening the screw at a torque between 25 and 30 Ncm.

Material Titanium Alloy - Ti 6Al 4V ELI

Anguled 15°

	Height	Catalog Number
	9 mm	Bio-C0915N
	11 mm	Bio-C1115N

Anguled 25°

	Height	Catalog Number
	9 mm	Bio-C0925N
	11 mm	Bio-C1125N

Open & Closed Tray Transfers

For all implant type diameters (Ø3.3, Ø3.75, Ø4.2, Ø5.0,Ø6.0 mm)

Tray transfers are designed for impressions using the open-tray technique when the retentions are sharp, and for the closed-tray technique when they are round.

Material Body - Stainless Steel
Screws - Titanium

Transfer

		Height	Catalog Number
open		12 mm	Bio-T3507N
open		18 mm	Bio-53015N
Closed		10 mm	Bio-T3508N
Closed		11 mm	Bio-S3010N

Included with all abutments or available separately

Catalog Number Bio-8324

Implant Analog

Implant Analogs (IAs) can be used only for the N1 implant.

We recommend using lab analogs with identical dimensions.

	Height	Catalog Number
	12 mm	Bio-ANN10

Ball Attachment

The ball attachment superstructure is used to secure a removal prosthesis. This attachment is used together with a stainless steel cap and an intermediate Nylon insert.

Material Titanium Alloy (Ti6Al4V ELI)

	Height	Catalog Number
	0.5 mm	Bio-BA13050N
	1 mm	Bio-BA1301N
	2 mm	Bio-BA1302N
	3 mm	Bio-BA1303N
	4 mm	Bio-BA1304N
	5 mm	Bio-BA1305N
	6 mm	Bio-BA1306N

Internal Cap

for **2.5** mm Ball Attachment

	Material	Catalog Number
	**Silicon** Extra Soft	Bio-S3002
	**Silicon** Soft	Bio-S3003
	**Silicon** Standard	Bio-S3004
	**Peek**	Bio-S3005

Housing for Internal Cap

	Material	Catalog Number
	**Metal**	Bio-MC3001

Order with Silicon Cap 

ONE PIECE | **ARP**

One Piece | **ARP**

Biotec ARP implants are one-piece implants with an integrated gold color abutment. They are designed for use in very narrow alveolar ridges (mainly in maxillary lateral incisors and mandibular incisors) and for single-stage surgical procedures and cement restorations.

Maximum bend: approx. 25°. Only one bending operation may be performed. In the maxilla, the motorised insertion tool should be used due to its better implant guidance during insertion.

Material Titanium Alloy - Ti 6Al 4V ELI

Why choose Biotec ARP implants?

- Excellent gingival tolerance
- Ideal for narrow ridges and tight spaces
- For placement with small bone width (narrow bone)
- For immediate loading
- Trans-gingival gold colored
- The trans-gingival neck can be placed at bone level or below
- Easy insertion
- Self-tapping


25°
25°

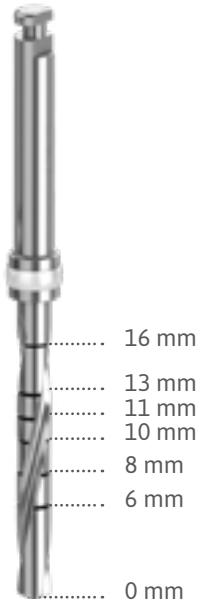
One Piece | ARP

SPTT Ø 3.2 mm

Upper Diameter
Ø 3.2 mm

Lower Diameter
Ø 2.15 mm

Length	Catalog Number
8 mm	Bio-ARP3208
10 mm	Bio-ARP3210
11.5 mm	Bio-ARP3211
13 mm	Bio-ARP3213
16 mm	Bio-ARP3216



	Soft Bone (D3, D4)					**Hard Bone** (D1, D2)	
					35-65 Ncm		35-65 Ncm
Diameter (mm)	**Ø 1.9**	**Ø 2.0**	**Ø 2.5**	**Ø 2.8**	**Ø 3.2**	**Ø 2.8**	**Ø 3.2**
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700		500-700	

* Recommended insertion torque 35-60 Ncm

* Procedure recommended by Biotec Implant Systems GmbH.
Dental professionals should exercise their own judgment in each case.

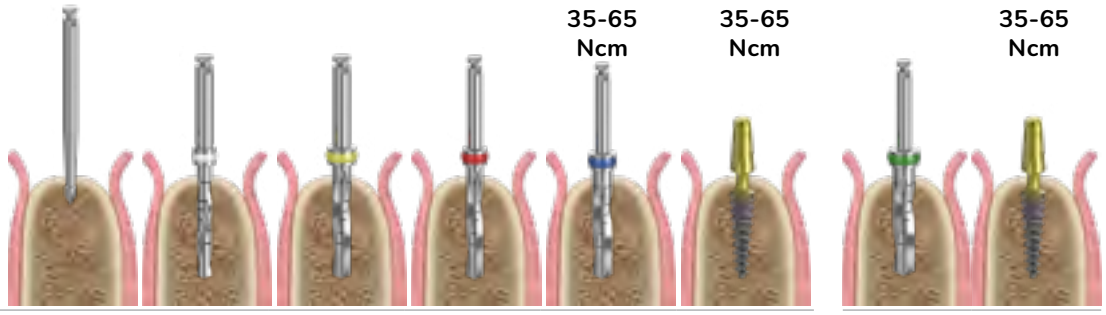
One Piece | ARP

SPTT Ø 3.7 mm

Upper Diameter
Ø 3.7 mm

Lower Diameter
Ø 2.72 mm

Length	Catalog Number
8 mm	Bio-ARP3708
10 mm	Bio-ARP3710
11.5 mm	Bio-ARP3711
13 mm	Bio-ARP3713
16 mm	Bio-ARP3716
18 mm	Bio-ARP3718



	Soft Bone (D3, D4)						Hard Bone (D1, D2)	
Diameter (mm)	**Ø 1.9**	**Ø 2.0**	**Ø 2.5**	**Ø 2.8**	**Ø 3.2**	**Ø 3.75**	**Ø 3.65**	**Ø 3.75**
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700			500-700	

* Recommended insertion torque 35-60 Ncm

* Procedure recommended by Biotec Implant Systems GmbH.
Dental professionals should exercise their own judgment in each case.

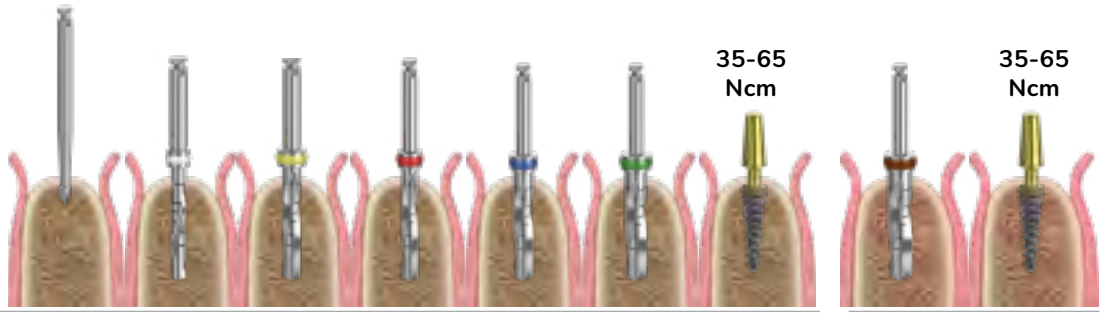
One Piece | ARP

SPTT Ø 4.2 mm

Upper Diameter
Ø 4.2 mm

Lower Diameter
Ø 2.6 mm

Length	Catalog Number
6 mm	Bio-ARP4206
8 mm	Bio-ARP4208
10 mm	Bio-ARP4210
11.5 mm	Bio-ARP4211
13 mm	Bio-ARP4213
16 mm	Bio-ARP4216
18 mm	Bio-ARP4218



	Soft Bone (D3, D4)							**Hard Bone** (D1, D2)	
Diameter (mm)	**Ø 1.9**	**Ø 2.0**	**Ø 2.5**	**Ø 2.8**	**Ø 3.2**	**Ø 3.65**	**Ø 4.2**	**Ø 4.0**	**Ø 4.2**
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	500-700	500-700		500-700	

* Recommended insertion torque 35-60 Ncm

* Procedure recommended by Biotec Implant Systems GmbH.
Dental professionals should exercise their own judgment in each case.

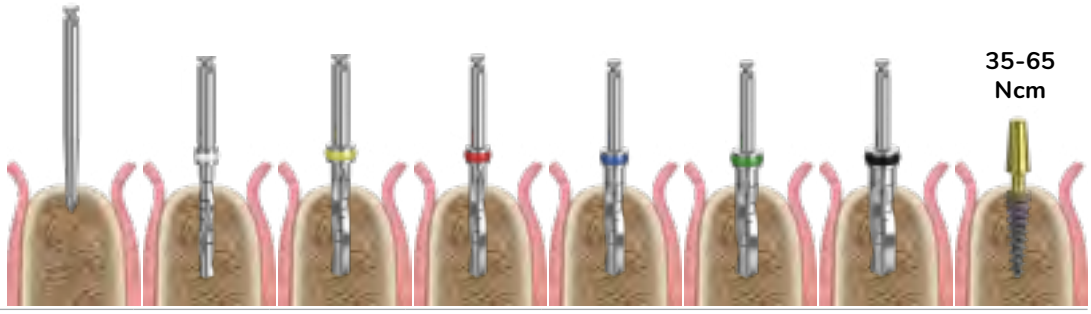
SPTT Ø 5.0 mm

Upper Diameter
Ø 5.0 mm

Lower Diameter
Ø 3.2 mm

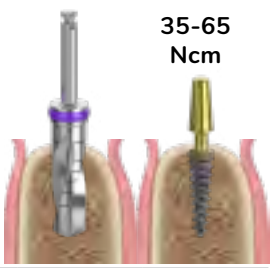
Length	Catalog Number
6 mm	Bio-ARP5006
8 mm	Bio-ARP5008
10 mm	Bio-ARP5010
11.5 mm	Bio-ARP5011
13 mm	Bio-ARP5013
16 mm	Bio-ARP5016
18 mm	Bio-ARP5018

Soft Bone (D3, D4)



Diameter (mm)	**Ø 1.9**	**Ø 2.0**	**Ø 2.5**	**Ø 2.8**	**Ø 3.2**	**Ø 3.65**	**Ø 4.2**	**Ø 5.0**
Drill Speed (rpm)	1200-1500	900-1200	500-700	500-700	500-700	500-700	500-700	

Hard Bone (D1, D2)



Diameter (mm)	**Ø 4.5**	**Ø 5.0**
Drill Speed (rpm)	500-700	

* Recommended insertion torque 35-60 Ncm

* Procedure recommended by Biotec Implant Systems GmbH. Dental professionals should exercise their own judgment in each case.

One Piece | ARP | Prosthetics

Biotec offers a wide range of easy-to-use and esthetic restorations and prosthetics for almost any clinical need. The diameters of these prosthetics are interchangeable based on preference and need.

Transfers ARP

For all implant types diameters (3.2, 3.7, 4.2, 5.0mm)

Tray transfers are designed for impressions using the open-tray technique when the retentions are sharp, and for the closed-tray technique when they are round.

Material Body - Stainless Steel; Screws - Titanium

Transfer

	Catalog Number
	Bio-OPTRN

Drivers ARP

		Catalog Number
Short		Bio-OPDRV10
Long		Bio-OPDRV15

Analog ARP

Implant Analogs (IAs) can be used for all implant diameters (3.2, 3.7, 4.2, 5.0mm)

we recommend using lab analog with identical dimensions to ensure the best rendering of the clinical situation.

Analog

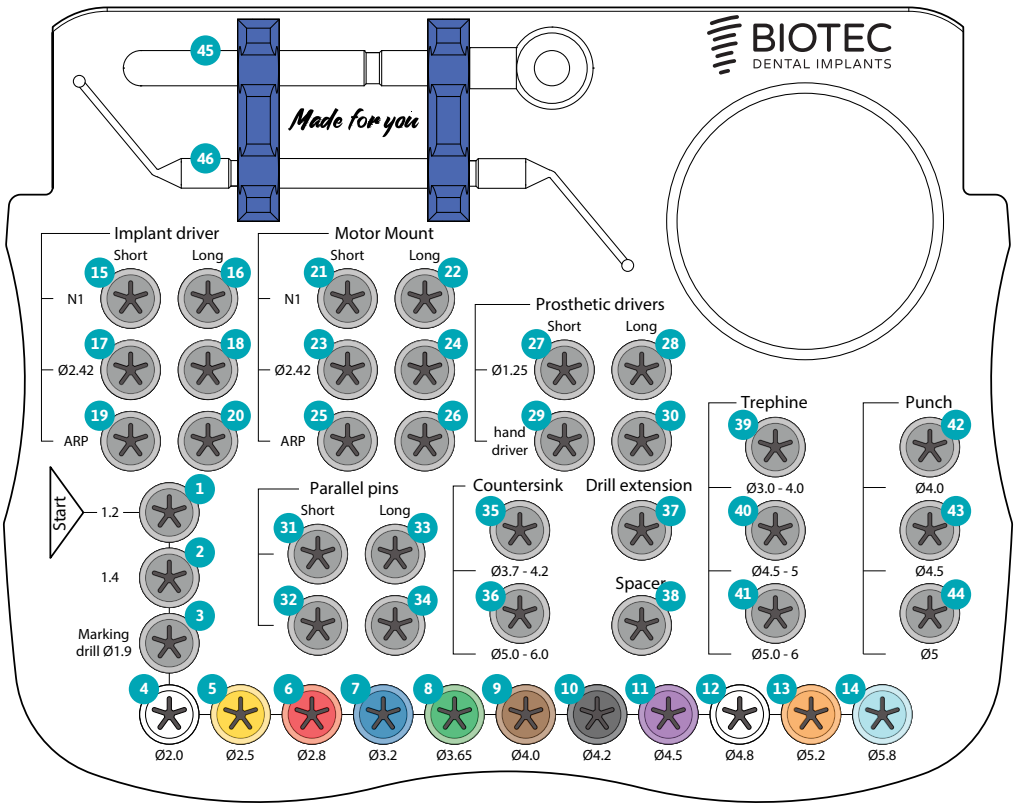
	Catalog Number
	Bio-OPANG

BIOTEC COMPLEMENTARY **SOLUTIONS**

Premium Surgical Kit

Biotec offers a wide range of surgical kits that answer clinicians' needs for multiple clinical scenarios and procedures.

These kits were designed by dentists for dentists with the goal of enhancing efficiency and helping to simplify surgical procedures and ensure that they are safe, quick and simple.



Premium Surgical Kit contains:

Drills

1 Drill Ø1.2
2 Drill Ø1.4
3 Drill Ø1.9
4 Drill Ø2.0
5 Drill Ø2.5
6 Drill Ø2.8
7 Drill Ø3.2
8 Drill Ø3.65
9 Drill Ø4.0
10 Drill Ø4.2
11 Drill Ø4.5
12 Drill Ø4.8
13 Drill Ø5.2
14 Drill Ø5.8

Implant Driver

15 Driver N1 short
16 Driver N1 long
17 Driver Ø2.42 short
18 Driver Ø2.42 long
19 Driver ARP short
20 Driver ARP long

Motor Mount

21 Motor Mount N1 short
22 Motor Mount N1 long
23 Motor Mount Ø2.42 short
24 Motor Mount Ø2.42 long
25 Motor Mount ARP short
26 Motor Mount ARP long

Prosthetic Drivers

27 Driver Ø1.25 short
28 Driver Ø1.25 long
29 Hand Driver Ø1.25 short
30 Hand Driver Ø1.25 long

Parallel Pins

31 Parallel pin short
32 Parallel pin short
33 Parallel pin long
34 Parallel pin long

Countersink

35 Ø3.75 - 4.2
36 Ø5.0 - 6.0

Drill Extension

37 Drill Extension

Spacer

38 Spacer

Trephine

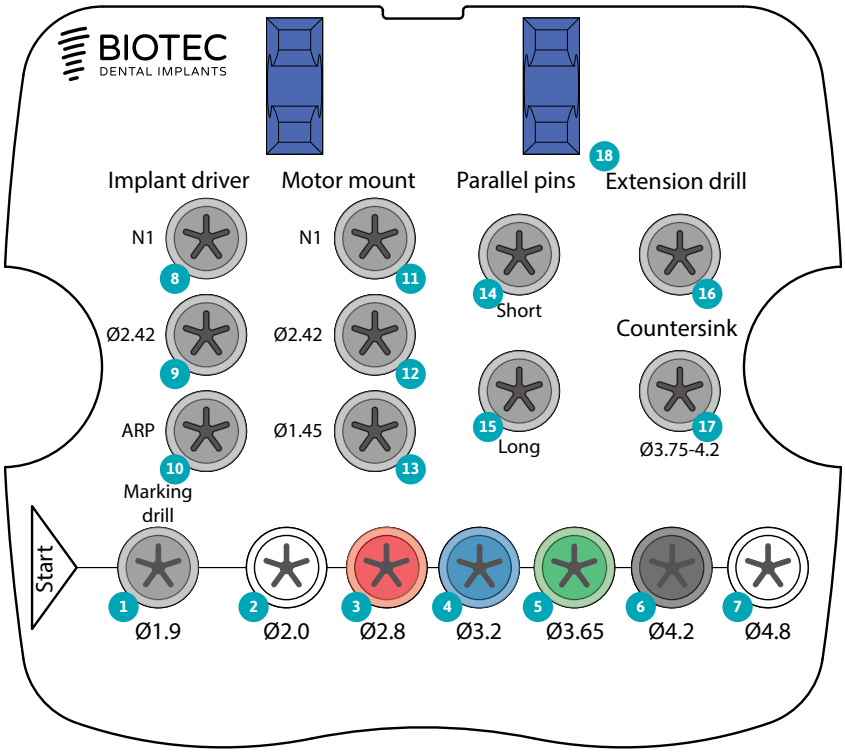
39 Trephine Ø3.0 - 4.0
40 Trephine Ø4.5 - 5.0
41 Trephine 5.0 - 6.0

Punch

42 Punch Ø4.0
43 Punch Ø4.5
44 Punch Ø5.0

45 Tourque Ratchet
46 Depth probe

Starter Surgical Kit



Starter Surgical Kit contains:

Drills

1	Drill Ø1.9
2	Drill Ø2.0
3	Drill Ø2.8
4	Drill Ø3.2
5	Drill Ø3.65
6	Drill Ø4.2
7	Drill Ø4.8

Implant Driver

8	Driver N1
9	Driver Ø2.42
10	Driver APR

Motor Mount

11	Motor mount N1
12	Motor mount Ø2.42
13	Motor mount Ø1.45

Parallel Pins

14	Parallel pins short
15	Parallel pins long

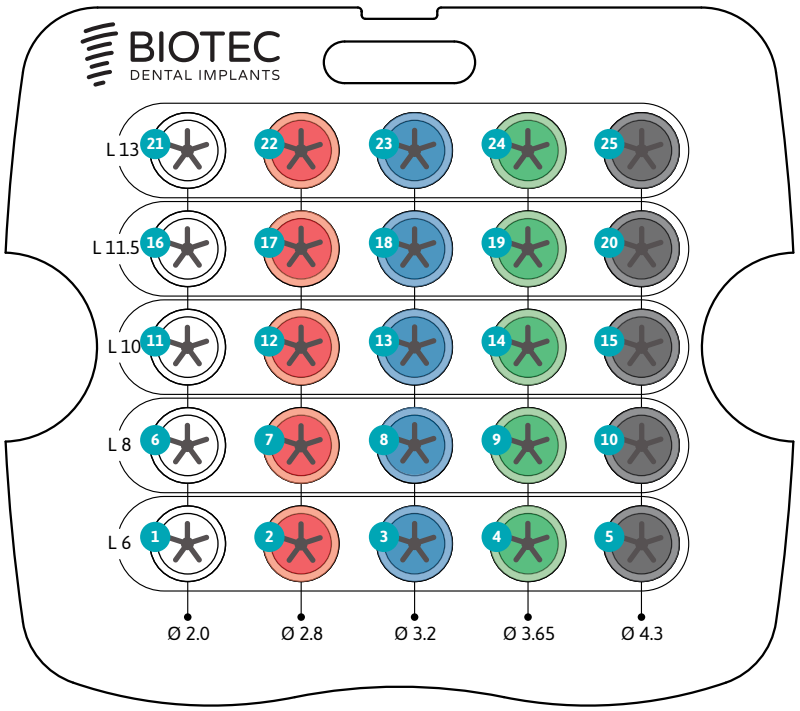
16	Extension drill

Countersink

17	countersink Ø3.75 - 4.2

18	Ratchet

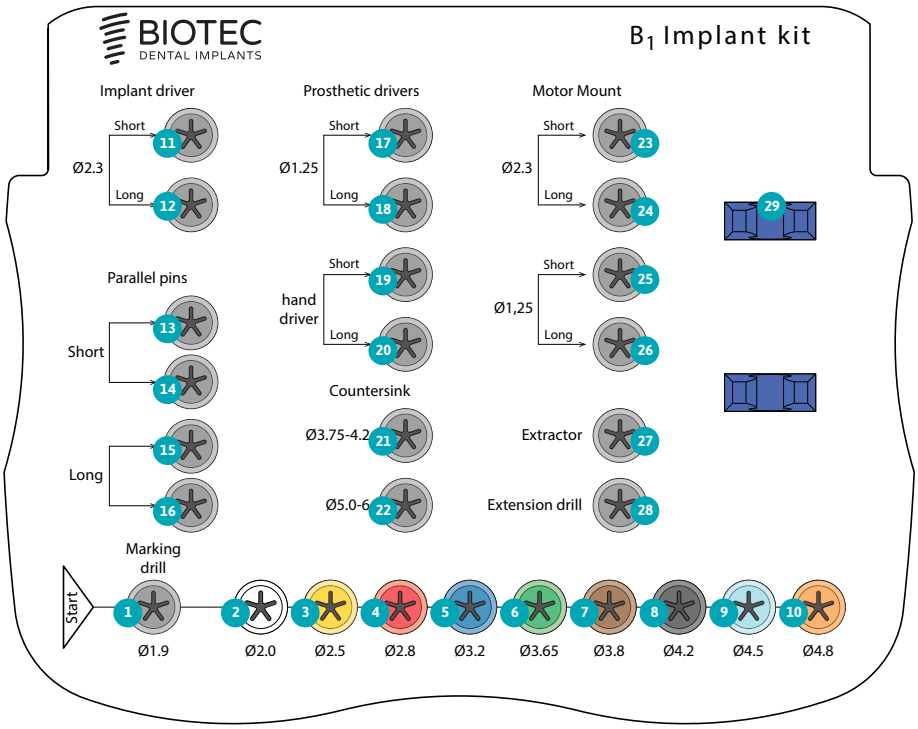
Stopper Kit



Stopper Kit contains:

1 L 6 Ø2.0	8 L 8 Ø3.2	15 L 10 Ø4.3	22 L 13 Ø2.8
2 L 6 Ø2.8	9 L 8 Ø3.65	16 L 11.5 Ø2.0	23 L 13 Ø3.2
3 L 6 Ø3.2	10 L 8 Ø4.3	17 L 11.5 Ø2.8	24 L 13 Ø3.65
4 L 6 Ø3.65	11 L 10 Ø2.0	18 L 11.5 Ø3.2	25 L 13 Ø4.3
5 L 6 Ø4.3	12 L 10 Ø2.8	19 L 11.5 Ø3.65	
6 L 8 Ø2.0	13 L 10 Ø3.2	20 L 11.5 Ø4.3	
7 L 8 Ø2.8	14 L 10 Ø3.65	21 L 13 Ø2.0	

B1 Implant Kit



B1 Implant Kit contains:

Drills

1 Drill Ø1.9
2 Drill Ø2.0
3 Drill Ø2.5
4 Drill Ø2.8
5 Drill Ø3.2
6 Drill Ø3.65
7 Drill Ø3.8
8 Drill Ø3.65
9 Drill Ø4.5
10 Drill Ø4.8

Implant Driver

11 Driver short
12 Driver long

Countersink

21 Ø3.75 - 4.2
22 Ø5.0 - 6.0

Parallel Pins

13 Parallel pin short
14 Parallel pin short
15 Parallel pin long
16 Parallel pin long

Prosthetic Drivers

17 Driver Ø1.25 short
18 Driver Ø1.25 long
19 Hand Driver short
20 Hand Driver long

Motor Mount

23 Motor Mount Ø2.3 short
24 Motor Mount Ø2.3 long
25 Motor Mount Ø1.25 short
26 Motor Mount Ø1.25 long

Extractor

27 Extractor

Drill Extension

28 Drill Extension

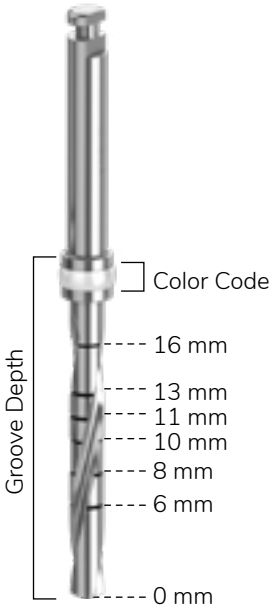
45 Ratchet

Drills

Biotec offers a wide range of surgical drills developed with a unique multi-layer coating to increase the apex stability of dental implants and decrease cutting temperatures during drilling.

These drills are manufactured from high-quality surgical materials that are coated with anti-reflective Dark Grey coating DNT2 (an advanced version of DLC), which increases the drill life and is highly resistant to corrosion. In addition, hard carbon lubricant is used to ensure smooth cutting and increases the autoclaving cycles.

The drills come in a wide range of diameters (1.2 to 8 mm), they are suitable for use with all types of dental implants and are ideal for immediate implanting after extraction.

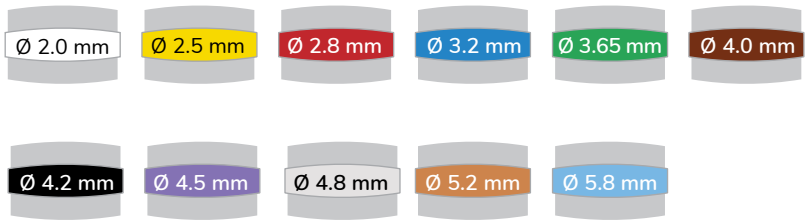


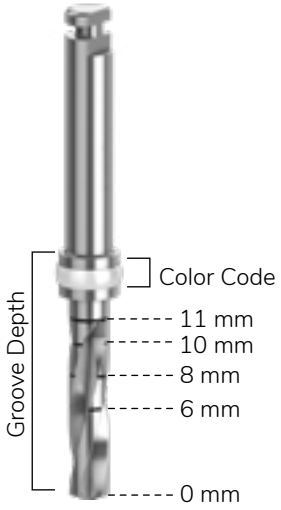
Standard Drills 16mm External Irrigation

	Diameter	Catalog Number
	Ø 2.0 mm	Bio-D1120
	Ø 2.5 mm	Bio-D1125
	Ø 2.8 mm	Bio-D1128
	Ø 3.2 mm	Bio-D1132
	Ø 3.65 mm	Bio-D1136
	Ø 4.0 mm	Bio-D1140
	Ø 4.2 mm	Bio-D1142
	Ø 4.5 mm	Bio-D1145
	Ø 4.8 mm	Bio-D1148
	Ø 5.2 mm	Bio-D1152
	Ø 5.8 mm	Bio-D1158

Drills

Drill Color Code





Short Drills 11mm External Irrigation

	Diameter	Catalog Number
	Ø 2.0 mm	Bio-D1420
	Ø 2.5 mm	Bio-D1425
	Ø 2.8 mm	Bio-D1428
	Ø 3.2 mm	Bio-D1432
	Ø 3.65 mm	Bio-D1436
	Ø 4.2 mm	Bio-D1442
	Ø 5.2 mm	Bio-D1452

Drills

Stopper Drills Ø 2.0 mm External Irrigation

	Length	Catalog Number
	Ø 6 mm	Bio-S2006
	Ø 8 mm	Bio-S2008
	Ø 10 mm	Bio-S2010
	Ø 11.5 mm	Bio-S2011
	Ø 13 mm	Bio-S2013

Stopper Drills Ø 2.8 mm External Irrigation

	Length	Catalog Number
	Ø 6 mm	Bio-S2806
	Ø 8 mm	Bio-S2808
	Ø 10 mm	Bio-S2810
	Ø 11.5 mm	Bio-S2811
	Ø 13 mm	Bio-S2813

Drills

Stopper Drills Ø 3.2 mm External Irrigation

	Length	Catalog Number
	Ø 6 mm	Bio-S3206
	Ø 8 mm	Bio-S3208
	Ø 10 mm	Bio-S3210
	Ø 11.5 mm	Bio-S3211
	Ø 13 mm	Bio-S3213

Stopper Drills Ø 3.65 mm

	Length	Catalog Number
	Ø 6 mm	Bio-S3606
	Ø 8 mm	Bio-S3608
	Ø 10 mm	Bio-S3610
	Ø 11.5 mm	Bio-S3611
	Ø 13 mm	Bio-S3613

Drills

Stopper Drills Ø 4.2 mm External Irrigation

	Length	Catalog Number
	Ø 6 mm	Bio-S4206
	Ø 8 mm	Bio-S4208
	Ø 10 mm	Bio-S4210
	Ø 11.5 mm	Bio-S4211
	Ø 13 mm	Bio-S4213

Stopper Drills Ø 4.5 mm External Irrigation

	Length	Catalog Number
	Ø 6 mm	Bio-S4506
	Ø 8 mm	Bio-S4508
	Ø 10 mm	Bio-S4510
	Ø 11.5 mm	Bio-S4511
	Ø 13 mm	Bio-S4513

Drills

Conical Drills 16mm External Irrigation

	Diameter	Catalog Number
	Ø 2 mm	Bio-BD1620
	Ø 2.5 mm	Bio-BD1625
	Ø 2.8 mm	Bio-BD1628
	Ø 3.2 mm	Bio-BD1632
	Ø 3.65 mm	Bio-BD1636
	Ø 3.8 mm	Bio-BD1638
	Ø 4.2 mm	Bio-BD1642
	Ø 4.5 mm	Bio-BD1645
	Ø 4.8 mm	Bio-BD1647

Extension Drills

	Catalog Number
	Bio-D3412

Drills

Marking Drills

	Diameter	Catalog Number
	Ø 1.9 mm	Bio-D3415
	Ø 1.9 mm	Bio-D3410
	Ø 1.2 mm	Bio-LD1210
	Ø 1.5 mm	Bio-LD1510
	Ø 2.0 mm	Bio-LD2010

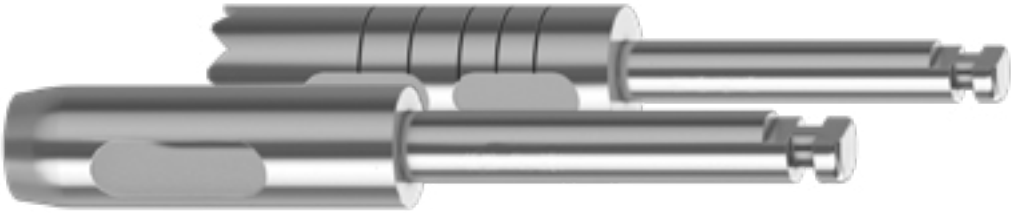
Trephine Drills

	Diameter	Catalog Number
	Ø 3.0 – 4.0 mm	Bio-TR3040
	Ø 4.0 – 5.0 mm	Bio-TR4050
	Ø 5.0 – 6.0 mm	Bio-TR5060

Drills

Tissue Punch

	Diameter	Catalog Number
	Ø 3.0 mm	Bio-D3415
	Ø 4.0 mm	Bio-D3411
	Ø 4.5 mm	Bio-LD1210
	Ø 5.0 mm	Bio-LD1510



Drivers

Diameter ⎔ 1.25 mm

	Length	Catalog Number
	7 mm	Bio-DR1207
	10 mm	Bio-DR1210
	15 mm	Bio-DR1215

Diameter ⎔ 2.42 mm

	Length	Catalog Number
	7 mm	Bio-DR2607
	10 mm	Bio-DR2610
	15 mm	Bio-DR2615

Driver B1

	Length	Catalog Number
	10 mm	Bio-CDR2610
	15 mm	Bio-CDR2615

Driver N1

	Length	Catalog Number
	10 mm	Bio-R310
	15 mm	Bio-R315

Surgical Instruments

Biotec offers a wide range of surgical instruments and tools that are specially designed to streamline surgical implant procedures and help ensure safe and accurate treatment.

They are manufactured using the highest quality raw materials to guarantee the highest level of durability and strength.

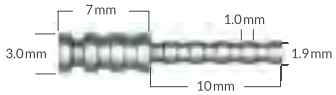
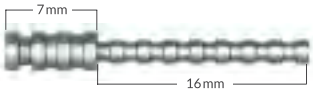
		Catalog Number
	Ratchet	Bio-RC1020
	Tourque Ratchet	Bio-TRC1021
	Surgical Screw Driver, External Hex 2.42	Bio-SSD1022
	Surgical Screw Driver, Long	Bio-SSD1023
	Depth Probe	Bio-DP1025

Surgical Instruments

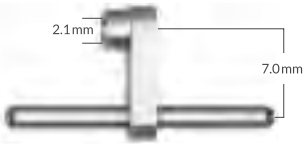
Parallel Pin

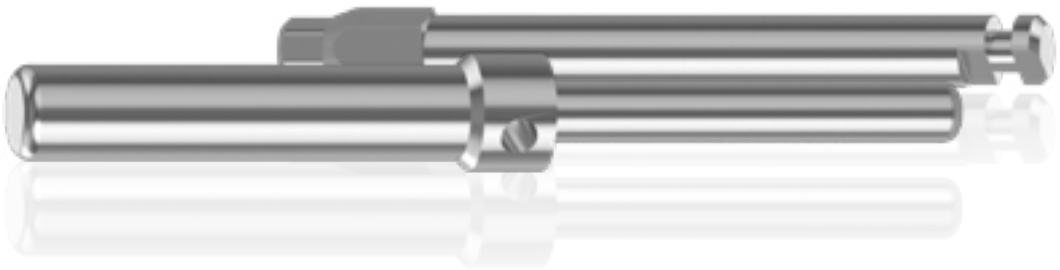
	Length	Catalog Number
	Short	Bio-PG8008
	Long	Bio-PG8009

Parallel Depth Guide

	Length	Catalog Number
	10 mm	Bio-PG9009
	16 mm	Bio-PG9008

Parallel Guide & Spacer

	Length	Catalog Number
	20 mm	Bio-PGS9007



Surgical Instruments

Motor Mount, B1

	Length	Catalog Number
	Short	Bio-CBDR21
	Long	Bio-CBDR26

Motor Mount, N1

	Length	Catalog Number
	Short	Bio-M321
	Long	Bio-M326

Motor Mount Ø 1.25 mm

	Length	Catalog Number
	Short	Bio-MT1210
	Long	Bio-MT1215

Motor Mount Ø 2.42 mm

	Length	Catalog Number
	Short	Bio-MT2410
	Long	Bio-MT2415

Biotec Original

Biotec Implants Company has chosen the best way to deliver their implants by using a double-sterile package system. These implants, in a ISO class 7 cleanroom, are packed individually into a customized implant shuttle which is placed in an inner sterile package. The inner package is then packed into outer packaging with a practical tear tab. Biotec delivers its implant in a color-coded box with clear, easy to use instructions and ready for use during surgical procedures.

Biotec Implant Package provides:

- Double sterile barrier system, sterility for 3 years.
- Color-indication, 5 colors (the colors represent different diameters)
- Easy product removal by hand or with a screwdriver.
- Sealed outer packaging with practical tear tab

Our new packaging concept has a transparent outer blister that contains:

- Sealed outer packaging with practical tear tab
- Inner sterile package
- Implant shuttle that holds the implant and the cover screw for implant
- Peel-off label with batch number for reliable documentation of treatment. Triple label provided for physician's convenience and for use in the patient tracking file.

Every implant is supplied inside a sealed tube; the packaging process prevents the implant from being exposed to any type of contamination which ensures the implant is sterile and ready to use.

The package contains:

- Cover screw
- Implant that is securely positioned to protect it from damage

Components:

- Outer cap
- Outer tube
- Implant shuttle that holds the implant and the cover screw for implant
- Peel-off label with batch number for reliable documentation of treatment

Made for you

Quality Assurance

Biotec has one of the most advanced state-of-the-art production facilities for manufacturing high quality dental solutions. Biotec complies with the following international standards:

Outer box package:

- Simple product classification with brand-specific design and color-coded imprint of the implant diameter
- Large sealed stamp with product details
- Stackable; all important product information remains visible
- Includes multilingual instructions for use

CAD/CAM
DIGITAL SOLUTIONS

Digital Solutions

CAD/CAM Abutments

For all implant type diameters (3.2, 3.7, 4.2, 5.0mm)

Tray transfers are designed for impressions using the open-tray technique when the retentions are sharp, and for the closed-tray technique when they are round.

Material Titanium Alloy (Ti6Al4V ELI) & PEEK

Conical Connection

		Catalog Number
	**Scan Body**	Bio-SBC20
	**Tabse Conical**	Bio-TBC10
	**Tabse no hex conical**	Bio-TBN15

Internal Hex 2.42

		Catalog Number
	**Scan Body**	Bio-SBH21
	**Tabse hex**	Bio-TBH11
	**Tabse no hex**	Bio-TBN16

PRODUCTS LIST & REF.NO.

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