



Catalog 2015

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## COMPANY PROFILE

Simplicity is our strength make life simpler for customers and patients.

**Biotec Dental System™** is an important manufacturer in the area of implant dentistry.

**Biotec Dental System™**, innovation and functional design

**Biotec Dental System™** has developed a long list of innovative products designed to provide the implant dentistry market with the most comprehensive and efficient array of solution .

**Biotec Dental System™** have a dental implant systems with a reputation for precision, quality and functional design. We are committed to creating products that satisfy our customers' high standards for safety, aesthetics and predictability.

**Biotec™** Implants was founded by dental professionals with rich clinical experience and its commitment is to develop products that offer long term compatibility with implants dentistry. We offer dental implant systems, high-precision individualized prosthetics and CAD/CAM systems as well as diagnostics, treatment planning, guided surgery solutions and biomaterials.

The **Biotec Dental System™** is based on more than 10 years of clinical experience.

10 years history of dental implant manufacturer .

Innovative products and concept

High technical and quality products

We offer our products and services to dental professionals and dental laboratories around the world.



## Quality Standards

Quality of the highest class

**Biotec Dental System™** is a leading supplier of comprehensive systems and products for implant dentistry and restorative dentistry.

At **Biotec Dental System™**, quality is an integral part of the way we do business. Our Technical Service is always available with help and advice.

### Conformity with International Standards

At **Biotec Dental System™**, the manufacturing facility operates and conforms to international standards.

These include , A selection of standard adherence approvals and process can be viewed below.

CE 1023 marking - Certificate Number 14 0726 CE

ISO QMS Standards

9001/2008

ISO EN 13485/2012 (medical)

Clean Room class 7 according to ISO 14644

SEM (Scanning Electron Microscope) Examination

Static and Cycling Loading Test of CiM Implants

Static and Cycling Loading Test of SPR Implants

Static and Cycling Loading Test of SPTT Implants



## implant surface

Pure titanium and titanium alloys are well established standard materials in dental implants because of their favorable combination of mechanical strength, chemical stability, and biocompatibility.

**Biotec Dental System™** implants are made of Titanium alloy Ti 6Al 4V ELI. it is an excellent mechanical properties , strong and highly biocompatible material . all of the titanium is produced in the USA.

The osseointegration rate of titanium dental implants (Titanium alloy Ti 6Al 4V ELI ) is related to their composition and surface roughness.

Rough-surfaced implants favor both bone anchoring and biomechanical stability.

Osteoconductive calcium phosphate coatings promote bone healing and apposition, leading to the rapid biological fixation of implants. The different methods used for increasing surface roughness or applying osteoconductive coatings to titanium dental implants are reviewed. Surface treatments, such as titanium plasma-spraying, grit-blasting, acid-etching, anodization or calcium phosphate coatings, and their corresponding surface morphologies and properties are described. Most of these surfaces are commercially available and have proven clinical efficacy (>98% over 10 years).

### Sandblasted surface:

Increased roughness of an implant could be achieved by blasting the surface by small particles, usually called sandblasting or grit blasting. When the particles hit the implant surface it will create a crater. The surface roughness is hence dependent on the bulk material, the particle material, the particle size, the particle shape, the particle speed and the density of particles. The resulting surface roughness is usually anisotropic consisting of craters and ridges and occasionally particles embedded in the surface.

The surface roughness increases with the size of the particles used where 25 µm particles blasted surfaces were rougher than the machined surface while smoother than 75 µm and 250 µm blasted surfaces. Typical Sa values are 0.5-2.0 µm. Further, implants blasted with 25 µm and 75 µm particles show higher removal torque compared to a machined implant surface after 12 weeks of healing in either rabbit tibia or femur .

### SLA - Sandblasted and acid etched surface :

Biotec Dental System™ have a ( Bio-S active ) bio active surface tec .

Commercially available dental implants are usually both blasted by particles and then subsequent etched by acids. This is performed to obtain a dual surface roughness as well as removal of embedded blasting particles. The etching reduces the highest peaks while smaller pits will be created and the average surface roughness will be reduced.

Typical Sa values for blasted and acid etched implants are 1-2 µm. The chemical process of the acid etching will change the surface structure and it has been reported a creation of a titanium hydride layer with a thickness of 1-2 µm intermediate the surface oxide and the bulk metal. Further, by rinsing the SLA implant in a nitrogen atmosphere and storing in saline solution until installation, the amount of carbon contamination could be reduced and improving the hydrophilicity of the implant surface .

The result of this procedure is creating a new hydrophilic surface (SLActive) . This procedure allows the SLActive to maintain a chemically active surface that conditioned to the human body.

#### Anodized surface:

The anodized surface is a partial crystalline and phosphate enriched titanium oxide characterized by a microstructured surface with open pores in the low micrometer range . Anodization or anodic oxidation as it's also called is an electrochemical process carried out in an electrolyte. The structural and chemical properties could be tailored by varying different process parameters, such as anode potential, electrolyte composition, temperature and current .

The bone response to anodized implants has been evaluated in different species and healing times and most often compared to the original machined surface. Significant higher bone to implant .

Superiority hydrophilic anodized surface in the early stages of healing is absolutely obvious.

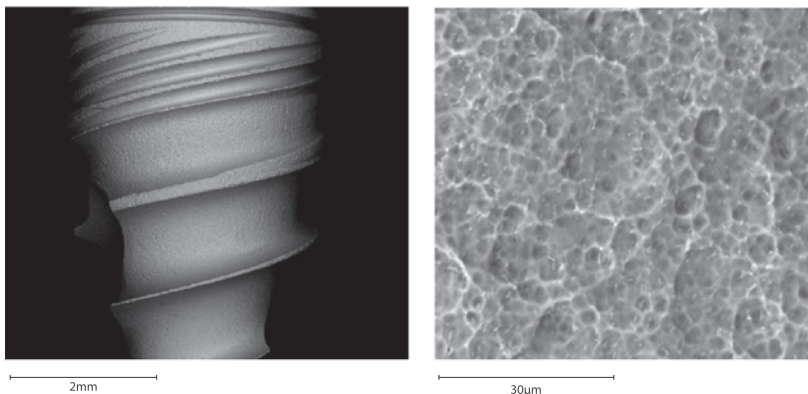
A higher clinical success rate was observed for the anodized titanium implants in comparison with turned titanium surfaces of similar shapes. Two mechanisms have been proposed to explain this osseointegration: mechanical interlocking through bone growth in pores, and biochemical bonding.

The result of the anodic oxidation of the titanium surface is the improvement of the biomechanical characteristics of bone-implant interactions, expressed in the significant strengthening of the implant fixated in the bone tissue, which is histologically proven (Sul Y.T. et al., 2002; Rocci A. et al., 2003).

References: Sul Y.T. et al., 2002; Rocci A. et al., 2003).

Ahmed M. Ballo, Omar Omar, Wei Xia and Anders Palmquist (2011). Dental Implant Surfaces – Physicochemical Properties, Biological Performance, and Trends, Implant Dentistry - A Rapidly Evolving Practice, Prof. Ilser Turkyilmaz (Ed.)

#### Surface examination by means of SEM / EDS analysis:



\*Source: Surface Analysis of Dental Implants by SEM / EDS, Certificate No. 11-0225-NODI

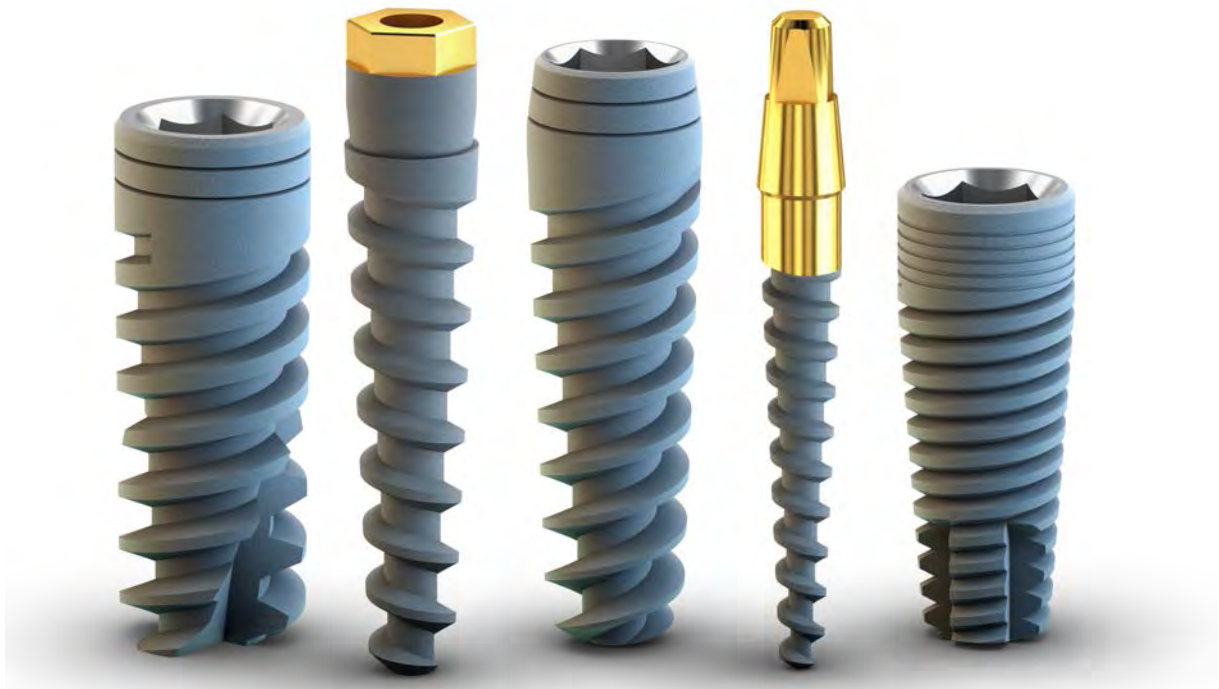
Implant surface at low magnification.  
No visible abnormal impurities.

Implant surface at high magnification.  
No visible abnormal impurities.

#### vision:

Biotec Vision: Simplicity is our strength, make life simpler for customers and patients.

- Biotec Values:**
- Quality
  - Service
  - Innovation
  - Integrity



# IMPLANTS



# SPR

**SPR** is an implant with sharper cutting flutes slice through and widen bone gradually.

Sharp threads and spiral deepening from cervical to apical region.

Improve cutting ability with better bone to implant contact for better primary stability designed specifically according to the anatomy of the bone structure.

Single internal hex connection : a perfect fit between the implant and the abutment ,minimizing micro movements and reducing bone resorption.

Screw internal hex implant 2.5 Mmd (standard).

The spr implant is the exceptional solution for immediate placement and immediate loading

Best for bone types d2,d3,d4

Fast insertion

Self tapping

**Advantages:**

High primary stability

Perfect implant – abutment connection

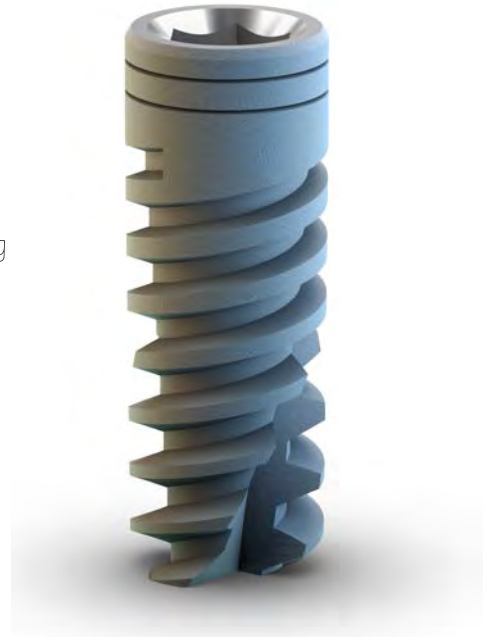
Self tapping

Easy insertion

Self drilling

Bone condensing

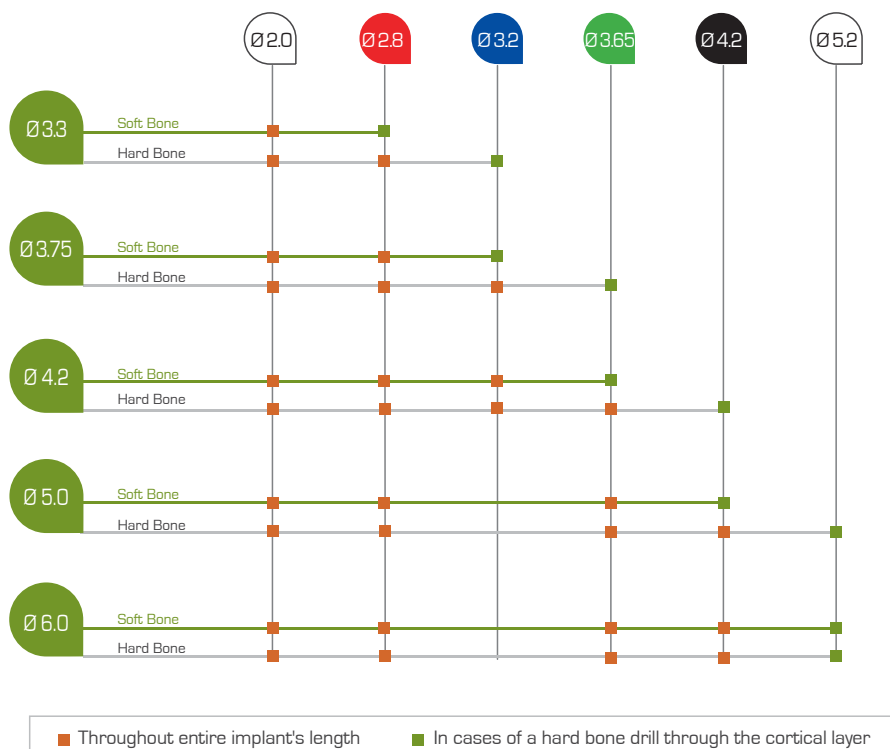
Helps in preventing damage to anatomical structures



Dia. / Length	ø3.3mm	ø3.75mm	ø4.2mm	ø5.0mm	ø6.0mm
6mm		BIO-SPR3706	BIO-SPR4206	BIO-SPR5006	BIO-SPR6006
8mm	BIO-SPR3308	BIO-SPR3708	BIO-SPR4208	BIO-SPR5008	BIO-SPR6008
10mm	BIO-SPR3310	BIO-SPR3710	BIO-SPR4210	BIO-SPR5010	BIO-SPR6010
11.5mm	BIO-SPR3311	BIO-SPR3711	BIO-SPR4211	BIO-SPR5011	BIO-SPR6011
13mm	BIO-SPR3313	BIO-SPR3713	BIO-SPR4213	BIO-SPR5013	BIO-SPR6013
16mm	BIO-SPR3316	BIO-SPR3716	BIO-SPR4216	BIO-SPR5016	



BIO-5023  
Included with  
all implants





# SPTT

**SPTT** :the platform switching design is the smart solution

Platform switching incorporated in the design allowing perfect environment for the soft-tissues and helps to prevent bone resorption .

**SPTT** is an implant with sharper cutting flutes slice through and widen bone gradually .

Sharp threads and spiral deepening from cervical to apical region .

Improve cutting ability with better bone to implant contact for better primary stability .Designed specifically according to the anatomy of the bone structure .

Single internal hex connection : a perfect fit between the implant

And the abutment, minimizing micro movements and reducing bone resorption.

Screw internal hex implant 2.5 Mmd (standard) .

The spr implant is the exceptional solution for immediate placement and immediate loading

Best for bone types d2,d3,d4

Fast insertion

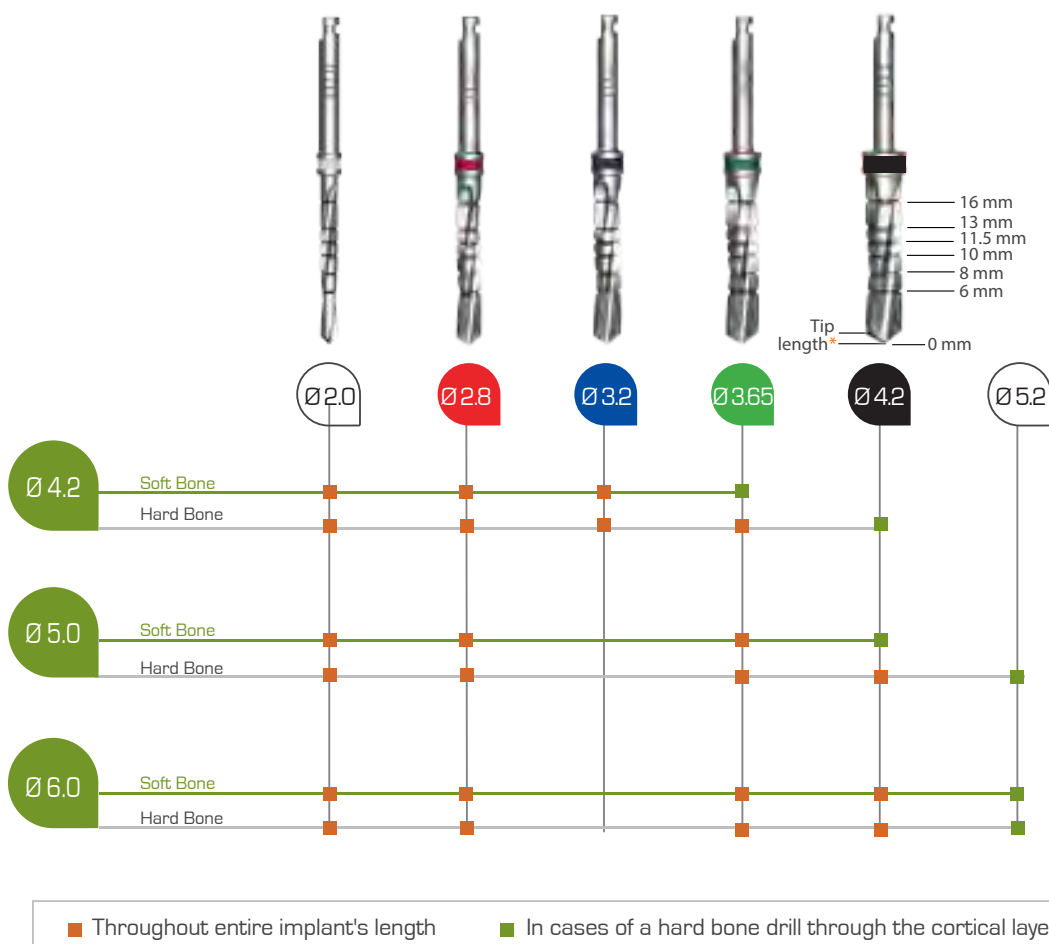
Self tapping



Dia. \ Length	ø4.2mm	ø5.0mm	ø6.0mm
6mm	BIO-SPTT4306	BIO-SPTT5106	BIO-SPTT6106
8mm	BIO-SPTT4308	BIO-SPTT5108	BIO-SPTT6108
10mm	BIO-SPTT4310	BIO-SPTT5110	BIO-SPTT6110
11.5mm	BIO-SPTT4311	BIO-SPTT5111	BIO-SPTT6111
13mm	BIO-SPTT4313	BIO-SPTT5113	BIO-SPTT6113
16mm	BIO-SPTT4316	BIO-SPTT5116	



BIO-5023  
Included with  
all implants



# CIM

**Cim-** is an implant with straight body and straight core .

The **cim** implant is a tapered implant with a variable thread design , 4 micro rings and connecting micro thread at the top of implant increase the envelop surface as well as bone to implant contact.

Clinical indication bone type d1 -d2 .

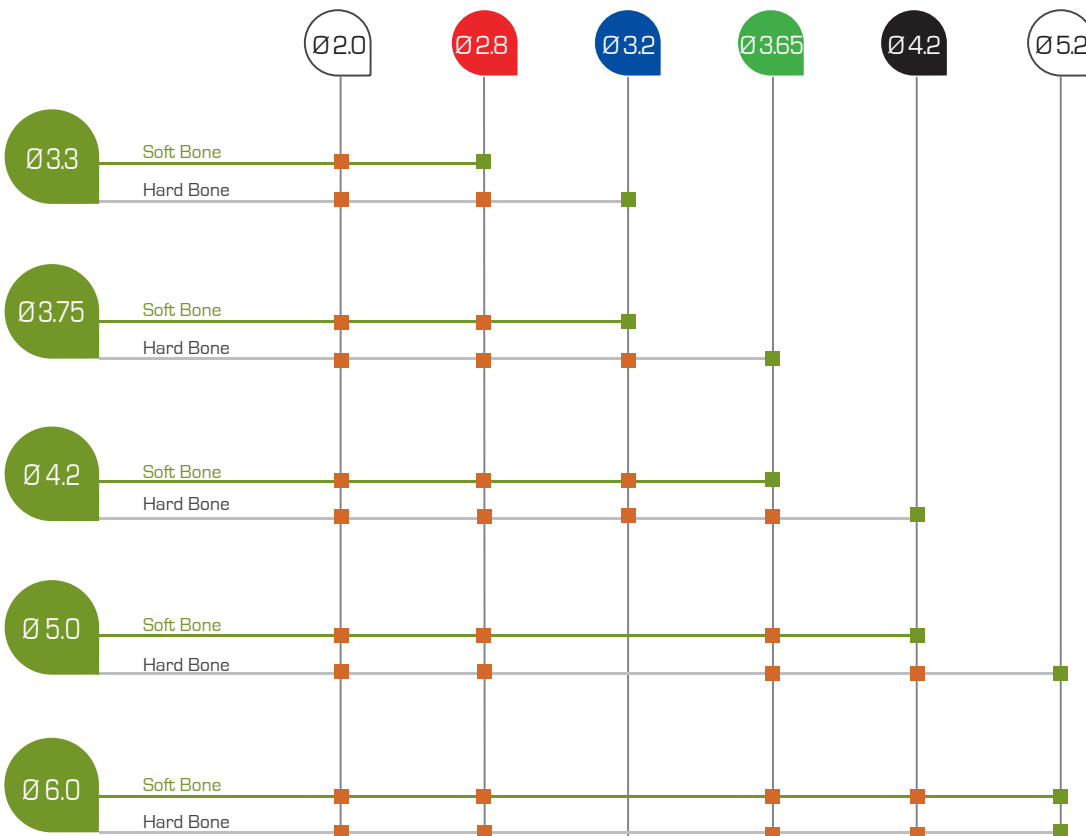
The implant 's body is a root-shaped.

Designed for mild bone compression facilitating the insertion in an undersized socket while achieving maximum initial and long term stability in compromised cases.



BIO-5023  
Included with  
all implants

Dia. \ Length	ø3.3mm	ø3.75mm	ø4.2mm	ø5.0mm	ø6.0m
6mm		BIO-CIM3706	BIO-CIM4206	BIO-CIM5006	BIO-CIM6006
8mm	BIO-CIM3308	BIO-CIM3708	BIO-CIM4208	BIO-CIM5008	BIO-CIM6008
10mm	BIO-CIM3310	BIO-CIM3710	BIO-CIM4210	BIO-CIM5010	BIO-CIM6010
11.5mm	BIO-CIM3311	BIO-CIM3711	BIO-CIM4211	BIO-CIM5011	BIO-CIM6011
13mm	BIO-CIM3313	BIO-CIM3713	BIO-CIM4213	BIO-CIM5013	BIO-CIM6013
16mm	BIO-CIM3316	BIO-CIM3716	BIO-CIM4216	BIO-CIM5016	



■ Throughout entire implant's length    ■ In cases of a hard bone drill through the cortical layer

# ARP

**Arp** - this implant designed for replacements of laterals in the maxilla and incisors in the mandible .

One piece implant with an integrated abutment designed for single stage surgical procedures and cement restorations.

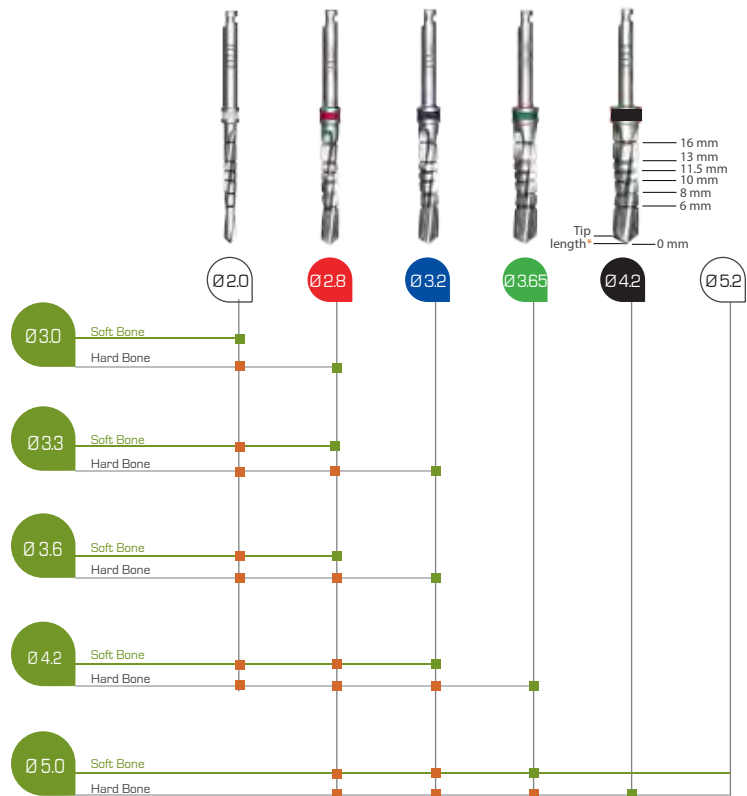
**Advantages :**

- Bio - compatible
- Excellent gingival tolerance
- For the narrow ridges and tight spaces
- For placement with small bone width (narrow bone)
- For all bone types
- For immediat loading
- Trans-gingival gold colored
- The trans-gingival neck can be placed at bone level or below
- Easy insertion
- Self tapping



Length \ Dia.	ø3.0mm	ø3.3mm	ø3.6mm
10mm	BIO-ARP3010	BIO-ARP3310	BIO-ARP3610
11.5mm	BIO-ARP3011	BIO-ARP3311	BIO-ARP3611
13mm	BIO-ARP3013	BIO-ARP3313	BIO-ARP3613

One piece implant with integrated gold colored abutment  
 Self tapping implant  
 Suitable for narrow ridges



\* For the drills Ø 2.0, Ø 2.8, Ø 3.2, Ø 3.65, Ø 4.2 the apical height is included in the drill depth calculation

■ Throughout entire implant's length  
■ In case of a hard bone

# ARC

**Arc** - is an implant with especially designed for narrow alveolar ridges and small mesiodistal space.

The implant can be placed in all types of bone and can be subjected to immediate load.

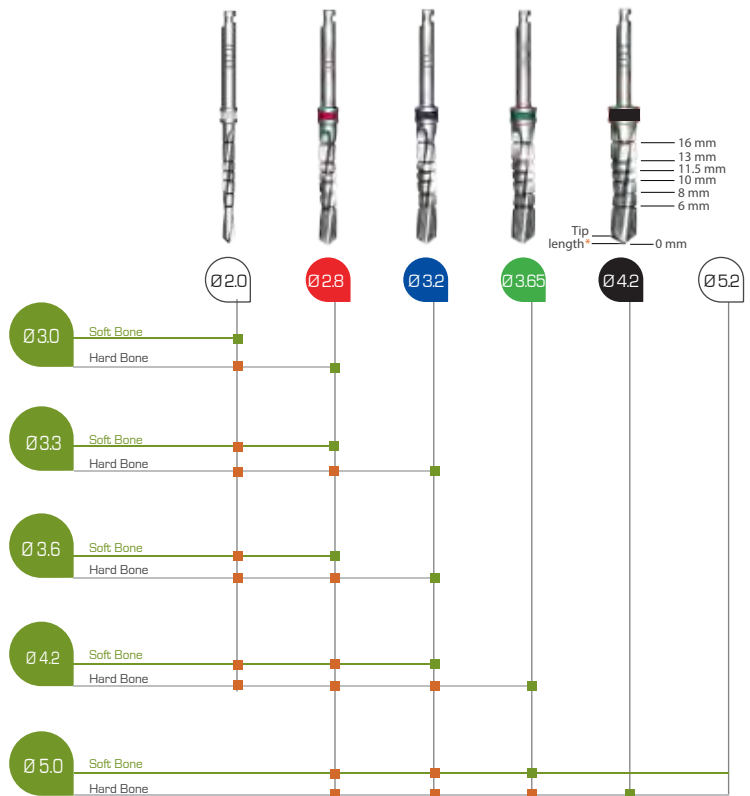
**Advantages :**

- Bio - compatible
- Excellent gingival tolerance
- For the narrow ridges and tight spaces
- For placement with small bone width (narrow bone)
- For all bone types
- For immediat loading
- Trans-gingival gold colored
- Easy insertion
- Self tapping



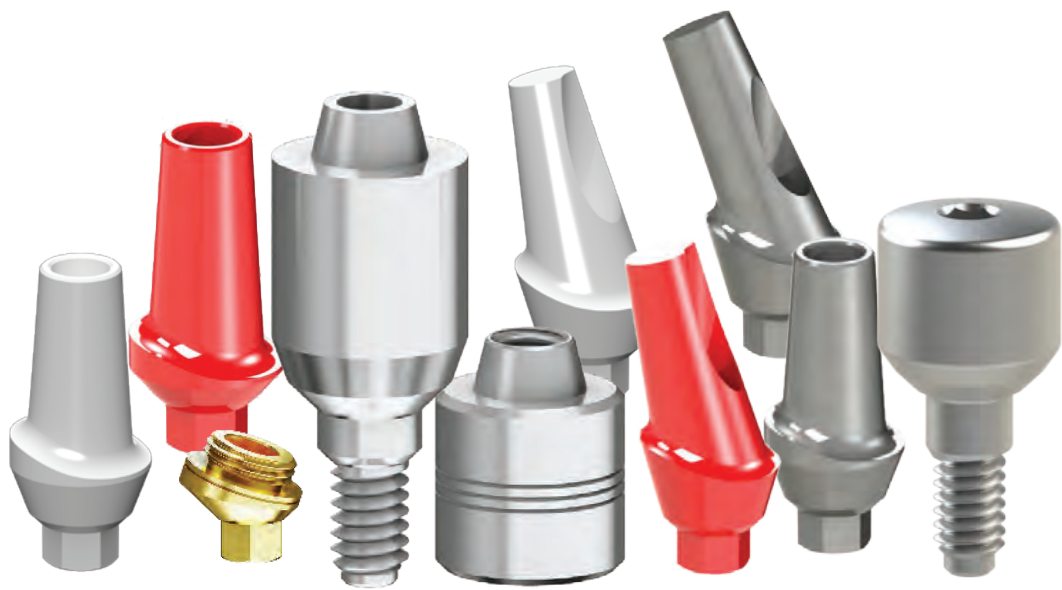
Length \ Dia.	ø3.3mm
10mm	BIO-ARC3310
11.5mm	BIO-ARC3311
13mm	BIO-ARC3313

Two piece implants varius changble abutmants  
 Designed for nerrw ridges  
 Suitable for imediate loading  
 Self tapping sturcture  
 Top of the implant gold colored coating



\* For the drills Ø 2.0, Ø 2.8, Ø 3.2, Ø 3.65, Ø 4.2 the apical height is included in the drill depth calculation

■ Throughout entire implant's length
■ In case of a hard bone



 **PROSTHETICS**

# Straight Abutments

## Straight

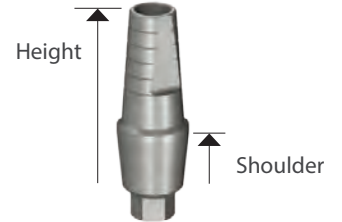


Cat. Number	BIO-SA5908	BIO-SA5909	BIO-SA5911	BIO-SA5912
Height	8.5mm	9.5mm	11.5mm	12.5mm

## Straight Shoulder



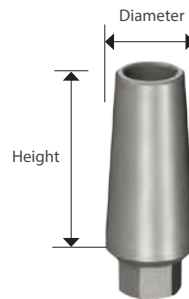
Cat. Number	BIO-SH4801	BIO-SH4802	BIO-SH4803	BIO-SH4804
Shoulder	1mm	2mm	3mm	4mm
Height	8.5mm	9.5mm	10.5mm	11.5mm



## Straight Narrow



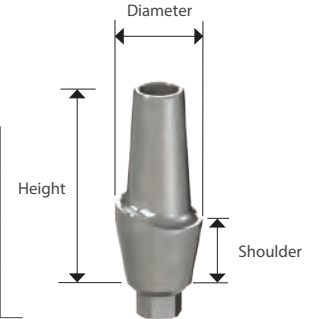
Cat. Number	BIO-SN6006	BIO-SN6008
Height	6.0mm	8.0mm
Diameter	3.8mm	



## Straight Anatomic



Cat. Number	BIO-SA4601	BIO-SA4602	BIO-SA4603	BIO-SA4604
Shoulder	1mm	2mm	3mm	4mm
Height	9mm	10mm	11mm	12mm
Diameter	5.2mm			



## Straight Shoulder



Cat. Number	BIO-SHT5001	BIO-SHT5002
Shoulder	1.7mm	1.7mm
Height	9.5mm	9.5mm
	Non-Hex	

## Straight Shoulder, Narrow



Cat. Number	BIO-SAA5300	BIO-SAA5301	BIO-SAA5302
Shoulder	0.5mm	1.5mm	2.5mm
Height	8.5mm	8.5mm	8.5mm

BIO-8324

Included with all abutments plus available separately.



# Angulated Abutments

Angular Standard, Angle 15°



Cat. Number	BIO-ASA3207	BIO-ASA3209	BIO-ASA3211
Height	7.0mm	9.0mm	11.0mm
Diameter	4.5mm		

Angular Anatomic, Angle 15°



Cat. Number	BIO-AA2401	BIO-AA2402	BIO-AA2403	BIO-AA2404
Shoulder	9.5mm	10.5mm	11.5mm	12.5mm
Height	1mm	2mm	3mm	4mm
Diameter	5.4mm			

Angular Standard, Narrow, Angle 15°

Cat. Number	BIO-ASN3609
Height	9.0mm
Diameter	3.9mm



Angular Standard, Angle 15°, NT



Cat. Number	BIO-ASA2809
Height	9.0mm
Diameter	4.5mm

NT - Narrow Top

Angular Standard, Angle 25°

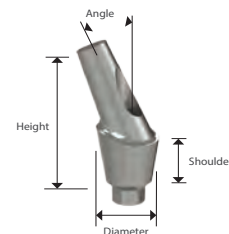


Cat. Number	BIO-AS3407	BIO-AS3409	BIO-AS3411
Height	7.0mm	9.0mm	11.0mm
Diameter	4.5mm		

Angular Anatomic, Angle 25°



Cat. Number	BIO-AA2601	BIO-AA2602	BIO-AA2603	BIO-AA2604
Height	9.5mm	10.5mm	11.5mm	12.5mm
Shoulder	1mm	2mm	3mm	4mm
Diameter	5.4mm			



Angular Standard, Narrow, Angle 25°



Cat. Number	BIO-A3809
Height	9mm
Diameter	4mm

Angular Standard, Angle 25°, NT



Cat. Number	BIO-A3009
Height	9.0mm
Diameter	4.5mm

NT - Narrow Top

BIO-8324

Included with all abutments plus available separately.





# ARC Components

ARC Straight Abutment



Cat No.	BIO-SAA1013
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Angulated ARC Abutment 15



Cat No.	BIO-AB1002
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Plastic Abutment ARC



Cat No.	BIO-PL1011
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ARC Transfer for Closed Tray




Cat No.	BIO-ATC1020
---------	-------------

ARC Transfer for Open Tray




Cat No.	BIO-ATO1021
---------	-------------

ARC Analog




Cat No.	BIO-AA1014
---------	------------

ARC Driver



Cat No.	BIO-AD1018
---------	------------

ARC Screw  
Included with all  
ARC Abutments



Cat No.	BIO-AS1022
---------	------------

# Healing Caps

3.8mm  
Diameter,  
Narrow



Cat. Number	BIO-HC3802	BIO-HC3803	BIO-HC3804	BIO-HC3805	BIO-HC3806	BIO-HC3807
Height	2mm	3mm	4mm	5mm	6mm	7mm

4.6mm  
Diameter



Cat. Number	BIO-HC4602	BIO-HC4603	BIO-HC4604	BIO-HC4605	BIO-HC4606	BIO-HC4607
Height	2mm	3mm	4mm	5mm	6mm	7mm

5.5mm  
Diameter



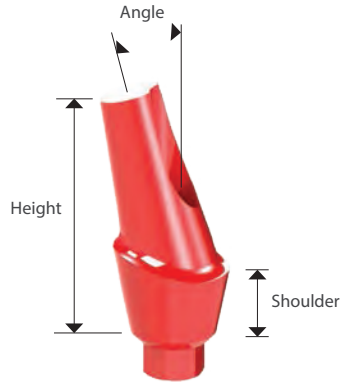
Cat. Number	BIO-HC5502	BIO-HC5503	BIO-HC5504	BIO-HC5505	BIO-HC5506	BIO-HC5507
Height	2mm	3mm	4mm	5mm	6mm	7mm

6.3mm  
Diameter



Cat. Number	BIO-HC6303	BIO-HC6304	BIO-HC6305	BIO-HC6306	BIO-HC6307	BIO-HC6308
Height	3mm	4mm	5mm	6mm	7mm	8mm

# Plastic Custable Abutments



Straight  
Anatomic  
Plastic



Cat. Number	BIO-PSA4001	BIO-PSA4002	BIO-PSA4003
Height	9mm	10mm	11mm
Shoulder	1mm	2mm	3mm

Angular  
Anatomic,  
Angle 15°  
Plastic

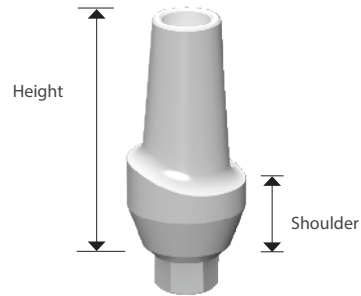


Cat. Number	BIO-PAA3001	BIO-PAA3002	BIO-PAA3003
Height	9mm	10mm	11mm
Shoulder	1mm	2mm	3mm

Angular  
Anatomic,  
Angle 25°  
Plastic



Cat. Number	BIO-PAA3201	BIO-PAA3202	BIO-PAA3203
Height	9mm	10mm	11mm
Shoulder	1mm	2mm	3mm



### Straight Anatomic Peek



Cat. Number	BIO-SAP6001	BIO-SAP6002	BIO-SAP6003
Height	9mm	10mm	11mm
Shoulder	1mm	2mm	3mm

### Angular Anatomic, Angle 15°, Peek



Cat. Number	BIO-AAP5001	BIO-AAP5002	BIO-AAP5003
Height	9mm	10mm	11mm
Shoulder	1mm	2mm	3mm

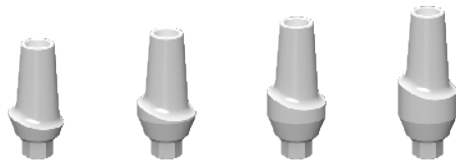
### Angular Anatomic, Angle 25°, Peek



Cat. Number	BIO-AAP5201	BIO-AAP5202	BIO-AAP5203
Height	9mm	10mm	11mm
Shoulder	1mm	2mm	3mm

# Zirconia Abutments

## Straight Anatomic



Cat. Number	BIO-ZSA4500	BIO-ZSA4601	BIO-ZSA4602	BIO-ZSA4603
Height	8.5mm	9mm	10mm	11mm
Shoulder	0.5mm	1mm	2mm	3mm

BIO-8324

Included with all  
abutments plus  
available separately.

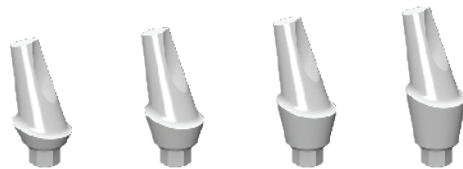


## Standard, Narrow, Straight

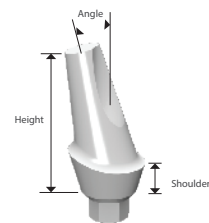


Cat. Number	BIO-ZSN4802
Height	9.0mm
Shoulder	2mm

## Angular Anatomic, Angle 15°



Cat. Number	BIO-ZAA2300	BIO-ZAA2401	BIO-ZAA2402	BIO-ZAA2403
Height	9.5mm	9.5mm	10.5mm	11.5mm
Shoulder	0.5mm	1mm	2mm	3mm

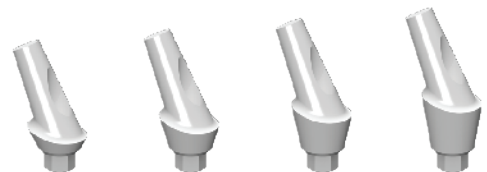


## Angular Standard, Narrow, Angle 15°



Cat. Number	BIO-ZSN3609
Height	9.0mm

## Angular Anatomic, Angle 25°



Cat. Number	BIO-ZAA2500	BIO-ZAA2601	BIO-ZAA2602	BIO-ZAA2603
Height	9.5mm	9.5mm	10.5mm	11.5mm
Shoulder	0.5mm	1mm	2mm	3mm

# Ball Attachment

Housing,  
for Internal  
Cap



Cat. Number	BIO-MC3001
Order with:	

Silicon Cap

Internal Cap,  
for 2.5mm Ball  
Attachment



Cat. Number	BIO-S3003	BIO-S3004	BIO-S3005
	Silicon - Soft	Silicon - Standard	Hard

Straight Ball  
Attachment,  
Titanium



Cat. Number	BIO-BA12005	BIO-BA1201	BIO-BA1202	BIO-BA1203	BIO-BA1204	BIO-BA1205	BIO-BA1206
Height	0.5mm	1mm	2mm	3mm	4mm	5mm	6mm

Abutment Lock,  
Plastic



Diameter 4mm



Height



Cat. Number	BIO-PS2001	BIO-PS2003	BIO-PS2004
	Hex	Straight Round	Straight

Plastic for  
Casting



Cat. Number	BIO-PL1001	BIO-PL1002
	Non-Hex	Hex

# Locators



Locator



Cat No.	BIO-PCA01	BIO-PCA02	BIO-PCA03	BIO-PCA04	BIO-PCA05
Height	1mm	2mm	3mm	4mm	5mm

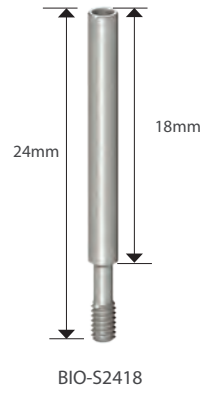
Description	Metal	Extra Soft Silicon	Soft Silicon	Standard Silicon	Laboratory
					
Cat No.	BIO-MT0004	BIO-ES0005	BIO-SS0006	BIO-ST0007	BIO-LA0008



**Stainless Steel for Open Tray**

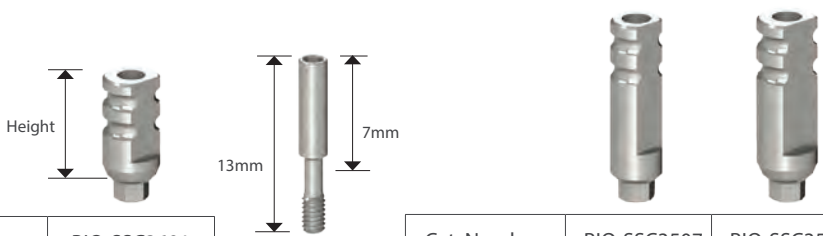


Cat. Number	BIO-SSO4008	BIO-SSO4202	BIO-SSO4201	BIO-SSO4012
Height	8mm	8mm	12mm	12mm
Diameter	4.75	4.50	4.30	4.75

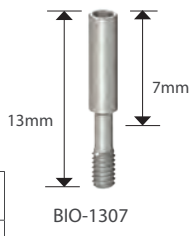


Comes with Screw BIO-S2418

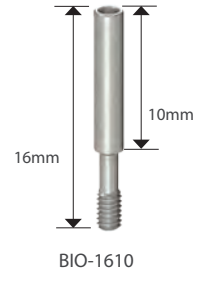
**Stainless Steel, for Closed Tray**



Cat. Number	BIO-SSC3601
Height	8mm
Diameter	4.75



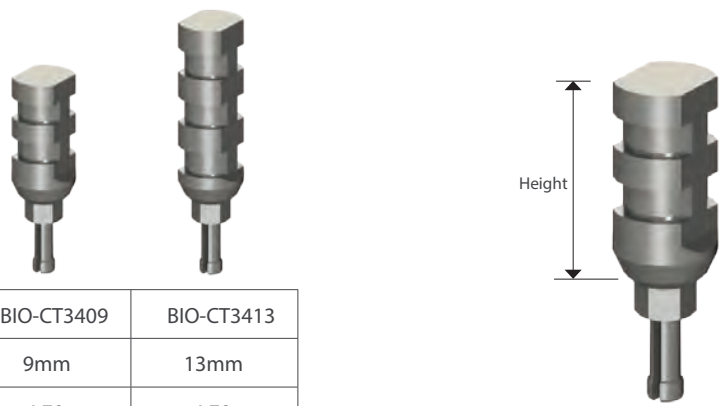
Cat. Number	BIO-SSC3507	BIO-SSC3511
Height	12mm	12mm
Diameter	3.85mm	4.5mm



Comes with Screw BIO-1307

Comes with Screw BIO-1610

**Stainless Steel, for Closed Tray**



Cat. Number	BIO-CT3409	BIO-CT3413
Height	9mm	13mm
Diameter	4.70	4.70

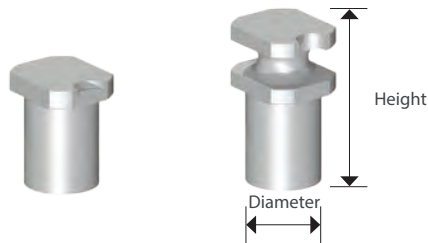
# TRANSFER ABUTMANT & ANALOGS

Stainless Steel,  
for Closed Tray



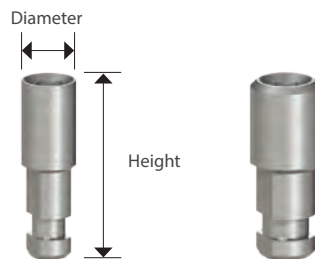
Cat. Number	BIO-TA3801	BIO-TA3802	BIO-TA3803	BIO-TA3804	BIO-TA3805
Shoulder	1mm	2mm	3mm	4mm	5mm
Diameter	4.75mm				

Plastic ,  
for Closed  
tray Transfer  
Abutmant



Cat. Number	BIO-PT4401	BIO-PT4402
Height	7mm	10mm
Diameter	4.75mm	

Analog,  
Stainless  
Steel



Cat. Number	BIO-AN6004	BIO-AN6005
Height	12.7mm	
Diameter	ø4.0mm	ø5.0mm

# Straight Multi-Unit



Multi-Unit  
Straight  
Abutment



Cat No.	BIO-M0101	BIO-M0102	BIO-M0103	BIO-M0104	BIO-M0105	BIO-M0106
Height	1mm	2mm	3mm	4mm	5mm	6mm

Multi-Unit  
Plastic castable  
Sleeve



Cat No.	BIO-MPL01
---------	-----------

Multi-Unit  
Titanium  
Sleeve



Cat No.	BIO-MTI01
---------	-----------

Multi-Unit Short  
Titanium  
Sleeve



Cat No.	BIO-MTI05
---------	-----------

Healing Cap  
For  
Multi-Unit



Cat No.	BIO-M0HC1
---------	-----------

Close Transfer  
For  
Multi-Unit



Cat No.	BIO-M0TR1
---------	-----------

Open Transfer  
For  
Multi-Unit



Cat No.	BIO-M0TR2
---------	-----------

Analog  
For  
Multi-Unit



Cat No.	BIO-M0AN1
---------	-----------

ScREW for  
Multi-Unit

Included with all types of  
abutments



Cat No.	BIO-M0SC1
---------	-----------

# Angulated Multi-Unit



Angulated  
Multi-Unit  
Abutment



Cat No.	BIO-AMU09	BIO-AMU18	BIO-AMU30
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Multi-Unit  
Plastic castable  
Sleeve



Cat No.	BIO-MPL01
---------	-----------

Multi-Unit  
Titanium  
Sleeve



Cat No.	BIO-MTI01
---------	-----------

Multi-Unit Short  
Titanium  
Sleeve



Cat No.	BIO-MTI05
---------	-----------

Healing Cap  
For  
Multi-Unit



Cat No.	BIO-M0HC1
---------	-----------

Close Transfer  
For  
Multi-Unit



Cat No.	BIO-M0TR1
---------	-----------

Open Transfer  
For  
Multi-Unit



Cat No.	BIO-M0TR2
---------	-----------

Analogue  
For  
Multi-Unit



Cat No.	BIO-M0AN1
---------	-----------

ScREW for  
Multi-Unit

Included with all types of  
abutments



Cat No.	BIO-M0SC1
---------	-----------



Variable  
multi-connect  
Base



Cat No.	BIO-VMC09	BIO-VMC18	BIO-VMC30
Diameter	4.60 mm	4.60 mm	4.60 mm
Angle	9°	18°	30°

Ball  
Attachment  
For V.M.C



Cat No.	BIO-BVAC2	BIO-BVAC3	BIO-BVAC4	BIO-BVAC5
Height	2.00 mm	3.00 mm	4.00 mm	5.00 mm

Multi-Unit  
Attachment  
For V.M.C



Cat No.	BIO-MUV2	BIO-MUV3	BIO-MUV4	BIO-MUV5
Height	2.00 mm	3.00 mm	4.00 mm	5.00 mm

Locator  
For V.M.C



Cat No.	BIO-LVC2	BIO-LVC3	BIO-LVC4	BIO-LVC5
Height	2.00 mm	3.00 mm	4.00 mm	5.00 mm



# INSTRUMENTS AND KITS



### Standard, 16mm

Cat. Number	BIO-D1220	BIO-D1225	BIO-D1228	BIO-D1232	BIO-D1236	BIO-D1242	BIO-D1252
Diameter	ø2.0mm	ø2.5mm	ø2.8mm	ø3.2mm	ø3.65mm	ø4.2mm	ø5.2mm

### Short, 11.5mm

Cat. Number	BIO-D1420	BIO-D1428	BIO-D1432	BIO-D1436	BIO-D1442	BIO-D1452
Diameter	ø2.0mm	ø2.8mm	ø3.2mm	ø3.65mm	ø4.2mm	ø5.2mm



### Trephine

Cat. Number	BIO-D2020	BIO-D2030	BIO-D2040	BIO-D2050
Diameter	ø2.0mm-3.0mm	ø3.0mm-4.0mm	ø4.0mm-5.0mm	ø5.0mm-6.0mm



### Conical, 16mm

Cat. Number	BIO-D3018	BIO-D3020	BIO-D3025	BIO-D3027	BIO-D3028	BIO-D3031
Diameter	ø1.8-2.4mm	ø2.0-3.2mm	ø2.5-3.7mm	ø2.7-4.0mm	ø2.7-4.5mm	ø3.1-5.5mm



### Countersink

Cat. Number	BIO-D1034	BIO-D1056
Diameter	ø3.8-4.2mm	ø5.0-6.0mm



### Marking

BIO-D3410

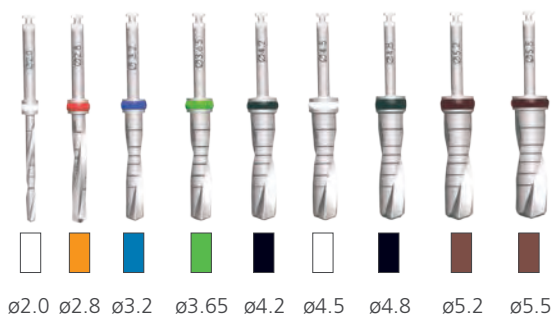


### Extension

BIO-D3412



### Color Code

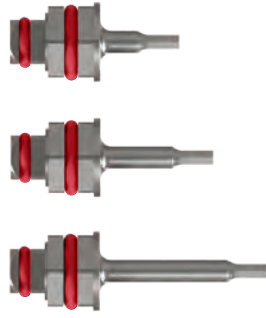




# Drivers

Driver,  $\square$  1.25mm

Cat. Number	Length
BIO-DR1207	7mm
BIO-DR1210	10mm
BIO-DR1215	15mm

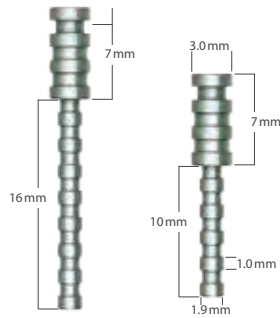


Driver,  $\square$  2.42mm

Cat. Number	Length
BIO-DR2607	7mm
BIO-DR2610	10mm
BIO-DR2615	15mm

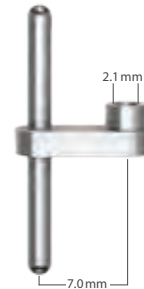


Parallel  
Depth  
Guide



Cat. Number	BIO-PG9008	BIO-PG9009
Length	16mm	10mm

Parallel  
Guide  
& Spacer



Cat. Number	BIO-PGS9007
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Cat. Number	BIO-RC1020	BIO-TRC1021	BIO-SSD1022	BIO-SSB1023	BIO-DP1025
Description	Ratchet	Torque Ratchet	Surgical Screw Driver, External Hex 2.42	Surgical Screw Driver, Long	Depth Probe

ARC  
Driver



Cat. No.	BIO-AD1018
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ARP  
Driver



Cat. No.	BIO-ARD1010
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ARC  
Driver



Cat. No.	BIO-AD1019
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ARP  
Driver



Cat. No.	BIO-ARD1011
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Large  
Surgical  
Kit

Cat No.	BIO-LSK2001
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Small  
Surgical  
Kit

Cat No.	BIO-SSK2002
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Stopper  
Kit

Cat No.	BIO-SK2000
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