



dental.implants



we hope inspire
you to do
something new.



raw.material

Our biggest concern and responsibility is to ensure all raw material used is reliable and all necessary tests are carried out to prove its biocompatibility.

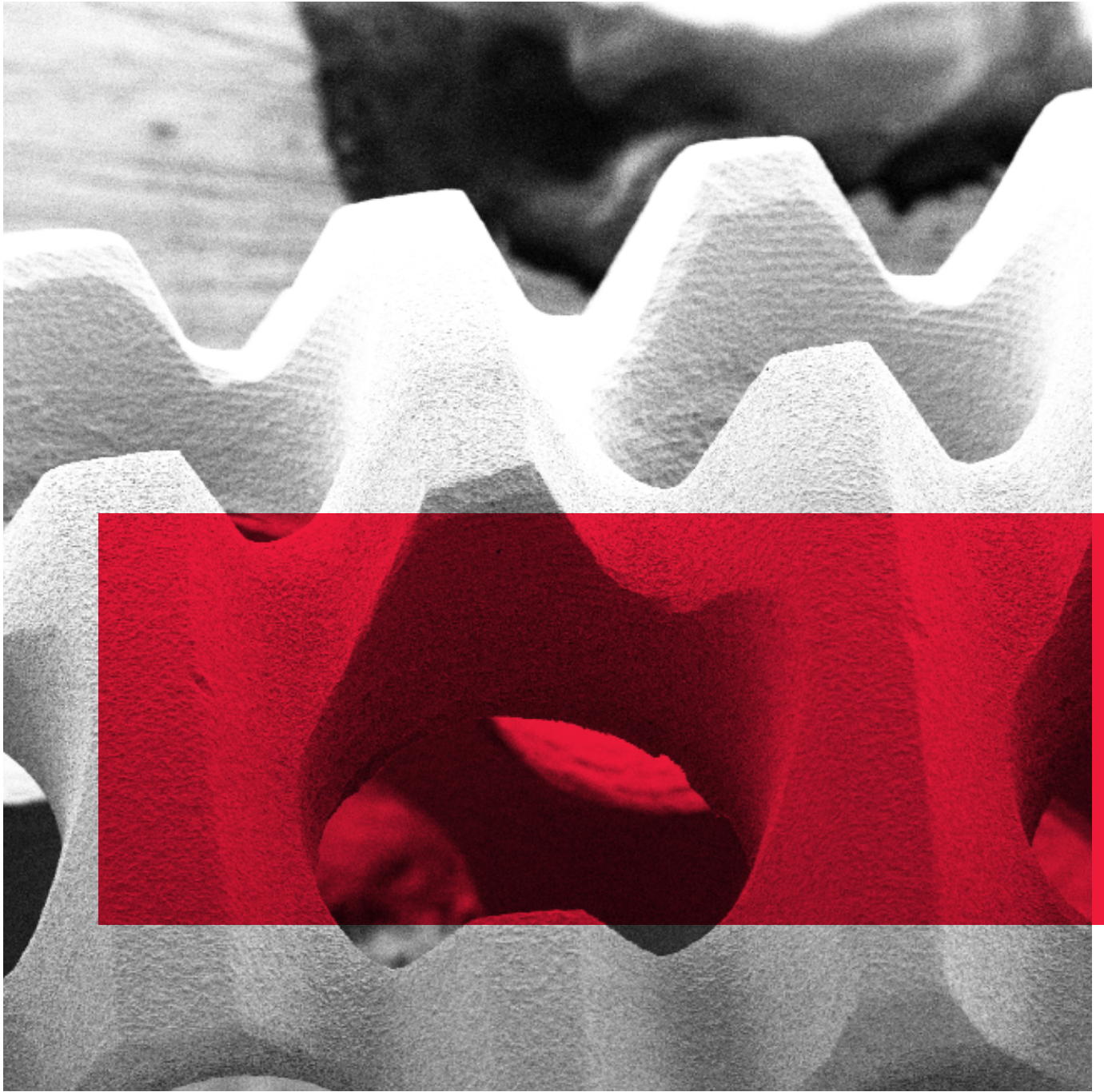
The Material used in all of the line of Implants is the Commercially Pure Titanium Gr4 – Standards F67 and ISO 5832-2; as for the component line, Vanadium Aluminum Titanium – Standards F136 and ISO 5832-4, its suppliers being highly qualified.

original.

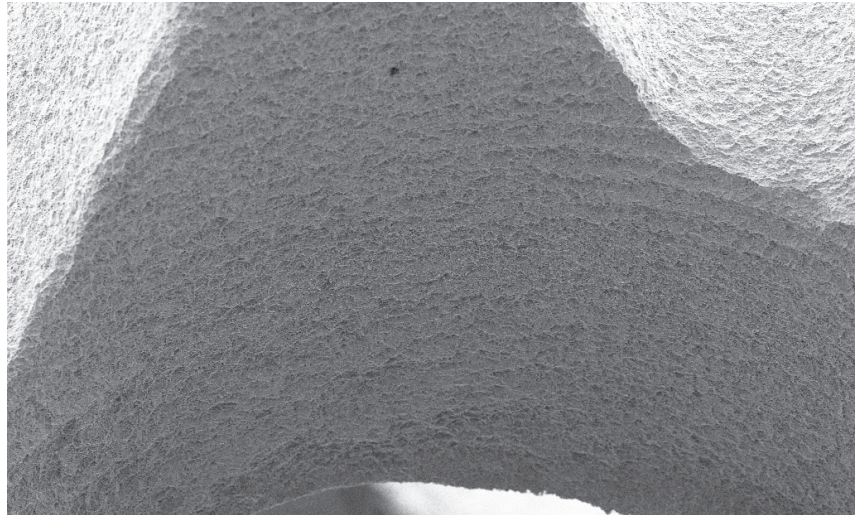
The Bionnovation has severe controls on the production of its implants and prosthetic components. The specifications and technical drawings for each product have confidential tolerances, thus, no other manufacturer can guarantee loyalty or consistency with implants or components Original Bionnovation.

The benefits is the excellent fit between implant and components by the use of Originals products.

The Bionnovation doesn't extend your warranty on treatments which are not used implants and Original Prosthetic Components.



surface.treatment



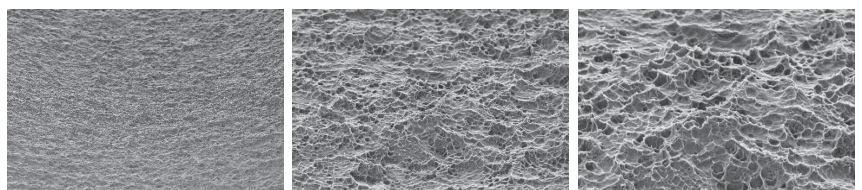
surface .treatment

SUPEX is a superficial treatment that promotes a contact area with the bone that is 100% greater than in implants with even surfaces. Its rugose surface, although uniform, is obtained through a patented sequential acid treatment. Such surface provides better healing conditions and reduces the osseointegration period.

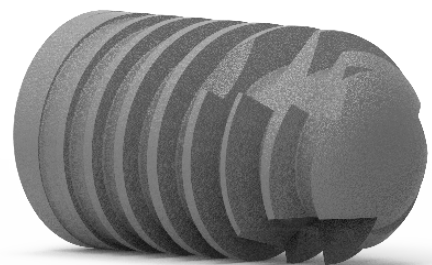
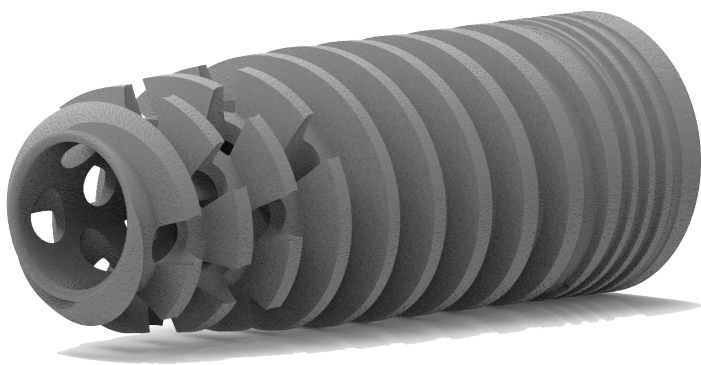
The treatment consists of preparing the surface of the implant in 3 steps:

- Immersion in **hydrofluoric** acid
- Immersion in a mixture of **hydrochloric** acid and **sulfuric**
- Immersion in **nitric** acid

The process aims at producing micro perforations on the surface of the implant. With this process the surface roughness was increased, favoring the induction of tissue healing process.



Distinguished design There are different implant body designs, cutting grooves and thread designs available in our Biomorse Line offering several advantages. Combining the advantages of a Morse taper connection with a choice of implant body design, the Biomorse implant system offers a wide variety of choices to address virtually any current clinical situation.





● **Respecting the biological aspect**

● **Conical Connection**

The 10° conical connection was engineered to create an ultimate seal and ideal connection between the implant and abutment with built-in platform switching, reducing micro-movements.

● **Micro-thread design**

Preserves marginal bone, reduces cortical stress and improves load distributions.

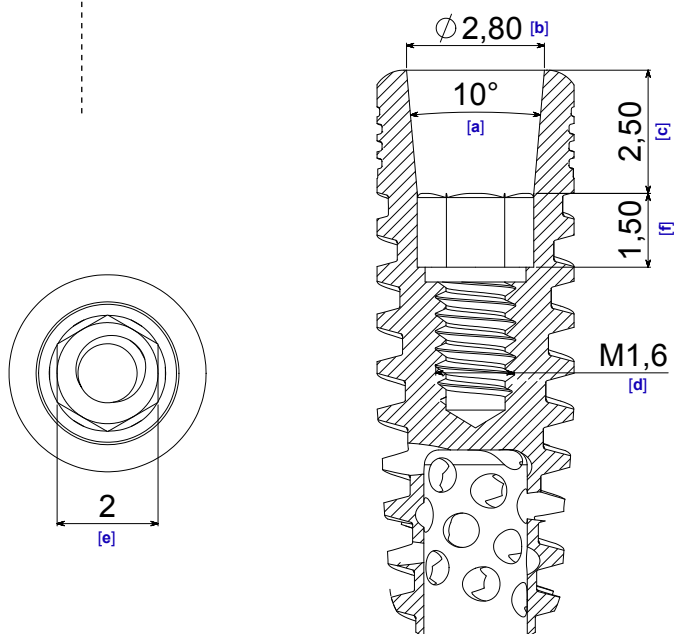
● **Build-in Platform Switching**

Prevent crestal bone loss, which is fundamental for long-term success and stability. It increases the volume of soft tissue around the implant platform, helping to improve the aesthetic final.

● **Prosthetic simplicity for an esthetic result!**

The Biomorse Implant line offers a unique prosthetic connection for all diameters of implants simplifying the prosthetic planning process. While there are multiple diameters of implants to meet your clinical needs, there is one connection size for simplicity and ease of ordering.

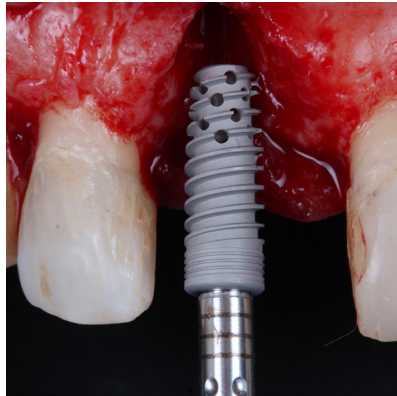
general characteristics



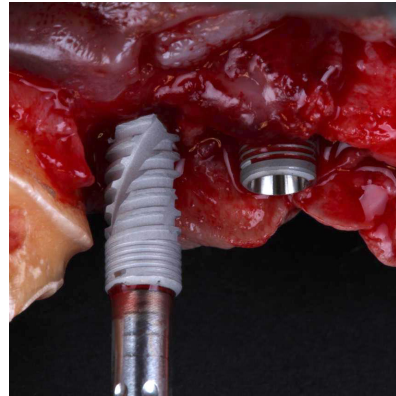
conical.

connection

biomorse.swe



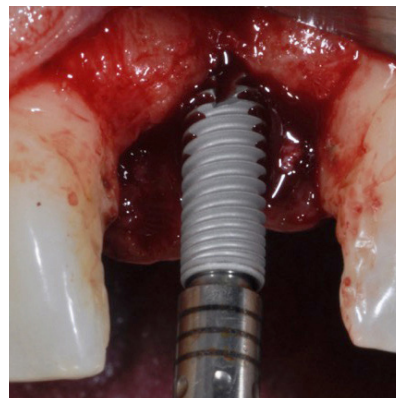
biomorse.ez

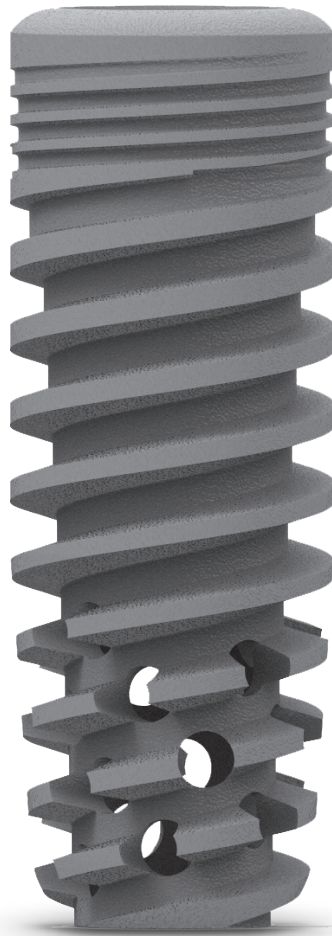


biomorse.xp



biomorse.





biomorse.swe

by

Christian.Brånemark
Ulf.Nannmark

Acts as the last drill: When installing the implant, the implant tip cuts the bone precisely and without heating;
Vital Bone chips are collected in the implant tip "basket" which is confirmed by CBCT (Cone beam);
Less torque is required during insertion thanks to the implant's superior self-tapping capacity.;

- Double lead thread: quick insertion to reduce surgical time;
- Trapezoidal threads design: provides high primary stability;
- Optimised morphology;
- Micro-thread: provides high primary stability;
- Recommend the installation of bone-level or infra-bone;
- Ideal in conditions of spongy bone (D3-D4) and permit to condense it.
- Suitable for all procedures.;
- Included Cover Screw;
- **UNIQUE** prosthetic interface for all implants diameter;
- Surface.treatment SUPEX [**double acid attack**]

Maximum torque for implant placement: **45Ncm**.

Drilling speed **800 1200 rpm**;

Implant insertion speed: **30 rpm**.

sequence. drill

Drilling speed [RPM]	800 1000	800 1000	800 1000	800 1000	800 1000	800 1000	800 1000
Drills	Lance #2,2 5088	Helicoidal #2,2 5073	Conical #2,8 5084	Conical #3,2 5085	Conical #3,6 5096	Conical #4,0 5116	Conical #4,4 5097

Bone type I and II

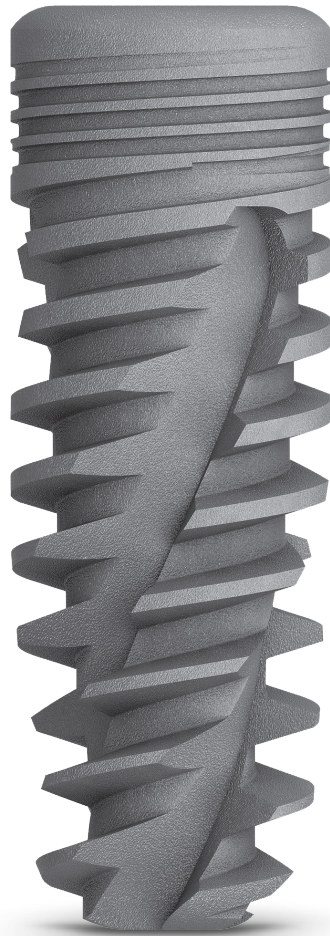


Implants	3,5	3,5	3,5	3,5	4,0	4,0	4,0
Diameter	4,0	4,0	4,0	4,0	5,0	5,0	5,0
	5,0	5,0	5,0	5,0			

Bone type III and IV



Implants	3,5	3,5	3,5	4,0	4,0	5,0	
Diameter	4,0	4,0	4,0	5,0	5,0		
	5,0	5,0	5,0				



biomorse.ez

-
- Double lead thread: quick insertion to reduce surgical time;
 - Cervical taper to reduce compressive tension on the bone;
 - Micro-thread: provides high primary stability;
 - Counterclockwise cutting chamber, increased density and stability of the connection between bone and implant
 - Blade shaped apex thread (self-tapping)
 - Recommend the installation of bone-level or infra-bone;
 - Indicated for bone types III and IV and implant immediate placement post-extraction;
 - Included Cover Screw;
 - **UNIQUE** prosthetic interface for all implants diameter;
 - Surface.treatment SUPEX [**double acid attack**]

Maximum torque for implant placement: **45Ncm**.

Drilling speed **800 1200 rpm**;

Implant insertion speed: **30 rpm**.

sequence. drill

Drilling speed [RPM]	800 1000	800 1000	800 1000	800 1000	800 1000	800 1000	800 1000
Drills	Lance #2,2 5088	Helicoidal #2,2 5073	Conical #2,8 5084	Conical #3,2 5085	Conical #3,6 5096	Conical #4,0 5116	Conical #4,4 5097

Bone type III and IV



Implants	3,5	3,5	3,5	4,0	5,0	5,0	5,0
Diameter	4,0	4,0	4,0	4,0	5,0	5,0	5,0
	5,0	5,0	5,0	5,0			



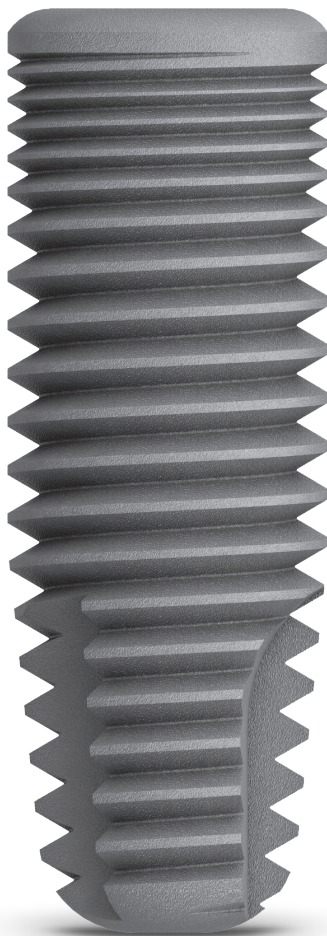
biomorse.**xp**

- Cylinder body implant with Morse Taper interface;
- Cervical Diameter equal to implant body diameter;
- Dual thread [faster installation with less trauma];
- High compacting power [Bone expansion];
- Recommended for different types of bone according to the standard drilling;
- Included Cover Screw;
- UNIQUE prosthetic interface for all implants diameter;
- Surface treatment SUPEX [**double acid attack**]

Maximum torque for implant placement: **45Ncm**.

Drilling speed **800 1200 rpm**;

Implant insertion speed: **30 rpm**.



biomorse.

-
- Cylinder body implant with Morse Taper interface;
 - Cervical Diameter equal to implant body diameter;
 - Recommended for bone types: I, II , III and IV according to the standard drilling;
 - Indicated for post-extraction;
 - Recommend the installation of bone-level or infra-bone;
 - Included Cover Screw;
 - UNIQUE prosthetic interface for all implants diameter;
 - Surface.treatment SUPEX [**double acid attack**]

Maximum torque for implant placement: **45Ncm**.

Drilling speed **800 1200 rpm**;

Implant insertion speed: **30 rpm**.



-
- Cylinder body implant with Morse Taper interface;
 - Cervical Diameter equal to implant body diameter;
 - Recommended for bone types: I, II , III and IV according to the standard drilling;
 - Recommend the installation of bone-level or infra-bone;
 - Included Cover Screw;
 - UNIQUE prosthetic interface for all implants diameter;
 - Surface.treatment SUPEX [**double acid attack**]

*Maximum torque for implant placement: **45Ncm.***

*Drilling speed **800 1200 rpm;***

*Implant insertion speed: **30 rpm.***

sequence. drill

Drilling speed [RPM]	800 1000	800 1000	800 1000	800 1000	800 1000
Drills	Lance #2,2 5088	Helicoidal #2,2 5073	Conical #2,8 5084	Conical #3,2 5085	Conical #3,6 5096

Bone type I and II



Implants Diameter	3,5 4,0	3,5 4,0	3,5 4,0	3,5 4,0	4,0
-----------------------------	------------	------------	------------	------------	-----

Bone type III and IV



Implants Diameter	3,5 4,0	3,5 4,0	3,5 4,0	4,0
-----------------------------	------------	------------	------------	-----

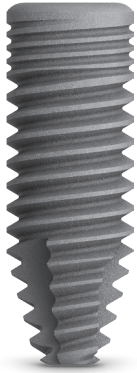
code implants



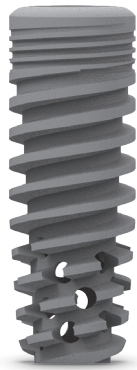
1632	Implant Conic BioMORSE	3,5 x 8,5 mm
1633	Implant Conic BioMORSE	3,5 x 10,0 mm
1634	Implant Conic BioMORSE	3,5 x 11,5 mm
1635	Implant Conic BioMORSE	3,5 x 13,0 mm
1636	Implant Conic BioMORSE	3,5 x 15,0 mm
1642	Implant Conic BioMORSE	4,0 x 8,5 mm
1643	Implant Conic BioMORSE	4,0 x 10,0 mm
1644	Implant Conic BioMORSE	4,0 x 11,5 mm
1645	Implant Conic BioMORSE	4,0 x 13,0 mm
1646	Implant Conic BioMORSE	4,0 x 15,0 mm
1663	Implant Conic BioMORSE	5,0 x 8,5 mm
1664	Implant Conic BioMORSE	5,0 x 10,0 mm
1665	Implant Conic BioMORSE	5,0 x 11,5 mm
1666	Implant Conic BioMORSE	5,0 x 13,0 mm
1667	Implant Conic BioMORSE	5,0 x 15,0 mm



1693	Implant Conic BioMORSE EZ	3,5 x 8,5 mm
1694	Implant Conic BioMORSE EZ	3,5 x 10,0 mm
1695	Implant Conic BioMORSE EZ	3,5 x 11,5 mm
1696	Implant Conic BioMORSE EZ	3,5 x 13,0 mm
1697	Implant Conic BioMORSE EZ	3,5 x 15,0 mm
1698	Implant Conic BioMORSE EZ	4,0 x 8,5 mm
1699	Implant Conic BioMORSE EZ	4,0 x 10,0 mm
1700	Implant Conic BioMORSE EZ	4,0 x 11,5 mm
1701	Implant Conic BioMORSE EZ	4,0 x 13,0 mm
1702	Implant Conic BioMORSE EZ	4,0 x 15,0 mm
1705	Implant Conic BioMORSE EZ	5,0 x 8,5 mm
1706	Implant Conic BioMORSE EZ	5,0 x 10,0 mm
1707	Implant Conic BioMORSE EZ	5,0 x 11,5 mm
1708	Implant Conic BioMORSE EZ	5,0 x 13,0 mm
1709	Implant Conic BioMORSE EZ	5,0 x 15,0 mm



1725	Implant Conic BioMORSE XP	3,5 x 8,5 mm
1726	Implant Conic BioMORSE XP	3,5 x 10,0 mm
1727	Implant Conic BioMORSE XP	3,5 x 11,5 mm
1728	Implant Conic BioMORSE XP	3,5 x 13,0 mm
1729	Implant Conic BioMORSE XP	3,5 x 15,0 mm
1733	Implant Conic BioMORSE XP	4,0 x 8,5 mm
1734	Implant Conic BioMORSE XP	4,0 x 10,0 mm
1735	Implant Conic BioMORSE XP	4,0 x 11,5 mm
1736	Implant Conic BioMORSE XP	4,0 x 13,0 mm
1737	Implant Conic BioMORSE XP	4,0 x 15,0 mm
1741	Implant Conic BioMORSE XP	5,0 x 8,5 mm
1742	Implant Conic BioMORSE XP	5,0 x 10,0 mm
1743	Implant Conic BioMORSE XP	5,0 x 11,5 mm
1744	Implant Conic BioMORSE XP	5,0 x 13,0 mm
1745	Implant Conic BioMORSE XP	5,0 x 15,0 mm



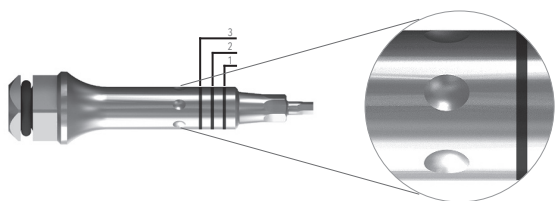
011019	Implant BioMORSE SWE	3,5 x 8,5 mm
011020	Implant BioMORSE SWE	3,5 x 10,0 mm
011021	Implant BioMORSE SWE	3,5x 11,5 mm
011022	Implant BioMORSE SWE	3,5 x 13,0 mm
011025	Implant BioMORSE SWE	4,0 x 8,5 mm
011026	Implant BioMORSE SWE	4,0 x 10,0 mm
011027	Implant BioMORSE SWE	4,0 x 11,5 mm
011028	Implant BioMORSE SWE	4,0 x 13,0 mm
011031	Implant BioMORSE SWE	5,0 x 8,5 mm
011032	Implant BioMORSE SWE	5,0 x 10,0 mm
011033	Implant BioMORSE SWE	5,0 x 11,5 mm
011034	Implant BioMORSE SWE	5,0 x 13,0 mm



1819	Implant BioMORSE CL EZ	3,5 x 7,0 mm
1827	Implant BioMORSE CL EZ	4,0 x 7,0 mm

insertion. tools

Installation driver have six marks that coincide with the six flat sides of the implant's hex prosthetic index. Upon Installation, one of the driver marks should be in the vestibular position, in order to streamline the later prosthetic procedure position, in order to streamline the later prosthetic procedure.



ratchet insertion



Short
13135

Long
13136

motor insertion tool



Short
13138

Long
13139

general characteristics



Restoration CAD/CAM [Digital]

Our digital **BioMORSE** line offers a wide range of restoration products, enabling both dentists and laboratories to embrace digitalization to design and manufacture esthetic and durable restorations.



Restoration Cemented-Retained

Our cement-retained restoration line includes straight, angled or casting abutments for customization. Abutments are provided in numerous designs to support all restoration needs.



Restoration Overdenture

Our overdenture restoration line is with ball attachment. The **BioMORSE** O'ring abutments allows for various gingival heights and provide an excellent, intuitive and easy solution.



Restoration Screw-Retained

Our advanced screw-retained restoration line features providing the optimal solution for restoration on straight or tilted implants. Our **BioMORSE** line supports various clinical situations from a single tooth, partial or a full edentulous jaw.

index. abutments



The **Biomorse** "Index" line of abutments include at the end of the cone a hexagon that allows for positioning the prosthesis in the implant (prosthetic indexing), adding even more versatility to the Biomorse line.

screws. prosthetic

Mini Conical Abutment



 **07027**

BioMORSE Titanium Abutment



0,0 mm	07400
0,8 mm	
1,5 mm	07402
2,0 mm	07403
3,0 mm	07404
4,0 mm	07405

Universal Abutment

Straight



0,0 mm	07432
0,8 mm	
1,5 mm	07434
2,0 mm	07435
3,0 mm	07436
4,0 mm	07437

Universal Abutment

Angled



1,5 mm	07440
2,5 mm	07441
3,5 mm	07442

restoration. digital



Scan Posts

Are made in PEEK, an opaque polymer that eliminates the need for any type of opaquing spray. *Scanbodies are essential for the digitization of models or for intraoral scans.*



Ti Base abutments are Titanium base abutments for a wide range of individualized solutions and greater compatibility to specific site requirements. Ti-Base abutments are available only for conical connection BioMORSE;

*Screw or Cemented retained;
Attachement screw included*



Scan Body Ti Base

8054



Scan post anti-rotation
BioMORSE

8053



Ti Base **BioMORSE**

6777
∅ 3,5 x 1,5 mm



6778
∅ 3,5 x 3,0 mm



Digital model analog
BioMORSE

9023 ∅ 3,5

9024 ∅ 4,0

9025 ∅ 5,0



Digital model analog
Mini Conical Abutment

9030



Scan Body

Mini Conical Abutment

8056

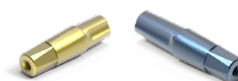


Anti-Rotation

8057



Free-Rotation



Digital model analog
Universal Abutment

9026 ∅ 3,5 x 4,0 mm

9027 ∅ 3,5 x 6,0 mm

9028 ∅ 4,5 x 4,0 mm

9029 ∅ 4,5 x 6,0 mm

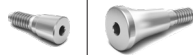



exocad

3shape




solution. prosthetic



0.9 mm Hex 

Cover
Screw

Healing
Abutment

 1.2 mm Hex

Impression Coping







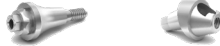











Open tray



Closed tray

Analog



<p>Overdenture O'Ring Abutment</p> 	<p>Titanium Abutment</p> 	<p>Cement-retained Universal Abutment</p> 	<p>Screw-retained single-unit CoCr Abutment</p> 	<p>Screw-retained single / multiple unit Mini Conical Abutment</p> 
<p>Castable O-Ring Ball</p> 		<p>Burn-out Coping</p> 		<p>Impression Coping</p> 
<p>Ball Attachment Direct</p> 		<p>Impression Coping</p> 		<p>Analog</p> 
<p>Domed Housing</p> 		<p>Analog</p> 		<p>Protection Cylinder</p> 
<p>Retention O'Ring</p> 				<p>Coping</p>  <p>Plastic CoCr Titanium</p>

Height Measurer **BioMORSE**
13259





cover.screw

healing.abutment

2,0 mm **3009**

0,0 mm **4034** **4042**

0,8 mm **4035** **4043**

1,5 mm **4036** **4044**

2,0 mm **4037** **4045**

3,0 mm **4038** **4046**

4,0 mm **4039** **4047**

analog.



impression.coping

∅ 3,5 mm **9015**

Open tray **8037** Closed tray **8038**

∅ 4,0 mm **9016**

∅ 3,5 mm **8049** **8050**

∅ 5,0 mm **9021**

∅ 4,0 mm **8047** **8048**

restoration. overdenture



abutment.o'ring

0,0 mm **6652**

0,8 mm **6653**

1,5 mm **6654**

2,0 mm **6655**

3,0 mm **6656**

4,0 mm **6657**



Domed Housing

12003



O-Ring Retention

12004



Castable O-Ring Ball

12005



restoration. cemented-retained



abutment.universal

	Ø 3,5 mm	Ø 4,5 mm		Ø 3,5 mm	Ø 4,5 mm
0,0 mm	6692	6708		1,5 mm	6727 6739
0,8 mm	6693	6709	18°	2,5 mm	6728 6740
1,5 mm	6694	6710		3,5 mm	6729 6741
2,0 mm	6695	6711		1,5 mm	6751 6763
3,0 mm	6696	6712	30°	2,5 mm	6752 6764
4,0 mm	6697	6713		3,5 mm	6753 6765



analog.

	Ø 3,5 mm	Ø 4,5 mm
4,0 mm	9017	9018
6,0 mm	9019	9020



impression.coping

	Ø 3,5 mm	Ø 4,5 mm
4,0 mm	8043	8045
6,0 mm	8044	8046



burn-out.coping

	Ø 3,5 mm	Ø 4,5 mm
4,0 mm	12010	12014
6,0 mm	12012	12016

Height of the coronary: ● 4,00 mm ● 6,00 mm

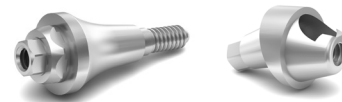
restoration. temporary



abutment.titanium

	Ø 3,5 mm	Ø 4,5 mm	
0,0 mm	6524	6540	
0,8 mm	6525	6541	
1,5 mm	6526	6542	Hex screw with index
2,0 mm	6527	6543	
3,0 mm	6528	6544	
4,0 mm	6529	6545	

restoration. screw-retained



abutment.mini conical

straight		angled	
0,0 mm	6470	17°	1,5 mm 6613
0,8 mm	6374		2,5 mm 6614
1,5 mm	6375		3,5 mm 6616
2,0 mm	6376		1,5 mm 6621
3,0 mm	6377	30°	2,5 mm 6622
4,0 mm	6378		3,5 mm 6624



analog.

9012



impression.coping

Open tray

Closed tray



8024



8025



8026



8027



healing.cap

12007



screw.



7027

coping.



plasticj



11031



11029



coCr



11026



11025



titanium



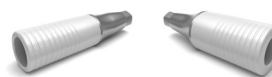
10040



10039

abutment.cocr

	Ø 3,5 mm	Ø 4,5 mm	
0,0 mm	6548	6580	
0,8 mm	6549	6581	
1,5 mm	6550	6582	Hex screw with index
2,0 mm	6551	6583	
3,0 mm	6552	6584	
4,0 mm	6553	6585	



products. reference

3009	Cover Screw BioMORSE 2,00 mm
4034	Healing Abutment BioMORSE 3,5 x 0,0 mm
4035	Healing Abutment BioMORSE 3,5 x 0,8 mm
4036	Healing Abutment BioMORSE 3,5 x 1,5 mm
4037	Healing Abutment BioMORSE 3,5 x 2,0 mm
4038	Healing Abutment BioMORSE 3,5 x 3,0 mm
4039	Healing Abutment BioMORSE 3,5 x 4,0 mm
4042	Healing Abutment BioMORSE 4,5 x 0,0 mm
4043	Healing Abutment BioMORSE 4,5 x 0,8 mm
4044	Healing Abutment BioMORSE 4,5 x 1,5 mm
4045	Healing Abutment BioMORSE 4,5 x 2,0 mm
4046	Healing Abutment BioMORSE 4,5 x 3,0 mm
4047	Healing Abutment BioMORSE 4,5 x 4,0 mm
6548	CoCr Abutment BioMORSE 3,5 x 0,0 mm <i>Index</i>
6549	CoCr Abutment BioMORSE 3,5 x 0,8 mm <i>Index</i>
6550	CoCr Abutment BioMORSE 3,5 x 1,5 mm <i>Index</i>
6551	CoCr Abutment BioMORSE 3,5 x 2,0 mm <i>Index</i>
6552	CoCr Abutment BioMORSE 3,5 x 3,0 mm <i>Index</i>
6553	CoCr Abutment BioMORSE 3,5 x 4,0 mm <i>Index</i>
6580	CoCr Abutment BioMORSE 4,5 x 0,0 mm <i>Index</i>
6581	CoCr Abutment BioMORSE 4,5 x 0,8 mm <i>Index</i>
6582	CoCr Abutment BioMORSE 4,5 x 1,5 mm <i>Index</i>
6583	CoCr Abutment BioMORSE 4,5 x 2,0 mm <i>Index</i>
6584	CoCr Abutment BioMORSE 4,5 x 3,0 mm <i>Index</i>
6585	CoCr Abutment BioMORSE 4,5 x 4,0 mm <i>Index</i>
6524	Titanium Abutment BioMORSE 3,5 x 0,0 mm <i>Index</i>
6525	Titanium Abutment BioMORSE 3,5 x 0,8 mm <i>Index</i>
6526	Titanium Abutment BioMORSE 3,5 x 1,5 mm <i>Index</i>
6527	Titanium Abutment BioMORSE 3,5 x 2,0 mm <i>Index</i>
6528	Titanium Abutment BioMORSE 3,5 x 3,0 mm <i>Index</i>



6529	Titanium Abutment BioMORSE 3,5 x 4,0 mm <i>Index</i>
6540	Titanium Abutment BioMORSE 4,5 x 0,0 mm <i>Index</i>
6541	Titanium Abutment BioMORSE 4,5 x 0,8 mm <i>Index</i>
6542	Titanium Abutment BioMORSE 4,5 x 1,5 mm <i>Index</i>
6543	Titanium Abutment BioMORSE 4,5 x 2,0 mm <i>Index</i>
6544	Titanium Abutment BioMORSE 4,5 x 3,0 mm <i>Index</i>
6545	Titanium Abutment BioMORSE 4,5 x 4,0 mm <i>Index</i>
<hr/>	
6692	Universal Abutment BioMORSE 3,5 x 0,0 x 6,0 mm <i>Index</i>
6693	Universal Abutment BioMORSE 3,5 x 0,8 x 6,0 mm <i>Index</i>
6694	Universal Abutment BioMORSE 3,5 x 1,5 x 6,0 mm <i>Index</i>
6695	Universal Abutment BioMORSE 3,5 x 2,0 x 6,0 mm <i>Index</i>
6696	Universal Abutment BioMORSE 3,5 x 3,0 x 6,0 mm <i>Index</i>
6697	Universal Abutment BioMORSE 3,5 x 4,0 x 6,0 mm <i>Index</i>
6708	Universal Abutment BioMORSE 4,5 x 0,0 x 6,0 mm <i>Index</i>
6709	Universal Abutment BioMORSE 4,5 x 0,8 x 6,0 mm <i>Index</i>
6710	Universal Abutment BioMORSE 4,5 x 1,5 x 6,0 mm <i>Index</i>
6711	Universal Abutment BioMORSE 4,5 x 2,0 x 6,0 mm <i>Index</i>
6712	Universal Abutment BioMORSE 4,5 x 3,0 x 6,0 mm <i>Index</i>
6713	Universal Abutment BioMORSE 4,5 x 4,0 x 6,0 mm <i>Index</i>
6727	Universal Abutment Angled BioMORSE 18° - 3,5 x 1,5 x 6,0 mm <i>Index</i>
6728	Universal Abutment Angled BioMORSE 18° - 3,5 x 2,5 x 6,0 mm <i>Index</i>
6729	Universal Abutment Angled BioMORSE 18° - 3,5 x 3,5 x 6,0 mm <i>Index</i>
6751	Universal Abutment Angled BioMORSE 30° - 3,5 x 1,5 x 6,0 mm <i>Index</i>
6752	Universal Abutment Angled BioMORSE 30° - 3,5 x 2,5 x 6,0 mm <i>Index</i>
6753	Universal Abutment Angled BioMORSE 30° - 3,5 x 3,5 x 6,0 mm <i>Index</i>
6739	Universal Abutment Angled BioMORSE 18° - 4,5 x 1,5 x 6,0 mm <i>Index</i>
6740	Universal Abutment Angled BioMORSE 18° - 4,5 x 2,5 x 6,0 mm <i>Index</i>
6741	Universal Abutment Angled BioMORSE 18° - 4,5 x 3,5 x 6,0 mm <i>Index</i>
6763	Universal Abutment Angled BioMORSE 30° - 4,5 x 1,5 x 6,0 mm <i>Index</i>
6764	Universal Abutment Angled BioMORSE 30° - 4,5 x 2,5 x 6,0 mm <i>Index</i>
6765	Universal Abutment Angled BioMORSE 30° - 4,5 x 3,5 x 6,0 mm <i>Index</i>
<hr/>	
6470	Mini Conical Abutment BioMORSE 0,0 mm
6374	Mini Conical Abutment BioMORSE 0,8 mm
6375	Mini Conical Abutment BioMORSE 1,5 mm
6376	Mini Conical Abutment BioMORSE 2,0 mm

6377 Mini Conical Abutment **BioMORSE** 3,0 mm
6378 Mini Conical Abutment **BioMORSE** 4,0 mm
6613 Angled Mini Conical Abutment **BioMORSE** 0,8 mm x 17°
6614 Angled Mini Conical Abutment **BioMORSE** 1,5 mm x 17°
6616 Angled Mini Conical Abutment **BioMORSE** 3,0 mm x 17°
6621 Angled Mini Conical Abutment **BioMORSE** 0,8 mm x 30°
6622 Angled Mini Conical Abutment **BioMORSE** 1,5 mm x 30°
6624 Angled Mini Conical Abutment **BioMORSE** 3,0 mm x 30°

6652 O'ring Abutment **BioMORSE** 0 mm
6653 O'ring Abutment **BioMORSE** 0,8 mm
6654 O'ring Abutment **BioMORSE** 1,5 mm
6655 O'ring Abutment **BioMORSE** 2,0 mm
6656 O'ring Abutment **BioMORSE** 3,0 mm
6657 O'ring Abutment **BioMORSE** 4,0 mm

7027 Screw for Mini Conical Abutment **BioMORSE** | **BioDIRECT**
7400 Abutment Screw **BioMORSE** 0,0 - 0,8 mm
7402 Abutment Screw **BioMORSE** 1,5 mm
7403 Abutment Screw **BioMORSE** 2,0 mm
7404 Abutment Screw **BioMORSE** 3,0 mm
7405 Abutment Screw **BioMORSE** 4,0 mm
7432 Universal Abutment Screw **BioMORSE** 0,0 - 0,8 mm
7434 Universal Abutment Screw **BioMORSE** 1,5 mm
7435 Universal Abutment Screw **BioMORSE** 2,0 mm
7436 Universal Abutment Screw **BioMORSE** 3,0 mm
7437 Universal Abutment Screw **BioMORSE** 4,0 mm
7440 Universal Abutment Screw Angled **BioMORSE** 1,5 mm
7441 Universal Abutment Screw Angled **BioMORSE** 2,5 mm
7442 Universal Abutment Screw Angled **BioMORSE** 3,5 mm

8024 Implant Impression Coping **BioMORSE** | **BioDIRECT** | *Open Tray* | *Hexed*
8025 Implant Impression Coping **BioMORSE** | **BioDIRECT** | *Closed Tray* | *Hexed*
8026 Implant Impression Coping **BioMORSE** | **BioDIRECT** | *Open Tray* | *Non Hexed*
8027 Implant Impression Coping **BioMORSE** | **BioDIRECT** | *Closed Tray* | *Non Hexed*
8037 Implant Impression Coping **BioMORSE** Ø 3,5 mm | *Open Tray* |
8038 Implant Impression Coping **BioMORSE** Ø 3,5 mm | *Closed Tray* |
8043 Universal Abutment Impression Coping **BioMORSE** 3,5 x 4,0 mm

8044	Universal Abutment Impression Coping BioMORSE 3,5 x 6,0 mm
8045	Universal Abutment Impression Coping BioMORSE 4,5 x 4,0 mm
8046	Universal Abutment Impression Coping BioMORSE 4,5 x 6,0 mm
8047	Implant Impression Coping BioMORSE Ø 5,0 mm <i>Open Tray I</i>
8048	Implant Impression Coping BioMORSE Ø 5,0 mm <i>Closed Tray I</i>
8049	Implant Impression Coping BioMORSE Ø 4,0 mm <i>Open Tray I</i>
8050	Implant Impression Coping BioMORSE Ø 4,0 mm <i>Closed Tray I</i>
9012	Analog Mini Conical Abutment BioMORSE BioDIRECT
9015	Implant Analog BioMORSE Ø 3,5
9016	Implant Analog BioMORSE Ø 4,0
9017	Universal Abutment Analog BioMORSE Ø 3,5 x 4,00 mm
9018	Universal Abutment Analog BioMORSE Ø 4,5 x 4,00 mm
9019	Universal Abutment Analog BioMORSE Ø 3,5 x 6,00 mm
9020	Universal Abutment Analog BioMORSE Ø 4,5 x 6,00 mm
9021	Implant Analog BioMORSE Ø 5,0
10039	Temporary Cylinder for Mini Conical Abutment BioMORSE BioDIRECT <i>Hexed</i>
10040	Temporary Cylinder for Mini Conical Abutment BioMORSE BioDIRECT <i>Non Hexed</i>
11025	Castable Cylinder COCR Mini Conical Abutment BioMORSE BioDIRECT <i>Hexed</i>
11026	Castable Cylinder COCR Mini Conical Abutment BioMORSE BioDIRECT <i>Non Hexed</i>
11029	Castable Coping for Mini Conical Abutment BioMORSE BioDIRECT <i>Hexed</i>
11031	Castable Coping for Mini Conical Abutment BioMORSE BioDIRECT <i>Non Hexed</i>
12003	Domed Housing (O-Ring)
12004	O-Ring Abutment Retention Ring (2 pieces)
12005	Castable O-Ring Ball
12007	Mini Conical Abutment Healing Cap
12010	Universal Abutment Burn-out Coping BioMORSE 3,5 x 4,0
12012	Universal Abutment Burn-out Coping BioMORSE 3,5 x 6,0
12014	Universal Abutment Burn-out Coping BioMORSE 4,5 x 4,0
12016	Universal Abutment Burn-out Coping BioMORSE 4,5 x 6,0
13135	Implant Driver - Torque Wrench BioMORSE Short
13136	Implant Driver - Torque Wrench BioMORSE Long
13138	Implant Driver - Contra-Angle BioMORSE Short
13139	Implant Driver - Contra-Angle BioMORSE Long
13259	Height Measurer BioMORSE

6777	Ti Base BioMORSE 3,5 x 1,5 mm
6778	Ti Base BioMORSE 3,5 x 3,0 mm
8053	BioMORSE Implant Scanbody
8054	Scan Body Ti Base BioMORSE 3,5 mm
8056	Scan Body Mini Conical Abutment <i>Non Hexed</i>
8057	Scan Body Mini Conical Abutment <i>Hexed</i>
9023	Digital Analog Implant BioMORSE 3,5 mm
9024	Digital Analog Implant BioMORSE 4,0 mm
9025	Digital Analog Implant BioMORSE 5,0 mm
9026	Digital Analog Universal Abutment 3,5 x 4,0 mm
9027	Digital Analog Universal Abutment 3,5 x 6,0 mm
9028	Digital Analog Universal Abutment 4,5 x 4,0 mm
9029	Digital Analog Universal Abutment 4,5 x 6,0 mm
9030	Digital Analog Mini Conical Abutment

Check our
instructions for use



Monitor
Osseointegration



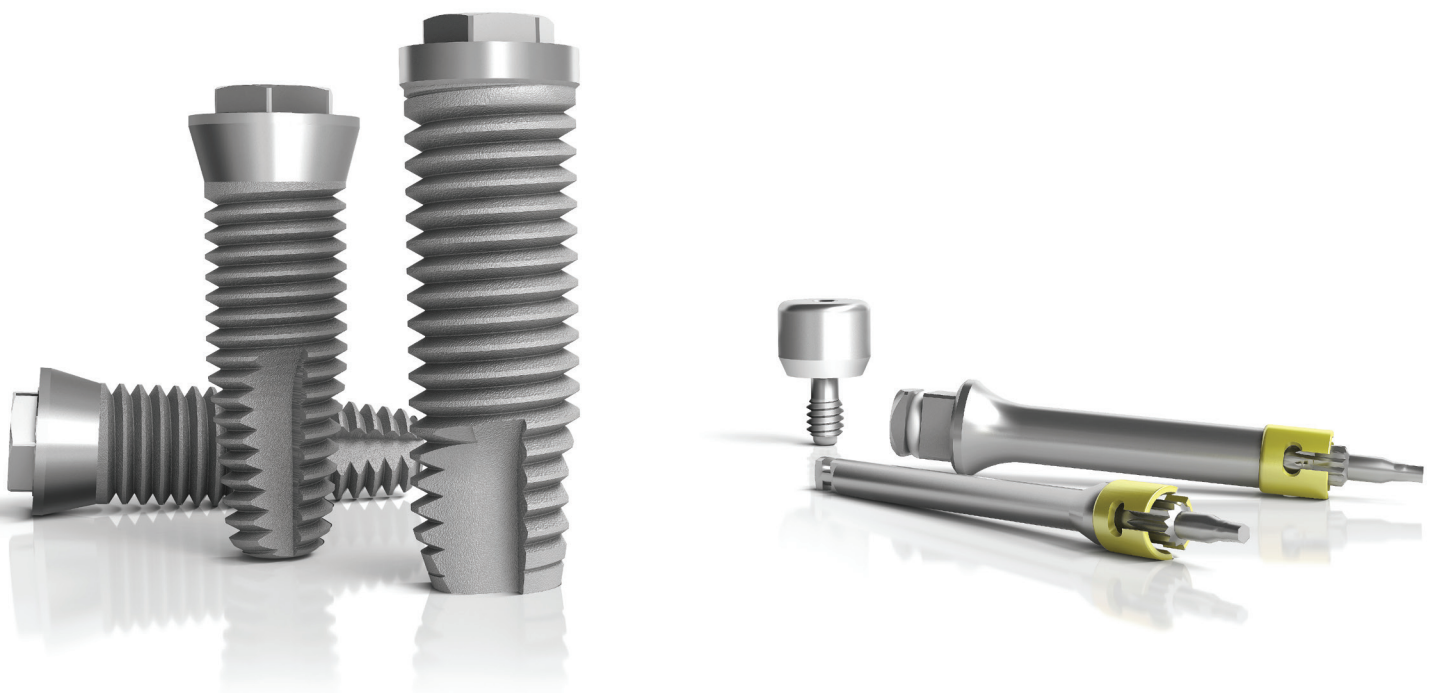
	Multipeg	No	Type
BioMORSE		55023	14

ISQ (Implant Stability Quotient) implant stability measurement.

Biodirect Implants.

A classic that offers **versatility** and **safety**. Capture and Installation performed by means of Bionnovation TD wrenches (Torque Wrench and Contra-Angle) without using the assembler. The Bionnovation TD wrenches were mechanically developed with the purpose of preserving the implant external hexagon when high torques are applied. They are fitted with 0,9 mm ends, which allow the Cover Screw to be installed. **Making life easier for the professional.**

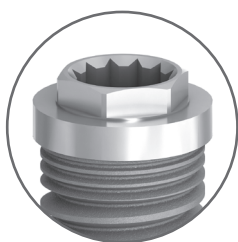
The BioDIRECT interface is based on the classic external hexagon connection developed by Dr. Per-Ingvar Branemark





biodirect.

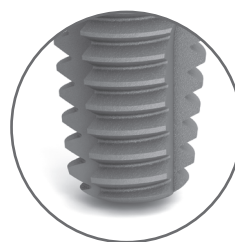
- Apex taper cylindrical body implant;
- Recommended for bone types: I, II, III and IV according to the standard drilling;
- Indicated for post-extraction;
- Included Cover Screw;
- UNIQUE prosthetic interface for all implants diameter [Branemark system];
- Surface treatment SUPEX [*double acid attack*]
- Body diameter **3,75 mm** and **4,0 mm** | prosthetic platform **4,10 mm**
- Maximum torque for implant placement **55Ncm**.



Prosthetic interface
4.10 mm



Implant body

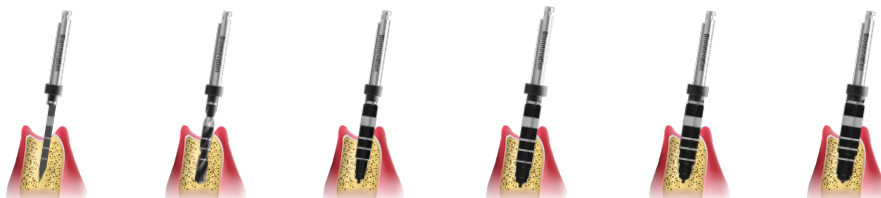


Rounded apex

sequence. drill

Drilling speed [RPM]	800 1000	800 1000	800 1000	800 1000	800 1000	800 1000
Drills	Lance #2,2 5088	Helicoidal #2,2 5073	Conical #2,8 5084	Conical #3,2 5085	Conical #3,6 5096	Conical #4,0 5116

Bone type I and II



Implants
Diameter

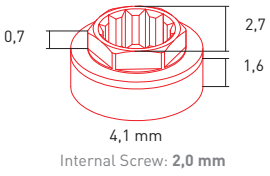
3,75 4,00	3,75 4,00	3,75 4,00	3,75 4,00	3,75 4,00	4,00 Opcional
--------------	--------------	--------------	--------------	--------------	------------------

Bone type III and IV



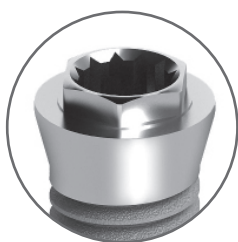
Implants
Diameter

3,75 4,00	3,75 4,00	3,75 4,00	3,75 4,00	4,00
--------------	--------------	--------------	--------------	------

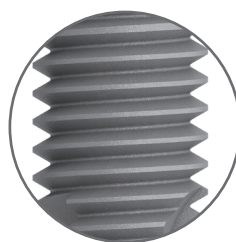


biodirect.3.3

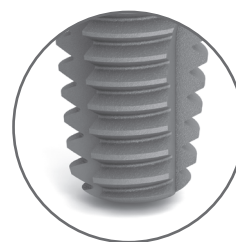
- Apex taper cylindrical body implant;
- Recommended for bone types: I, II, III and IV according to the standard drilling;
- Indicated for post-extraction;
- Included Cover Screw;
- UNIQUE prosthetic interface for all implants diameter [Branemark system];
- Surface treatment SUPEX [*double acid attack*]
- Body diameter **3,30 mm** | prosthetic platform **4,10 mm**
- Maximum torque for implant placement **55Ncm**.



Prosthetic interface
4.10 mm



Implant body

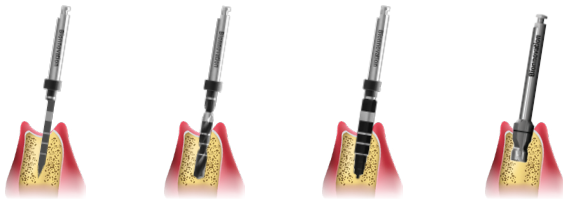


Rounded apex

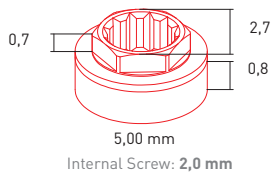
sequence. drill

Drilling speed [RPM]	800 1000	800 1000	800 1000	
Drills	Lance #2,2 5088	Helicoidal #2,2 5073	Conical #2,8 5084	Countersink SP/RP 5047

Bone type I, II, III and IV

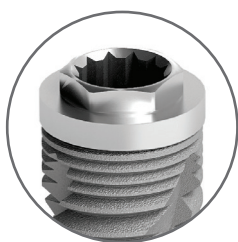


Implants Diameter	3,3	3,3	3,3	Optional
-----------------------------	-----	-----	-----	----------

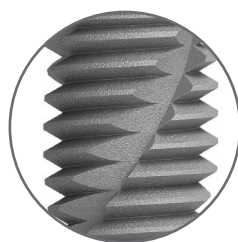


biodirect.5

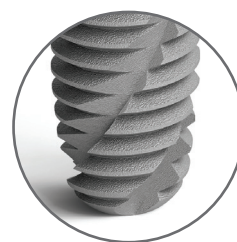
- Apex taper cylindrical body implant;
- Recommended for bone types: III and IV according to the standard drilling;
- Indicated for post-extraction;
- Included Cover Screw;
- UNIQUE prosthetic interface for all implants diameter [Branemark system];
- Surface treatment SUPEX [*double acid attack*]
- Body diameter **5,00 mm** | prosthetic platform **5,00 mm** | hexagon **2,70 mm** | internal screw **2,00 mm**
Standard Branemark
- Maximum torque for implant placement **55Ncm**.



Prosthetic interface
4.10 mm



Implant body



Rounded apex

products. reference



-
- 1276** Implant Conic **BioDIRECT** 3,30/4,10 X 10,0 mm
 - 1277** Implant Conic **BioDIRECT** 3,30/4,10 X 11,5 mm
 - 1278** Implant Conic **BioDIRECT** 3,30/4,10 X 13,0 mm
 - 1279** Implant Conic **BioDIRECT** 3,30/4,10 X 15,0 mm
-



- 1186** Implant Conic **BioDIRECT** 3,75 X 8,5 mm
 - 1173** Implant Conic **BioDIRECT** 3,75 X 10,0 mm
 - 1174** Implant Conic **BioDIRECT** 3,75 X 11,5 mm
 - 1175** Implant Conic **BioDIRECT** 3,75 X 13,0 mm
 - 1176** Implant Conic **BioDIRECT** 3,75 X 15,0 mm
 - 1189** Implant Conic **BioDIRECT** 4,00 X 8,50 mm
 - 1190** Implant Conic **BioDIRECT** 4,00 X 10,0 mm
 - 1191** Implant Conic **BioDIRECT** 4,00 X 11,5 mm
 - 1192** Implant Conic **BioDIRECT** 4,00 X 13,0 mm
 - 1193** Implant Conic **BioDIRECT** 4,00 X 15,0 mm
-



- 1196** Implant Conic **BioDIRECT** 5,00/5,00 X 8,50 mm - HEX 2,7 RP
 - 1197** Implant Conic **BioDIRECT** 5,00/5,00 X 10,0 mm - HEX 2,7 RP
 - 1198** Implant Conic **BioDIRECT** 5,00/5,00 X 11,5 mm - HEX 2,7 RP
 - 1199** Implant Conic **BioDIRECT** 5,00/5,00 X 13,0 mm - HEX 2,7 RP
-

- 1208** Implant Classic **BioDIRECT** RP 3,75 X 7,00 mm
 - 1215** Implant Classic **BioDIRECT** RP 4,00 X 7,00 mm
-

insertion. tools

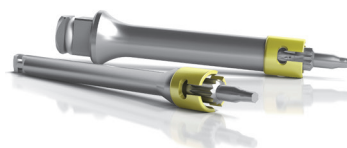
dodecagon driver [Implant drivers]

They are fitted with 0,9 mm ends, which allow the Cover Screw to be installed.

ratchet insertion

Short
13051

Long
13052



motor insertion tool

Short
13053

Long
13054

general characteristics



Restoration Cement-retained

Our cement-retained restoration line includes straight, angled or casting abutments for customization. Abutments are provided in numerous designs to support all restoration needs. Esthetic abutments [TiPrep] are gold-colored titanium nitride coating and are designed for high esthetic results.



Restoration Overdenture

Our overdenture restoration line is with ball attachment. O'ring abutments provide an excellent, intuitive and easy solution.



Restoration Screw-retained

Our advanced screw-retained restoration line features providing the optimal solution for restoration on straight or tilted implants. Our **BioMORSE** line supports various clinical situations from a single tooth, partial or a full edentulous jaw.



regular. platform



The **BioDIRECT** external hex connection utilizes the standard Branemark 2,7 mm wide and 0,7 mm tall hex connection making it fully compatible with the most widely used prosthetics standard. This connection is shared by all the system's implant designs: 3.3 mm, 3.75 mm, 4.0 mm and 5.0 mm.

recommended. torque

O'Ring Abutment	20 Ncm
CoCr Abutment screw [hex / square]	32 Ncm
Plastic I Titanium Abutment screw [hex / square]	32 Ncm
Mini conical Abutment screw [straight / angled]	20 Ncm
Mini conical coping screw [cod 7027]	12 Ncm
Healing abutments	10 Ncm
Cover screws	10 Ncm
Implant impression coping [open / closed tray]	Manual

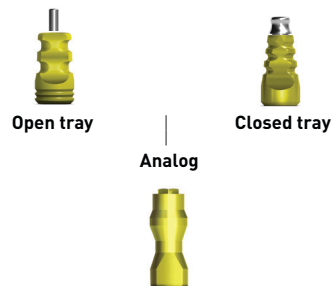
solution. prosthetic















0,9 mm Hex  Cover screw

Healing Abutment  1,2 mm Hex



Impression coping



<p>Temporary</p> <p>Titanium Abutment</p> 	<p>Overdenture</p> <p>O'Ring Abutment</p>  <hr/> <p>Castable O-Ring Ball</p>  <hr/> <p>Ball Attachment Direct</p>  <hr/> <p>Domed Housing</p>  <hr/> <p>Retention O'Ring</p> 	<p>Cementadas</p> <p>Pilar TiPrep</p> 	<p>Screw-retained</p> <p>UCLA Abutment</p> 	<p>Screw-retained</p> <p>CoCr Abutment</p> 	<p>Screw-retained single / multiple unit</p> <p>Mini Conical Abutment</p>  <hr/> <p>Impression coping</p>  <hr/> <p>Analog</p>  <hr/> <p>Protection Cylinder</p>  <hr/> <p>Coping</p>  <p>Plástico CoCr CoCr</p>
---	--	---	--	--	---





healing.**abutment**

con perfil	Ø 5,0 mm
3,0 mm	4009
4,0 mm	4010
5,0 mm	4011
6,0 mm	4012

analog.



9004



impression.**coping**

Open tray	Closed tray
8006	8007

restoration. **overdenture**

abutment.**o'ring**



1,0 mm	6068
2,0 mm	6069
3,0 mm	6070
4,0 mm	6071



Domed
Housing

12003



O-Ring
Retention

12004





Castable
O-Ring Ball

12005





screw.regular

-  7003
-  7042

restoration. cemented-retained



abutment.tiprep

	straight	angled	
2,0 mm	6009	6017	screw. hex
4,0 mm	6010	6018	

	straight	angulado	
2,0 mm	6104	6112	screw. square
4,0 mm	6105	6113	

restoration. temporary

abutment.titanium



-  10006
 -  10007
- screw.
hex

restoration. screw-retained



abutment.mini conical

straight		angled	
1,0 mm	6044	18°	2,0 mm 6235
2,0 mm	6045		
3,0 mm	6046	30°	4,0 mm 6236
4,0 mm	6047		



analog.

9012



impression.coping

Open tray



8024

8026

Closed tray



8025

8027



healing.cap

12007



screw.



7027

coping.



plastic



11031

11029



cocr



11026

11025



titanium



10040

10039

abutment.cocr

6158
 6159

screw.
hex

6170
 6171

screw.
square



abutment.ucla

screw. **6036**
hex **6037**

screw. **6120**
square **6121**



products. reference

4009	Healing Abutment BioDIRECT RP 3,0 x 5,0 mm
4010	Healing Abutment BioDIRECT RP 4,0 x 5,0 mm
4011	Healing Abutment BioDIRECT RP 5,0 x 5,0 mm
4012	Healing Abutment BioDIRECT RP 6,0 x 5,0 mm

6009	Tiprep Abutment BioDIRECT RP 2 mm
6010	Tiprep Abutment BioDIRECT RP 4 mm
6017	Angled Tiprep Abutment BioDIRECT RP 15° x 2 mm
6018	Angled Tiprep Abutment BioDIRECT RP 15° x 4 mm
6104	Tiprep Abutment BioDIRECT RP 2 mm Square Screw
6105	Tiprep Abutment BioDIRECT RP 4 mm Square Screw
6112	Angled Tiprep Abutment BioDIRECT RP 15° x 2 mm Square Screw
6113	Angled Tiprep Abutment BioDIRECT RP 15° x 4 mm Square Screw
6036	UCLA Abutments Plastic BioDIRECT RP Hexed
6037	UCLA Abutments Plastic BioDIRECT RP Non Hexed
6120	UCLA Abutments Plastic BioDIRECT RP Hexed Square Screw
6121	UCLA Abutments Plastic BioDIRECT RP Non Hexed Square Screw
6044	Mini Conical Abutment BioDIRECT RP 1 mm
6045	Mini Conical Abutment BioDIRECT RP 2 mm
6046	Mini Conical Abutment BioDIRECT RP 3 mm
6047	Mini Conical Abutment BioDIRECT RP 4 mm
6235	Angled Mini Conical Abutment BioDIRECT RP 18° x 2 mm
6236	Angled Mini Conical Abutment BioDIRECT RP 30° x 4 mm
6068	O'ring Abutment BioDIRECT RP 1 mm
6069	O'ring Abutment BioDIRECT RP 2 mm
6070	O'ring Abutment BioDIRECT RP 3 mm
6071	O'ring Abutment BioDIRECT RP 4 mm
6158	CoCr Abutment BioDIRECT RP Hexed
6159	CoCr Abutment BioDIRECT RP Non Hexed
6170	CoCr Abutment BioDIRECT RP Hexed Square Screw
6171	CoCr Abutment BioDIRECT RP Non Hexed Square Screw












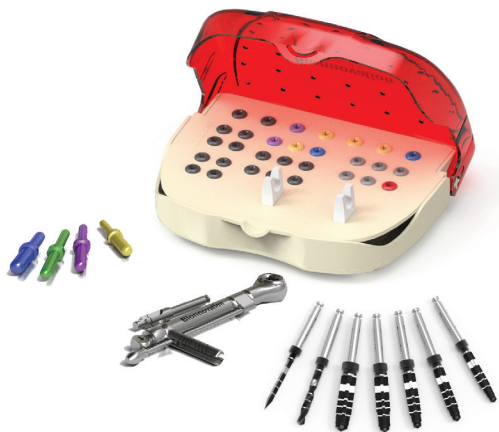
7003	Abutment Screw H.E. RP
7027	Screw for Mini Conical Abutment BioMORSE BioDIRECT
7042	Abutment Screw H.E. RP Square <i>Screw</i>
8006	Implant Impression Coping BioDIRECT RP <i>Open Tray</i>
8007	Implant Impression Coping BioDIRECT RP <i>Closed Tray</i>
8024	Implant Impression Coping BioMORSE BioDIRECT <i>Open Tray</i> <i>Hexed</i>
8025	Implant Impression Coping BioMORSE BioDIRECT <i>Closed Tray</i> <i>Hexed</i>
8026	Implant Impression Coping BioMORSE BioDIRECT <i>Open Tray</i> <i>Non Hexed</i>
8027	Implant Impression Coping BioMORSE BioDIRECT <i>Closed Tray</i> <i>Non Hexed</i>
9004	Implant Analog BioDIRECT RP
9012	Analog Mini Conical Abutment BioDIRECT BioMORSE
10006	Temporary Cylinder BioDIRECT RP <i>Hexed</i>
10007	Temporary Cylinder BioDIRECT RP <i>Non Hexed</i>
10039	Temporary Cylinder for Mini Conical Abutment BioMORSE BioDIRECT <i>Hexed</i>
10040	Temporary Cylinder for Mini Conical Abutment BioMORSE BioDIRECT <i>Non Hexed</i>
11025	Castable Cylinder COCR Mini Conical Abutment BioMORSE BioDIRECT <i>Hexed</i>
11026	Castable Cylinder COCR Mini Conical Abutment BioMORSE BioDIRECT <i>Non Hexed</i>
11029	Castable Coping for Mini Conical Abutment BioMORSE BioDIRECT <i>Hexed</i>
11031	Castable Coping for Mini Conical Abutment BioMORSE BioDIRECT <i>Non Hexed</i>
12003	Domed Housing (O-Ring)
12004	O-Ring Abutment Retention Ring (2 pieces)
12005	Castable O-Ring Ball
12007	Mini Conical Abutment Healing Cap
13051	Implant Driver - Torque Wrench BioDIRECT Short
13052	Implant Driver - Torque Wrench BioDIRECT Long
13053	Implant Driver - Contra-Angle BioDIRECT Short
13054	Implant Driver - Contra-Angle BioDIRECT Long





13023
kit.prosthetic

13059		Hex Screwdriver Torque Connection Hex 0,9 mm Short
13060		Hex Screwdriver Torque Connection Hex 0,9 mm Long
13057		Hex Screwdriver Torque Connection Hex 1,2 mm Short
13058		Hex Screwdriver Torque Connection Hex 1,2 mm Long
13061		Hex Screwdriver Torque Connection Square Short
13062		Hex Screwdriver Torque Connection Square Long
13063		Hex Screwdriver Torque Connection Mini Conical Abutment
13064		Hex Screwdriver Torque Connection Fenda Long
13065		Hex Screwdriver Torque Connection O'Ring Abutment
13066		Manual Screwdriver Torque
13049		Surgical /Prothetic Torque Wrench [0 - 80 Ncm]



13260
kit.surgical

- 5088 DLC Lance Drill
- 5073 DLC Helicoidal Drill \varnothing 2,20 x 15 mm
- 5084 DLC Conic Drill \varnothing 2,80 x 15 mm
- 5085 DLC Conic Drill \varnothing 3,20 x 15 mm
- 5096 DLC Conic Drill \varnothing 3,60 x 15 mm
- 5116 DLC Conic Drill \varnothing 4,00 x 15 mm
- 5097 DLC Conic Drill \varnothing 4,40 x 15 mm
- 13010 Drill Extension
- 13017 Implant Depth Gauge
- 13019 Depth Gauge \varnothing 2,20 mm
- 13049 Surgical /Prothetic Torque Wrench **[0 - 80 Ncm]**
- 13057 Hex Screwdriver Torque Connection **Hex** 1,2 mm **I Short**
- 13059 Hex Screwdriver Torque Connection **Hex** 0,9 mm **I Short**
- 13061 Hex Screwdriver Torque Connection **Square** **I Short**
- 13063 Hex Screwdriver Torque Connection **Mini Conical Abutment**
- 13065 Hex Screwdriver Torque Connection **O'Ring Abutment**
- 13066 Manual Screwdriver Torque
- 13106 Direction Indicator MP \varnothing 2,10 / 2,70 mm
- 13107 Direction Indicator MP \varnothing 2,10 / 3,10 mm
- 13108 Direction Indicator MP \varnothing 2,10 / 4,10 mm
- 13051 Hex Screwdriver Torque Connection **BioDIRECT I Short**
- 13052 Hex Screwdriver Torque Connection **BioDIRECT I Long**
- 13053 Implant Driver - Contra-Angle **BioDIRECT I Short**
- 13054 Implant Driver - Contra-Angle **BioDIRECT I Long**
- 13135 Implant Driver - Torque Wrench **BioMORSE I Short**
- 13136 Implant Driver - Torque Wrench **BioMORSE I Long**
- 13138 Implant Driver - Contra-Angle **BioMORSE I Short**
- 13139 Implant Driver - Contra-Angle **BioMORSE I Long**
- 13259 Height Measurer **BioMORSE**



manufacturer.**bauru**

Rua Laureano Garcia,1 - 275

17039-760 Distrito Industrial II | Bauru - SP | **BRASIL**

Tel. +55 14 4009 2400

bio.**europe**

Calle Enmedio 20, 1a planta

CP 28850 Torrejón de Ardoz | Madrid | **ESPAÑA**

Tel.: +34 910 228 157



distributor.**exclusive**