

SUCCESS

THE ORIGINAL

PURE TITANIUM

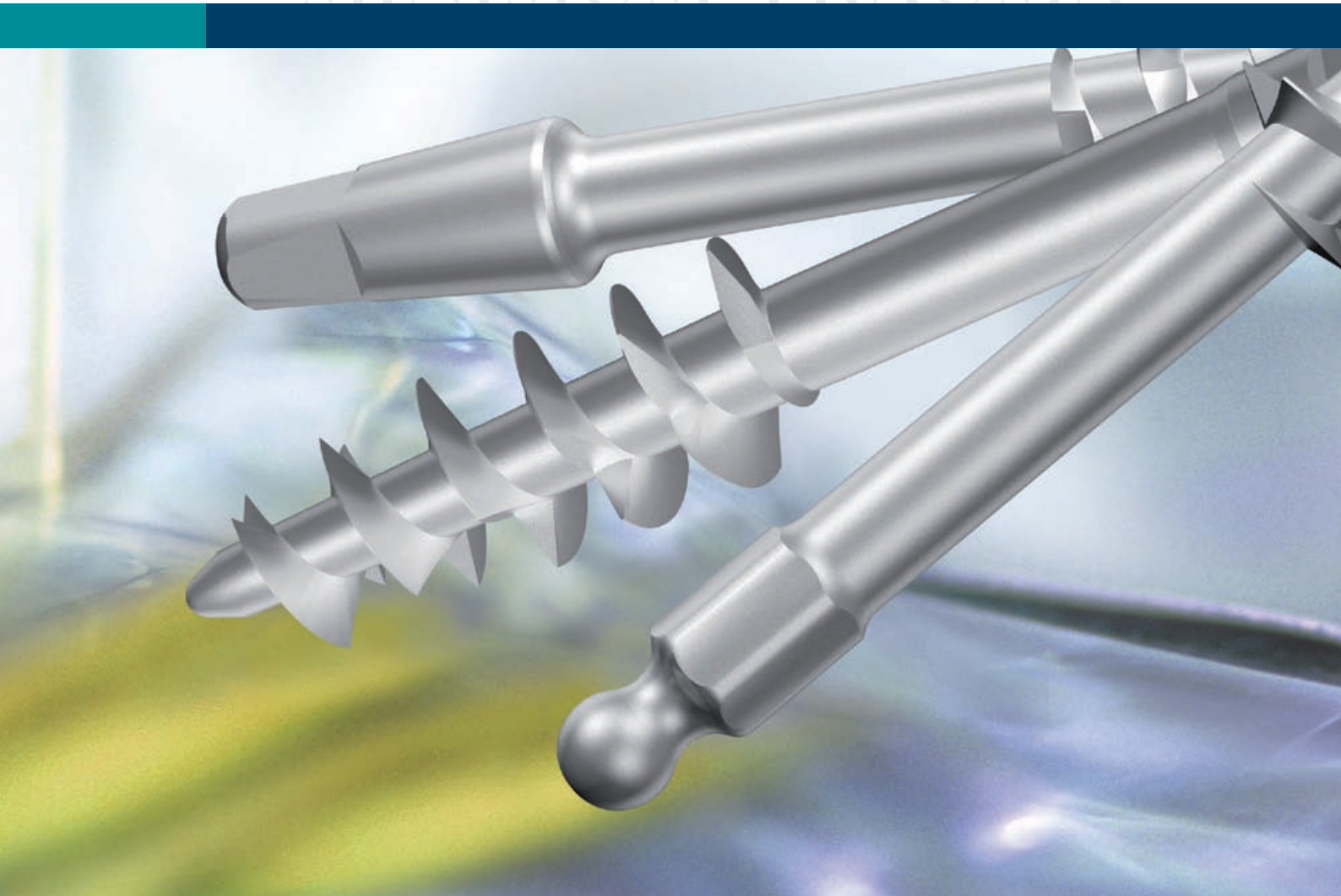
**BICORTICAL®**  
**Product Catalog**

SUPPORT

PERFECT

PURE TITANIUM

TRAUMA

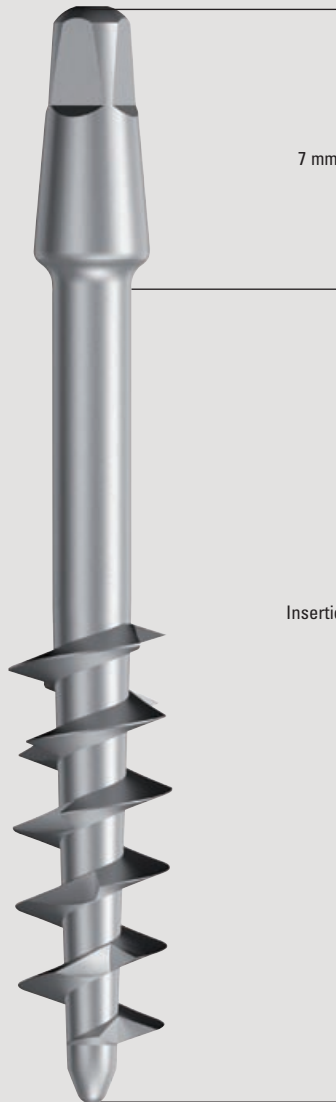


SUCCESS  
 THE ORIGINAL  
 PURE TITANIUM  
 ONE-PHASE SELF-CUTTING  
 BICORTICAL SUPPORT PERFECT  
 PURE TITANIUM MINIMUM TRAUMA

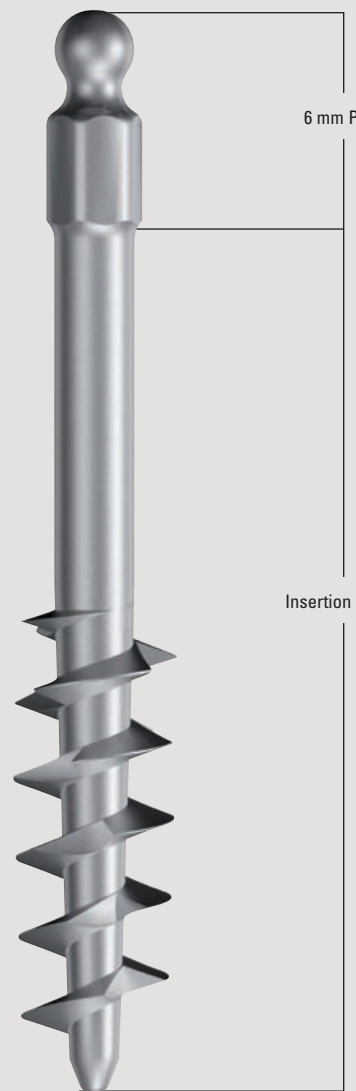
2



Square Post



Round Post



Ball Post

CE 0482 Our products are certified according to Annex II of Regulation 93/42/EEC, DIN EN ISO 13485:2003

The implant must be used only by doctors who are suitably familiar with the system. The instructions (in this brochure and in the instructions for use) must be strictly complied with. Continuing training in this implant system is absolutely essential. We reserve the right to modify or improve the products in line with technical progress.

# BICORTICAL® Implant

**The Bicortical Implant is a self-cutting screw implant for bicortical support. All implants are made of pure titanium.**

The Bicortical Implant is one-phase and is available with square and round post as well as with ball post. It is available in four different diameters and different insertion depths. The three post versions and the variety of diameters and insertion depths enable a selection of the optimal implant from the Bicortical System for each implant surgery and prosthetics indication. Please

see pages 10 and 11 of this Product Catalog for an exact indication aid.

According to EU Regulation 93/42 for Medical Products, the implants are delivered gamma-sterilized in double packing (acrylic cylinder and blister).

A detailed instruction manual is provided in each package to ensure safe insertion and handling. Adhesive labels for

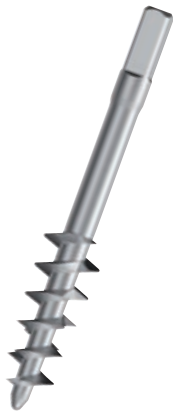
the implant passport or patient record are also enclosed. These contain the implant's type, expiration of sterility, order number and lot number for complete accountability of each implant.

Implant Ø	Implant type
Ø 2.5 mm	Round Post
Ø 3.5 mm	Square Post / Round Post / Ball Post
Ø 4.5 mm	Round Post / Ball Post
Ø 5.5 mm	Round Post

# Implants

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## Square Post




Order-No.	Insertion Depth mm	Threads
<b>Ø 3.5</b>		
43513	13	4
43516	16	4
43519	19	5
43521	21	5
43523	23	6

## Round Post



Order-No.	Insertion Depth mm	Threads
<b>Ø 2.5</b>		
62513	13	4
62516	16	5
62519	19	6
62521	21	7
62523	23	8
<b>Ø 3.5</b>		
63513	13	4
63516	16	4
63519	19	5
63521	21	5
63523	23	6
<b>Ø 4.5</b>		
64513	13	4
64516	16	4
64519	19	5
64521	21	5
64523	23	6
<b>Ø 5.5</b>		
65513	13	4
65516	16	4










Ball Post	Order-No.	Insertion Depth mm	Threads
	<b>Ø 3.5</b>		
	83513	13	4
	83516	16	4
	83519	19	5
	83521	21	5
	83523	23	6
	<b>Ø 4.5</b>		
	84513	13	4
	84516	16	4
	84519	19	5
84521	21	5	
84523	23	6	










Survey of BICORTICAL® Implants				
Insertion Depth in mm	Ø 2.5	Ø 3.5	Ø 4.5	Ø 5.5
13	•	• • •	• •	•
16	•	• • •	• •	•
19	•	• • •	• •	
21	•	• • •	• •	
23	•	• • •	• •	



# Instruments







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Item	Order-No.	
<b>Initial Perforation Drill</b> cutting depth 16 mm	90024	
<b>Pilot Drill</b> cutting depth 28 mm	90011	
<b>Twist Drill, short</b> laser-graduated 13/16/19 mm, Ø 2.0 mm, cutting depth 19 mm	2260	
<b>Twist Drill, long</b> laser-graduated 13/16/19/21/23 mm, Ø 2.0 mm, cutting depth 23 mm	2261	
<b>Twist Drill for insertion of implants with Ø 5.5 mm</b> laser-graduated 13/16/19 mm, Ø 2.5 mm, cutting depth 19 mm,	2262	
<b>Depth Gauge</b> graduated at 13/16/19/21/23 mm	2257	
<b>Finger Key</b> for insertion of implants with square and round post	2223	
<b>Extension</b> for finger key (Order-No. 2223) and cardan joint key	2227	
<b>Finger Key and Octagon Key</b> for insertion of implants with ball post	90440 + 90624	

Item	Order-No.	
<b>Cardan Joint Key</b> for square and round post	90035	
<b>Modelling/Impression Cap</b> for square post	2255	
<b>Model Analog</b> for square post	2256	
<b>Modelling/Impression Cap</b> for round post	2249	
<b>Model Analog</b> for round post	2245	
<b>Model Analog</b> for ball post	2251	
<b>Post Bending Pliers</b> (only for square post)	2228	
<b>Post Bending Stabilizer</b> (only for square post)	2254	
<b>X-ray indicator</b> 1:1.25	2258	



# Prosthetic Accessories for BICORTICAL® Implants with Ball Post

Item	Order-No.	
<b>Retention Cap Dalbo®-PLUS elliptic*</b> complete, incl. Lamellae Retention Insert	90289	
<b>Activator*</b> for Retention Cap Dalbo®-PLUS elliptic	90288	
<b>Metal Ringhousing and O-ring</b> complete	90296	
Single Items	Order-No.	
<b>Lamellae Retention Insert</b>	90287	
<b>Metal Ringhousing</b>	3582	
<b>O-ring</b>	3580	

\*Producer: Cendres & Métaux SA





# Surgical Tray

## Surgical Tray, contents:

Order-No. 2264

- 1 x 90024 Initial Perforation Drill, 16 mm
- 1 x 90011 Pilot Drill, 28 mm
- 1 x 2260 Twist Drill, 19 mm
- 1 x 2261 Twist Drill, 23 mm
- 1 x 2262 Twist Drill Ø 2.5 mm,  
for implants with Ø 5.5 mm
- 1 x 2257 Depth Gauge,  
laser-graduated 13/16/19/21/23 mm
- 1 x 2223 Finger Key for square and round post
- 1 x 2227 Extension for finger key (Order-No. 222  
cardan joint key
- 1 x 90440 and  
1 x 90624 Finger Key and  
Octagon Key for ball post
- 1 x 2228 Post Bending Pliers for square post
- 1 x 2254 Post Bending Stabilizer for square post
- 1 x 90035 Cardan Joint Key
- 1 x 2258 X-ray indicator,  
1:1.25 mm – free of charge –



- 1 x 2263 Tray, without content

# Standard Indications

Indication	Insertion Depth mm	Threads	Square Post Order-No.	Round Post (non-adjustable) Order-No.	Ball Post (non-adjustable) Order-No.
<b>For 2.5 mm Ø-Implants</b> Basic use for support and protection of the primary implants during the healing phase. Do not use for immediate post extraction. A 2.5 mm diameter of 23 mm insertion depth can remain as final implant if well integrated in a small interdental space in cortical bone D2/D3 with bicortical support, splinting with other implants or natural teeth is imperative.	13	4		62513	
	16	5		62516	
	19	6		62519	
	21	7		62521	
	23	8		62523	
<b>For 3.5 mm Ø-Implants</b> For the lateral incisor region in the maxilla, or the central and lateral incisor in the mandible, also immediate post-extraction with transapical anchorage or bicortical support.	13	4	43513	63513	83513
	16	4	43516	63516	83516
	19	5	43519	63519	83519
	21	5	43521	63521	83521
	23	6	43523	63523	83523

Indication	Insertion Depth mm	Threads	Square Post Order-No.	Round Post (non-adjustable) Order-No.	Ball Post (non-adjustable) Order-No.
<b>For 4.5 mm Ø-Implants</b> For the central incisor, canine or presinus regions of the maxilla, and canine and premolar region of the mandible, especially for immediate post-extraction insertion in these regions in both jaws, optimal if connected to other implants or natural teeth.	13	4		64513	84513
	16	4		64516	84516
	19	5		64519	84519
	21	5		64521	84521
	23	6		64523	84523

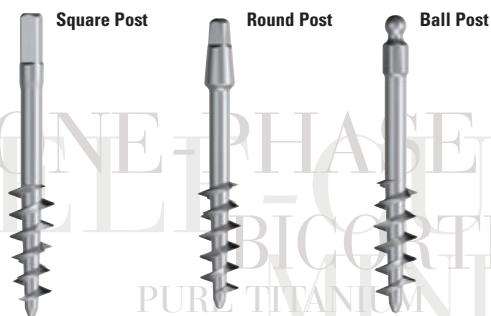
**For 5.5 mm Ø-Implants**

Immediate post-extraction or after healing of sockets in mandibular or maxillary bicuspid region, special indication of 13 mm insertion depth for distal support in the maxillary tuber region, and funnel-shaped periodontal defects. Suitable for spongy or marrow bone. Not for dense cortical bone.






13	4		65513	
16	4		65516	



## BICORTICAL® Implant



### Innovative products

-  PITT-EASY®
-  ENDOPORE®
-  BICORTICAL®
-  BIORESORB®
-  CYTOPLAST®

### INNOVA – ORALTRONICS – ATTACHMENTS A World of Implant Solutions

The dental implant platform of Sybron Dental Specialties (SDS) brings over 85 years of combined experience in design and manufacturing of proprietary implant systems to the dental implant market.

Delivering two of the most respected, leading-edge dental implants on the market – ENDOPORE® and PITT-EASY® – we are giving you access to a world of implant solutions.

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