#### The Perfect Intersection of Experience, Quality, and Science







**Dental Implant System** 

PRODUCT CATALOG 2025-26



Feel the Privilege Power



**DISCOVER THE SCIENCE** 

SCOPRI LA SCIENZA





BİLİMİ KEŞFET

WISSENSCHAFT ENTDECKEN

ОТКРИЙТЕ НАУКАТА





www.bilimplant.com

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#### **MISSION**

PROIMTECH Health Products Company aims to be a healthcare leading firm that follows the latest advances in technology, keeps innovations alive adding new values every passing day with R&D studies and works for providing high quality of health and life for everybody.



#### **VISION**

Our primary goal is to become a trusted global brand in the dental industry by providing contemporary, scientific, and high-quality manufacturing services.



As a result of our commitment to uncompromising quality and scientific principles, high success rates consistent with scientific literature have been observed in 10-year clinical and radiographic follow-ups.

#### **SCIENTIFIC ADVISORY BOARD**



Prof. Dr. Alper ALKAN

Prof. Dr., Oral and Maxillofacial Surgeon, Proimtech Inc. Partner / Board Member, İstanbul

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Prof. Dr. Hasan Ö. GÜMÜŞ

Prof. Dr., Erciyes Üniversity, Faculty of Dentistry, Dept. of Prosthetic, Kayseri



#### Histomorphometric Appearance



3 Weeks (x4)

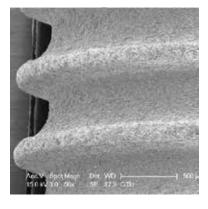


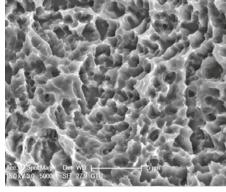
6 Weeks (x4)

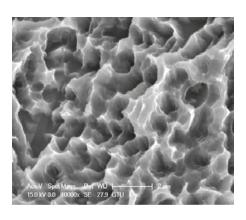
There are six critical factors affecting the process of osseointegration;

- Material compatibility
- Geometry of the implant
- Surface of the implant
- The status of the host bone
- Surgical technique
- Loading conditions

Bilimplant, a brand whose name and strength are rooted in science, is manufactured with the support of scientific literature to ensure maximum osseointegration.







50 x

5.000 x

10.000 x

Bilimplant has an ideal and homogeneous rough surface with a Ra value of 1.5- 2.5  $\mu m$  as a result of sandblasting and double etching process. This SLA surface provides the best degree of roughness for osseointegration by increasing the implant-bone contact area.



With Surgical Contra- Angle Handpiece (20:1);

Ideal drilling (preparing the implant drill hole) speed: 800-900 rpm / Ideal implant placement speed: 30-40 rpm, torque: 30-40 Ncm

- 1. The mucoperiosteal flap is reflected and the bone is exposed.
- 2. The implant position is marked with a marking drill.
- 3. The precise depth of the implant is determined by making an implant bed with a pilot drill.
- $4. \ \mbox{The depth}$  and angle of the implant is controlled with an alignment pin.
- 5 (a-c). The implant bed is widened sequentially with the drills till the final drill that is appropriate for the planned implant size and length.
- 6. The implant bed depth and angular accuracy is controlled with a parallel pin.
- 7. The implant bed is ready for implant placement after final drill.
- 8. To prevent the compressive strengths and marginal bone loss around the neck of implant, the cortical drills must be used specially for dense bones.
- 9. The implant is taken from its sterile vial with the aid of a ratchet adapter and is placed into the implant bed using a ratchet
- adapter turning it clockwise or a handpiece with a maximum speed of 40 rpm and maximum torque of 40Ncm.
- 10. Following the placement of implant, the cover screw is placed and tightened turning it clockwise to prevent the soft tissue ingrowth and then mucoperiosteal fap is closed.
- 11. After the 8-12 weeks osseointegration period, implant is exposed, cover screw is removed and appropriate healing cap is placed for gingival adaptation.
- 12. Following gingival adaptation an impression is taken with an open or closed tray impression technique.
- 13. The appropriate abutment is selected from the abutment options and is fixed using abutment screw at a torque of 30 Ncm.
- 14. The crown prepared is cemented or screwed over the abutment.

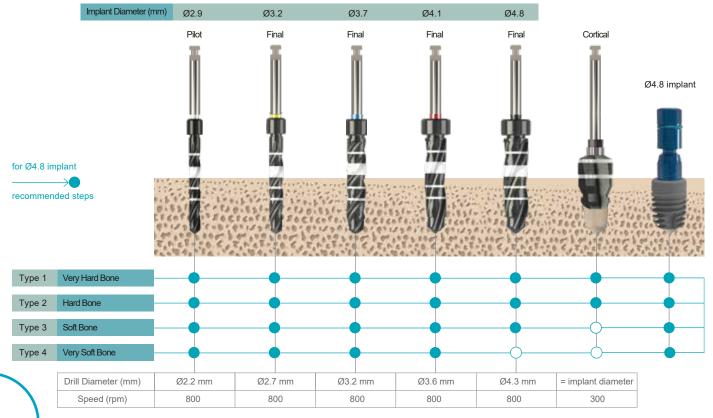
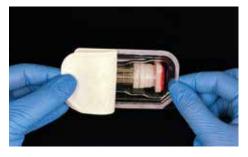


Figure 1. Recommended drilling procedure for placement of bone/tissue level implants based on bone types.

#### PACKAGING HANDLING







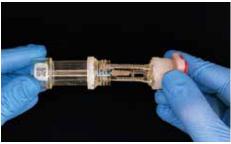
The box is opened.

The blister pack is removed from the box.

The tyvek paper is removed.



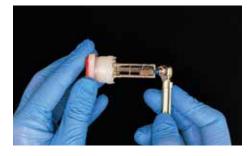




The implant is removed from the tube together with its cover.



The insertion tool is attached to the color coded transfer piece (yellow or blue) that is mounted on the implant. Delicate manufacturing and the silicon ring prevents implant falling into the mouth.



The implant is removed from the transparent plastic body turning the rachet 90° angle. The transfer piece is removed by pulling upwards following the placement of implant into implant bed.

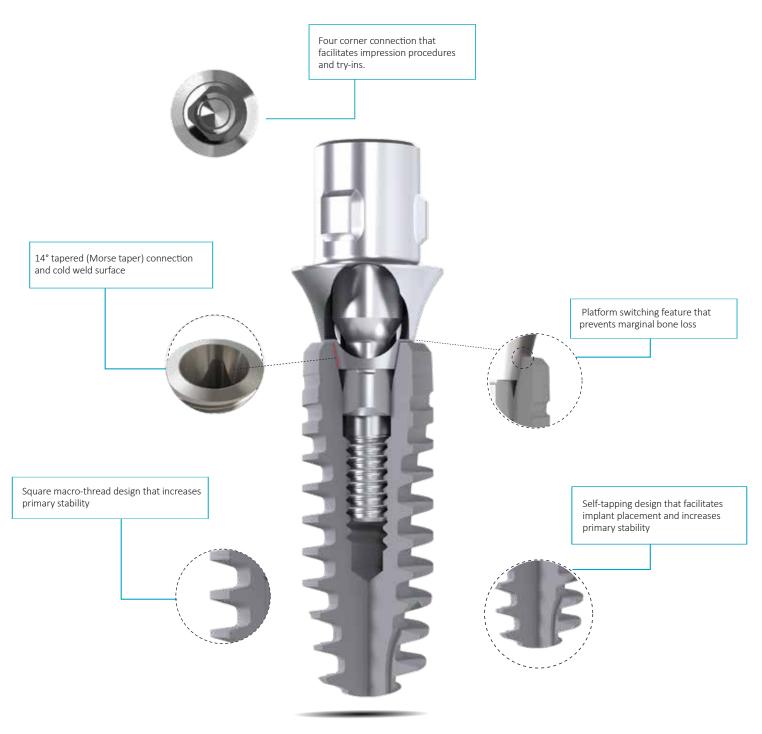


The plastic cap is removed to take the cover screw from the box.



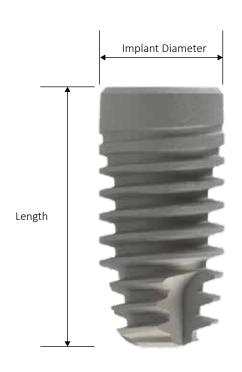
The screwdriver (SCS) is mounted on the cover screw. It is gently pressed and removed pulling upwards.





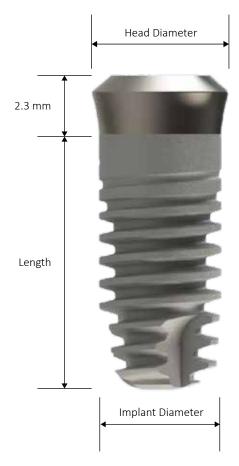
Bilimplant bone level implants were designed for a natural look and sensation providing great flexibility and a balanced prosthetic portfolio for every indication. It stands for excellent clinical performance, superior esthetics and high patient satisfaction in daily practice.

#### **BONE LEVEL IMPLANTS**



Product No.	Implant Diameter	Length		
PBL2910		10 mm	mm	
PBL2912	Ø 2.9 mm	12 mm		Slim (SP, M1.4)
PBL2914		14 mm		
PBL3208		8 mm	8 mm	
PBL3210	doo	10 mm		
PBL3212	Ø 3.2 mm	12 mm		
PBL3214		14 mm		Narrow Platform (yellow)
PBL3708		8 mm		(NP, M1.6)
PBL3710	Ø 3.7 mm	Ø 3.7 mm 10 mm 12 mm		
PBL3712	9 3.7 11111			
PBL3714		14 mm		
PBL4108		8 mm		
PBL4110	Ø 4.1 mm	10 mm		
PBL4112	<i>y</i> 4.1 IIIII	12 mm		Dagulan Dlatfanna (Dl. a)
PBL4114		14 mm		Regular Platform (Blue) (RP, M1.8)
PBL4808		8 mm		(11, 1011.0)
PBL4810	Ø 4.8 mm	10 mm		
PBL4812		12 mm		

#### TISSUE LEVEL IMPLANTS



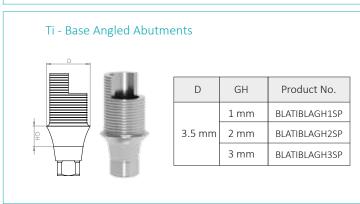
Product No.	Implant Diameter	Length	Head Diameter
PTL4106		6 mm	
PTL4108		8 mm	
PTL4110 Ø 4.1 mm PTL4112	10 mm	Ø 4,8 mm	
		12 mm	
PTL4114		14 mm	
PTL4806		6 mm	
PTL4808 PTL4810	Ø 4.8 mm	8 mm	Ø 6 mm
	<i>y</i> 1.0 11111	10 mm	y o min
PTL4812		12 mm	

Regular Platform (Blue) (RP, M1.8)

#### Bone Level Ø2.9 Slim (SP) Implant



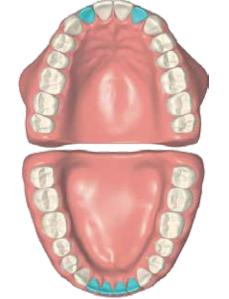






#### **Indications**

#### Lateral incisors (maxilla)



## Experience the Art of Slim

- $\bullet$  Ø2.9 mm implant is specifically engineered to address esthetic challenges in compromised situations such as narrow interdental spaces or reduced bone height.
- $\bullet$  Enjoy the privilege of the  $\emptyset$ 2.9 mm implant in the aesthetic zone and where narrow diameter implant use is indicated!
- Easy handling
- Ensured precision against rotation and long-term mechanical stability
- Guidance by 4 grooves for precise positioning
- 8° conical connection

Central and lateral incisors (mandible)

#### **Cover Screws**



**Transfer Pieces** 

The transfer piece has an easily removable system following the implant placement. It has a safety ring breaking at a force of 125 Ncm in dense bone preventing marginal bone loss and protecting the inner surface of implant.



#### **Healing Caps**





## ABUTMENTS

The loading torque value on all abutments is **30 Ncm**.

For multi-unit abutments, the loading torque is **30 Ncm** and the secondary occlusal top screw torque is **15 Ncm**.

#### **Bone Level Abutments**

#### (Cement Retained)

**Straight Abutments** 

**Bone Level** 



The risk of screw loosening increases due to metal fatigue in repetitive wearing and removal of prosthesis in all screws. Bilimplant recommends the use of clinical screws during delivery of prosthesis which are colored and have improved surface properties. Standard colorless screws are recommended only for laboratory procedures and clinical try-ins.

#### Angled Abutments | Bone Level

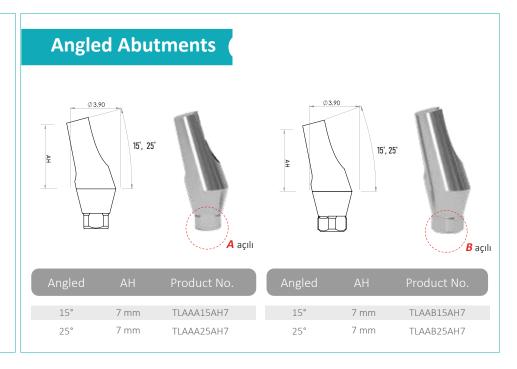


A and B type angled abutments attached to implants in 8 different positions are produced in order to increase placement options. Thus, the need for abutment preparation is reduced.

#### **Tissue Level Abutments**

(Cement Retained)

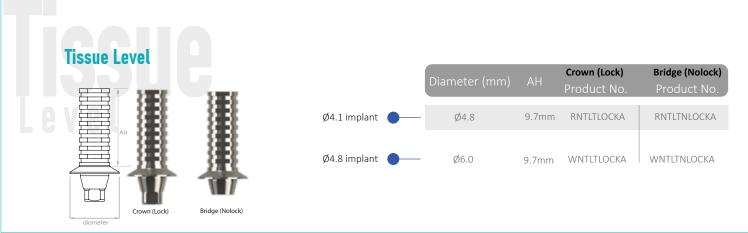






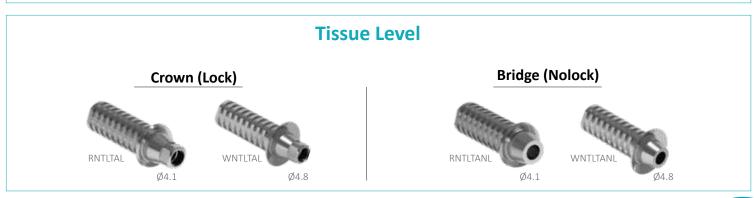
#### **Cemented Temporary Abutments**



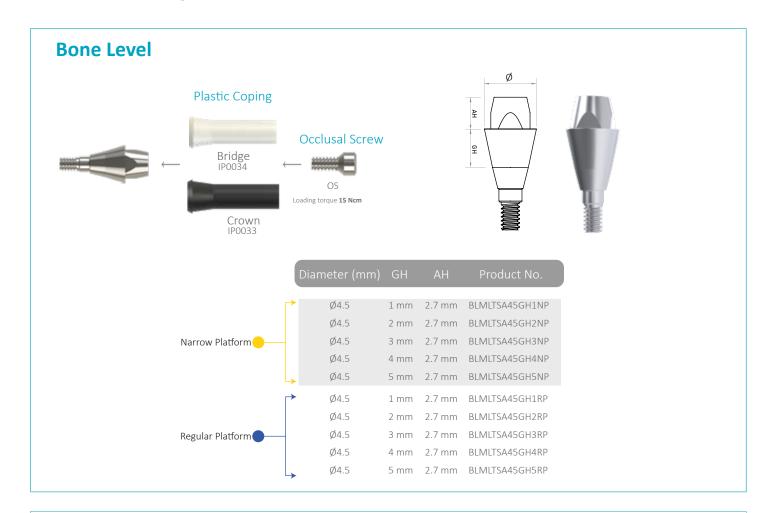


#### **Multi-unit Temporary Abutments**





#### Straight Multi-unit (Screw Retained) Abutments-



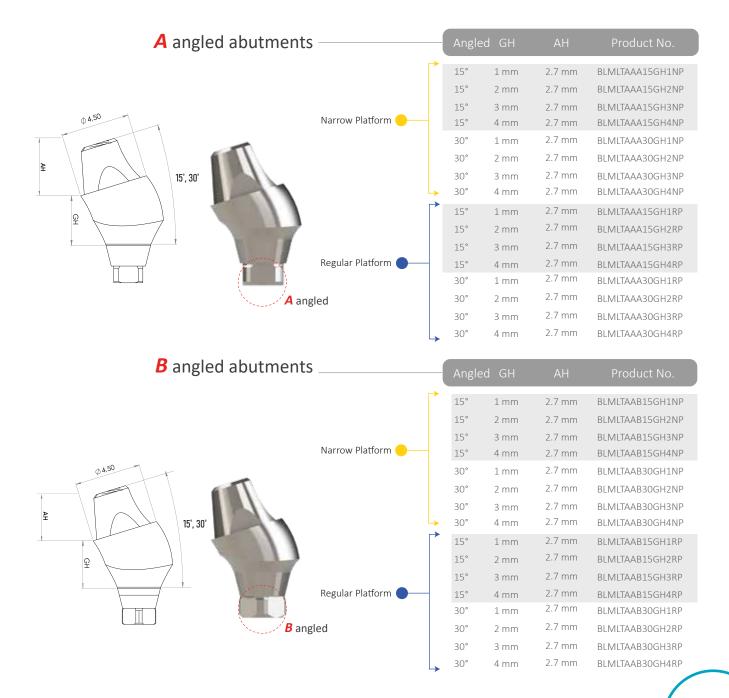




#### **Angled Multi-unit (Screw Retained) Abutments**

#### **Bone Level**





#### **Locator Abutments**

#### **LOC-BIL Retentive System®**

Experience comfort and reliability in implant-supported overdentures!



\*This product is used with loc-bil abutments for both bone level and tissue level implants.



Bilimplant® metal housings and PEEK matrices must be used together and should not be combined with products from other brands.

Bone

#### **Locator Abutments**

## TISSUE

#### **Straight Locator Abutments**





#### **Angled Locator Abutments**



**Bone Level** 

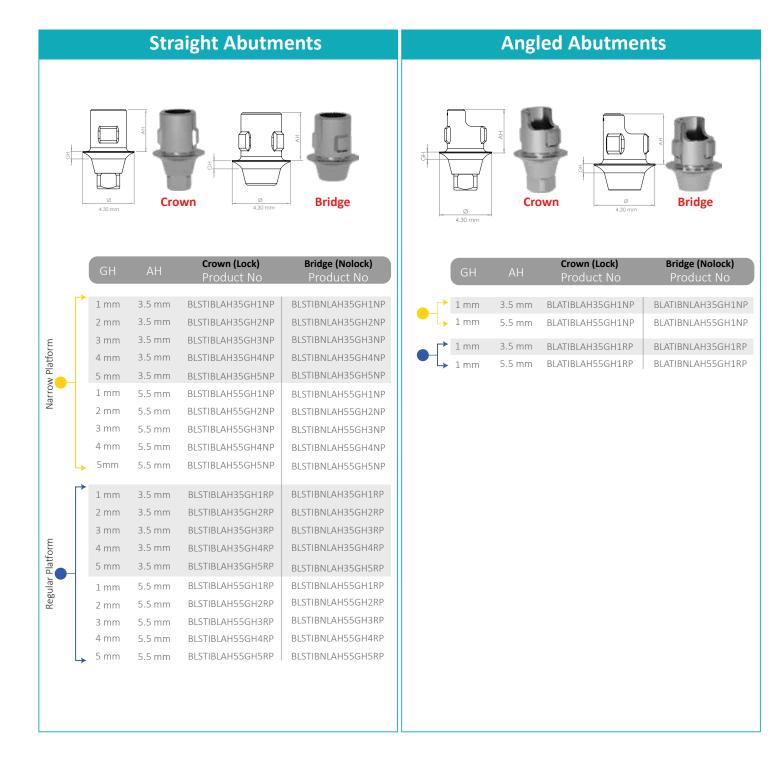


Angled GH Product No. Product No.	
	0.
15° 2 mm BLOCA15GH2NP BLOCB15GH2	.NP
15° 2 mm BLOCA15GH2NP BLOCB15GH2 15° 3 mm BLOCA15GH3NP BLOCB15GH3 15° 4 mm BLOCA15GH4NP BLOCB15GH4 15° 5 mm BLOCA15GH5NP BLOCB15GH5	NP
15° 4 mm BLOCA15GH4NP BLOCB15GH4	NP
15° 5 mm BLOCA15GH5NP BLOCB15GH5	NP
15° 6 mm BLOCA15GH6NP BLOCB15GH6	NP
E 15° 2 mm BLOCA15GH2RP BLOCB15GH2	RP
15° 3 mm BLOCA15GH3RP BLOCB15GH3	RP
15° 4 mm BLOCA15GH4RP BLOCB15GH4	-RP
15° 3 mm BLOCA15GH3RP BLOCB15GH3 15° 4 mm BLOCA15GH4RP BLOCB15GH4 15° 5 mm BLOCA15GH5RP BLOCB15GH5	RP
2 15° 6 mm BLOCA15GH6RP BLOCB15GH6	RP

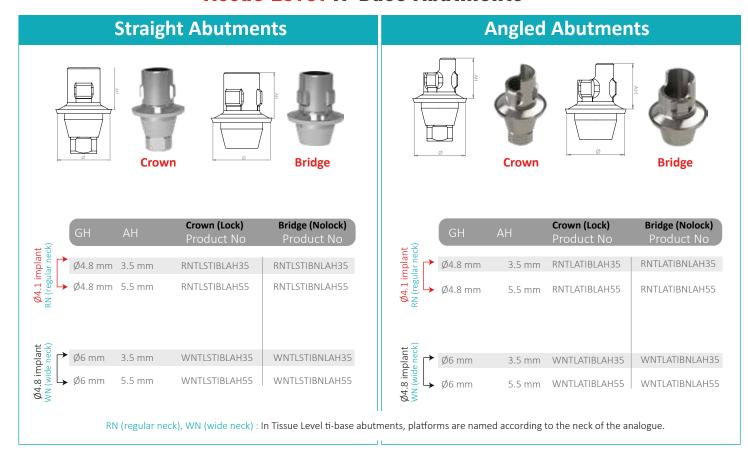


## Ti-BASE A B U T M E N T S

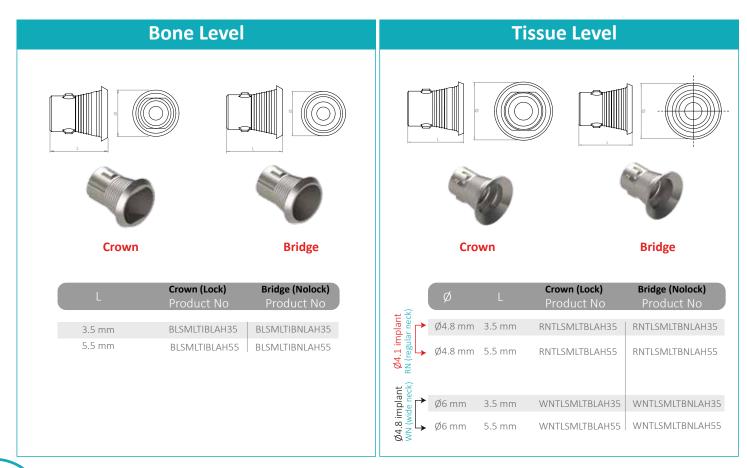
#### **Bone Level Ti-Base Abutments**



#### **Tissue Level Ti-Base Abutments**



#### **Multi-unit Ti-Base Abutments**



#### **Digital Scan Bodies**



#### **Digital Analogs**



BL: Bone Level TL: Tissue Level

SP : Slim Platform (Ø2.9 BL implant)

NP: Narrow Platform (Ø3.2 - Ø3.7 BL implant)
RP: Regular Platform (Ø4.1 - Ø4.8 BL implant)

RN : Regular Neck (Ø4.1 TL implant)
WN : Wide Neck (Ø4.8 TL implant)

## PRE-MILL ABUTMENTS

Pre-milled abutments are used to create customized abutments in cases where stock abutments are not the solution.

## Bone Level

#### **Pre-mill Abutments**

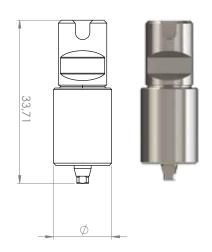
#### **Bone Level**



Platform	Diameter (mm)	Product No.
NP (narrow platform)	Ø12	BLPRA12NP
NP (narrow platform)	Ø16	BLPRA16NP
RP (regular platform)	Ø12	BLPRA12RP
RP (regular platform)	Ø16	BLPRA16RP
SP (slim platform)	Ø12	BLPRA12SP
SP (slim platform)	Ø16	BLPRA16SP

## ISSUE e v e l

#### **Tissue Level**

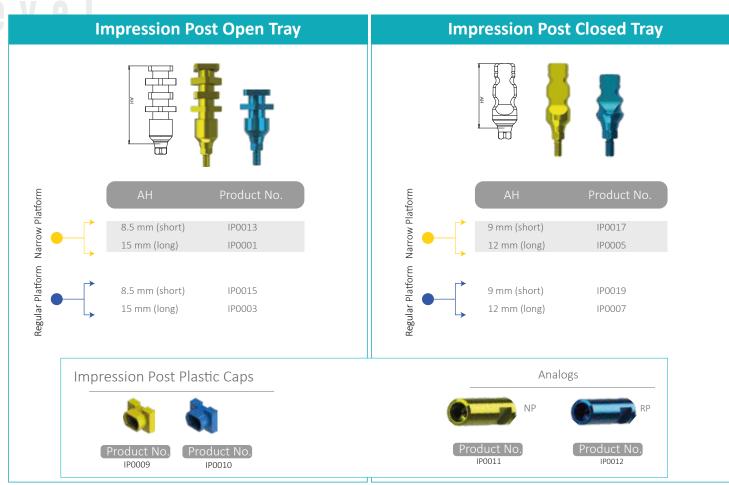


Platform	Diameter (mm)	Product No.
RP (regular platform)	Ø12	RNTI PRA12
RP (regular platform)	Ø12	WNTLPRA12
RP (regular platform)	Ø16	RNTLPRA16
RP (regular platform)	Ø16	WNTLPRA16

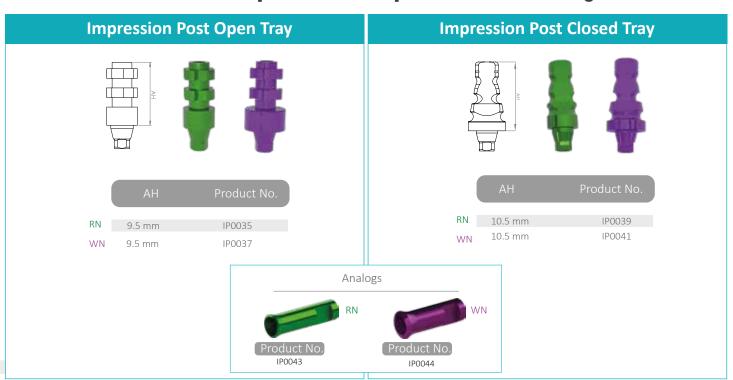


## IMPRESSION COMPONENTS AND ANALOGS

Bone Level Impression Components and Analogs



#### **Tissue Level Impression Components and Analogs**



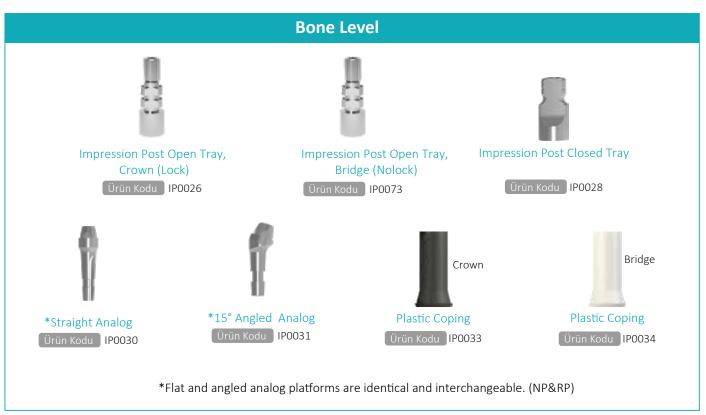
NP : Narrow Platform (Ø3.2 - Ø3.7 BL implant) RP : Regular Platform (Ø4.1 - Ø4.8 BL implant)

RN : Regular Neck (Ø4.1 TL implant)
WN : Wide Neck (Ø4.8 TL implant)





## Screw Retained (Multi-unit) Impression Components and Analogs





: Narrow Platform (Ø3.2 - Ø3.7 BL implant) : Regular Platform (Ø4.1 - Ø4.8 BL implant)

: Regular Neck (Ø4.1 TL implant)

WN: Wide Neck (Ø4.8 TL implant)

RN

## KIT & TOOLS

#### **Surgical Kit**



Product No. CERS

Manufactured from polyphenylsulfone (PPSU) material with Italian aesthetics and patented grommet-less technology, the Bilimplant® Surgical Kit:

- \* simplifies the cleaning and disinfection process,
- \* ensures maximum safety during surgical procedures,
- \* prevents contamination between silicone and plastic elements.

#### **Surgical Kit Instruments**













#### **Surgical Kit Instruments**



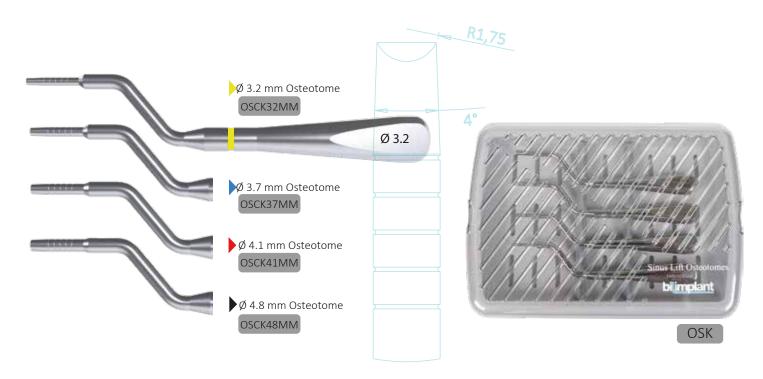




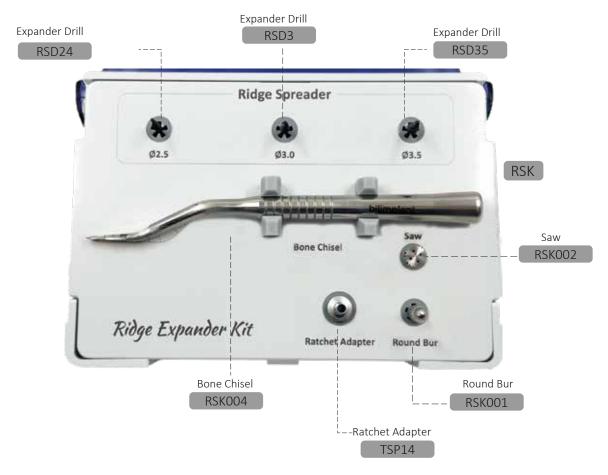
#### **Stopper Kit**



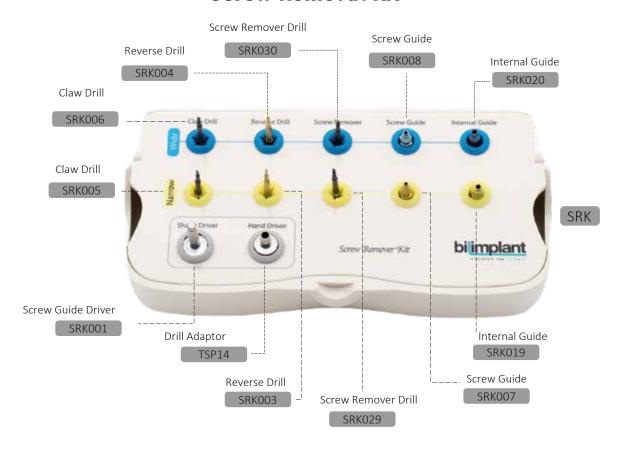
#### **Sinus Osteotome Kit**



#### **Ridge Expander Kit**



#### **Screw Removal Kit**



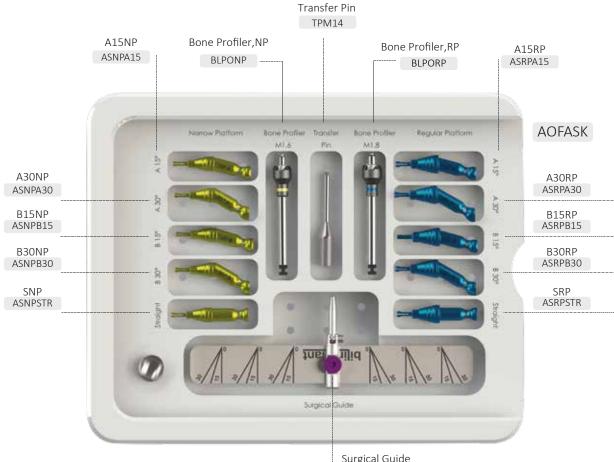
Please read the screw removal kit user manual for correct use.

#### **bjuide** Guided Surgery Kit



Guiding You to Clinical Success with Ease & Confidence

#### **All on Four & Abutment Selection Kit**



#### Orthodontic Mini Screw Kit -



**GBR Kit** 



SMVS

#### DIGITAL LIBRARIES

#### **Our Digital Solution Partners**









NemoScan



#### SmartPeg Reference Guide Valid from December 2018 | 25016-67

Implant Company	Model	Diameter (mm)	SmartPeg	New
Bilimplant	Bone Level Implant	3.2 - 3.7	100402	Type21
	Bone Level Implant	4.1- 4.8	100480	Type49

Everything is much easier and safer with our digital solution partners.

You can access all our digital libraries via the link <a href="https://www.bilimplant.com/en/download-center/digital-library/">https://www.bilimplant.com/en/download-center/digital-library/</a>

## **NOTES**



# Experience Quality Passion Science

#### A STRONG STEP FOR INNOVATIVE TECHNOLOGIES OF THE FUTURE!

First R&D Center Approved by the Ministry of Industry and Technology in the Dental Sector











Trust, Success, and Happiness for Generations!



## **NOTES**