



G E N E R A L C A T A L O G





Connections that change life





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## YOUR SMILE IS OUR MISSION

BTLock Implant is the evolution of the traditional implant and it has been designed to satisfy dentist and patient's needs with a single and unique solution. BTLock system aims to solve any kind of single or multiple tooth loss problem, granting great user-friendliness and optimal functional and aesthetic efficacy. Patients are able to chew again, but more importantly, they can feel comfortable with their own teeth.

BTLock has improved the relation among researchers, implantologists, and patients. Thanks to the constant information exchange, the research activity and the willingness to offer really valuable products, dentists' experiences have been converted into innovative and user-friendly solutions that have contributed to create a brand-new connection system between fixture and abutment.

BTLock's research department, implantologists, and patients:  
**CONNECTIONS THAT CHANGE LIFE.**





## CONNECTIONS THAT CHANGE LIFE

The “twice anti-rotational, asymmetric, multi-leveled internal connection” is the patent that originated the company research activity. A unique and innovative connection system between fixture and abutment that BTLock has designed, tested and finally implemented. Thanks to the BTLock System, a solution to the problem of connection loosening and prosthesis duration is made possible.

BTLock Implant System is conceived comprehensive of all existing options: designs, osteointegrating surfaces, size and diameter options, prosthetic components, etc.

## CONTINUOUS RESEARCH AND HIGH SPECIALIZATION

A group of implantologists founded BTLock in 1995. Since then it has always conceived and designed original and effective products, granting great user-friendliness and quality. To guarantee high quality standards and great flexibility, BTLock has chosen to base its production entirely in Italy.

BTLock has been working to bring a valuable contribution to the dental implantology scenario through the precious collaboration with national and international universities and the constant daily practice.



BTLock's high specialization has enabled the development and production of innovative solutions and accessories, exclusively designed for implant techniques: the new BT-Tite CV3 Line, the Expanders for Standard and Guided Techniques, the Osseodrills, the MINI, Mini Single, and Slot Implants.

BTLock pulls for flexible product concept and production in order to satisfy customers' needs with customized services and solutions. Today, BTLock is an important point of reference worldwide, thanks to the complete product range and the international distribution network developed so far.

## QUALITY OF HEALTH

Customers' well-being depends on the quality of the medical device. The accurate manufacture, the reliability of the materials used, the implant safety, and the care in packaging have placed BTLock at the top level production of the sector of reference.

BTLock conforms with EN ISO 9001 and ISO 13485.

All BTLock products belonging to Class I feature the CE label, whereas those belonging to Class II and IIB are certified by the Istituto Superiore di Sanità (Notifying Body n° 0373 - Italian Ministry of Health).

Conforming to the regulation of the Directive 93/42/EEC and Modification 2007/47/CE, medical devices' conformity is assessed before entering the market.

The request for international distribution has brought BTLock to conform its production to extra-UE standards in order to obtain the registration in foreign markets such as Taiwan (DOH), Brazil (ANVISA), South Korea (KFDA). All BTLock's implants and prosthetic options have also received the FDA long-term approval (K073458 and K083869). The complete list of certificates can be found and downloaded on our website.



## PRODUCT RANGE

BTLOCK is specialized in Oral Implantology and it offers products with a wide range of applications.

- **BTLOCK Implant System**

It is an innovative system designed for traditional implantology featuring the original and patented BTLOCK fixture-abutment connection. The system includes different implant lines, a full range of prosthetic options, and many accessories.

- **MINI Implants**

It is a simple and immediate solution for the long-term stabilization of removable prosthesis. Prosthetic parts are included in the package together with the implants.

- **Mini Single**

It is used in the narrow areas of the dental arch and it is conceived to replace lateral teeth, inferior incisors, and in case of dental agenesis. It has a high primary stability and immediate functionality.

- **Slot Implant®**

BTLOCK's proposal for the Oral Implantology application in Orthodontics.

BTLOCK also produces some original accessories:

- **Osseodrill®**

Drilling system for the bone extraction directly from the implant site or from another site chosen by the surgeon.

- **Expanders**

Devices used to prepare the implant site manually and without bone loss. Available for Standard and Guided Techniques.

- **Osteotomes**

Devices used after the expanders to allow the sinus lift in case of thin crest. Available both standard and screwable.

According to the professional preferences, these accessories can be used with BTLOCK products or with products of other implant companies.







BTLock Implant System for traditional implantology stems from BTLock's patented connection (BTLock Locking System) and it has been developed to provide professionals with the widest range of applications and a complete offer of prosthetic solutions.

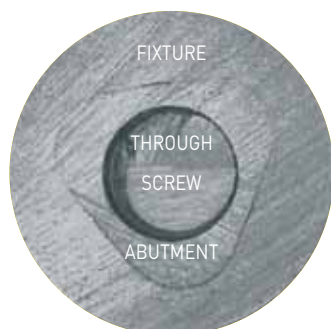
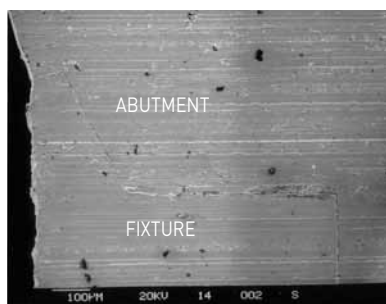
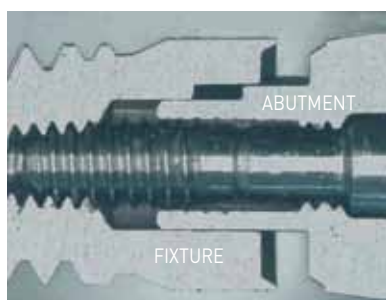
BTLock research has developed different aspects of its Implant System, with special focus on:

- **Fixture Shape and Design (periodontal neck, shape, and thread)**
- **Osseointegrating Surfaces**
- **Color Code and Size Options**
- **Packaging**

BTLock prosthetic parts, which are matchable with all implant lines (being the diameter equal), provide professionals with one of the widest range of options in the market: 150 options, among which castable, standard, angled, aesthetic, aesthetic angled, shoulder, overturned conical, screwable, UCLA, transmucosal, passive, zirconium, and overdenture in 5 different diameters and various options for the transmucosal neck's height, for every kind of restoration (single, multiple, bar-retained, and overdenture) and for every kind of technique (one or two stages).

The accessory part is complete and easy for clinical use.

A choice too wide may cause confusion in day-by-day practice, that is why the instruments have essential features to enable a better use, such as color-code (for a quick diameter identification) and laser markings on the drills (to identify quickly the necessary depth).



BTLock Locking System, which is internationally patented, was created by a cooperation of implantologists, technicians, and engineers.

The system, defined as 'twice anti-rotational, asymmetric, multi-leveled internal connection', features three concavities asymmetrically milled on three of the six sides of the internal hexagon and a 2,96 mm-deep connection.

BTLock's original connection between fixture and abutment enables a better tightening and distribution of chewing forces, reducing micromovements to the minimum. These are usually responsible of the deformation of the traditional hexagon, with the loosening or even failure of the through screw.

One further original and exclusive feature of the system is the conical bevel on the fixture with countershape on the abutment.

These two elements allow a perfect matching between fixture and abutment, without exceeding profiles, or gaps. This high precision avoids any fluid infiltration or stagnation and firmly contributes to reduce the risk of inflammation of the peri-implant sulcus caused by bacteria.

### Main Benefits:

- double anti-rotational level and high mechanical stability of the connection;
- abutment positioning without need of intra-oral radiographies to verify the correct position;
- strong tightening between fixture and abutment enabling a better implant stability and a reduction of an excessive stress on the through screw;
- absence of fluid or bacteria infiltration, with consequent optimal peri-implant hygiene;
- reduction of "V-shaped" re-absorption on the cortical.



## FEATURES OF BTLOCK FIXTURE'S SHAPE:

- Cylindrical body and periodontal neck
- Conical apex
- Thread with different depths

The periodontal neck, which is 1,6 mm high and 0,22 mm larger than the implant diameter, improves the marginal closure and increases the primary stability. It is machine-cut, featuring different heights according to the type of implant, and it does not interfere with the osteointegration process nor with the soft tissues health. It respects the biological volume and allows a good implant hygiene by the patient.

The periodontal neck is available in 3 options:

- 1,6 mm machine-cut for BT-Tite Standard, BT-Tite CV1, Ha Coated Lines;
- 0,3 mm machine-cut with micro-grooves for BT-Tite CV2 Line;
- 0,6 mm machine-cut with micro-grooves and switching platform for BT-Tite CV3 Line.

**Micro-grooves** The crestal micro-grooves of the BT-Tite CV2 and BT-Tite CV3 Lines are a continuation of the deep thread on the fixture body. The micro-grooves, which are subjected to a double-etching treatment, allow to dispose of a wider osteointegrating surface and improve the osteointegration itself.

The BT-Tite CV2's final part of the collar (0,3 mm) is machine-cut, in order not to interfere with the closure between fixture and abutment, whereas BT-Tite CV3's one is treated in order to avoid infiltrations of germs and bacteria at the crest level.

The conical apex better reproduces the natural tooth shape in post-extractive sites.

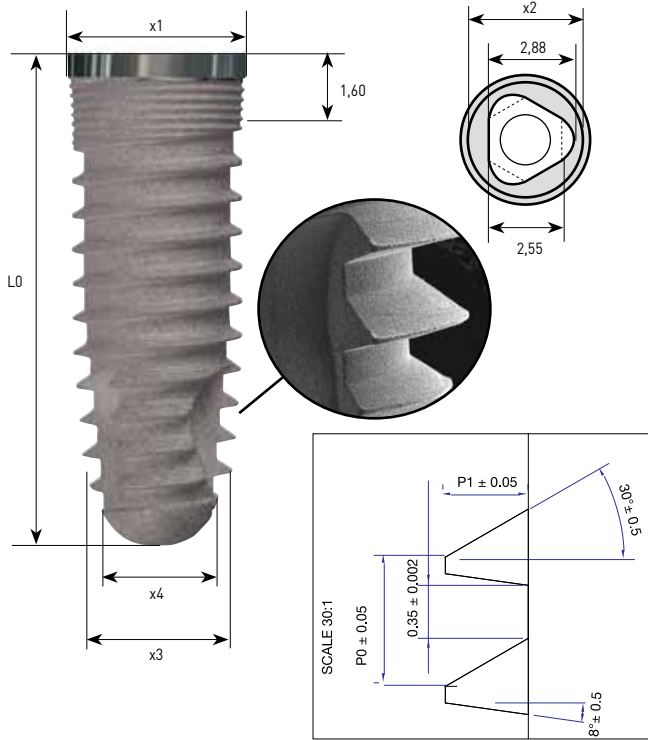
The thread is available in 2 options:

- Standard (BT-Tite Standard / HA Coated Lines);
- One (BT-Tite CV1 / BT-Tite CV2 / BT-Tite CV3 Lines).

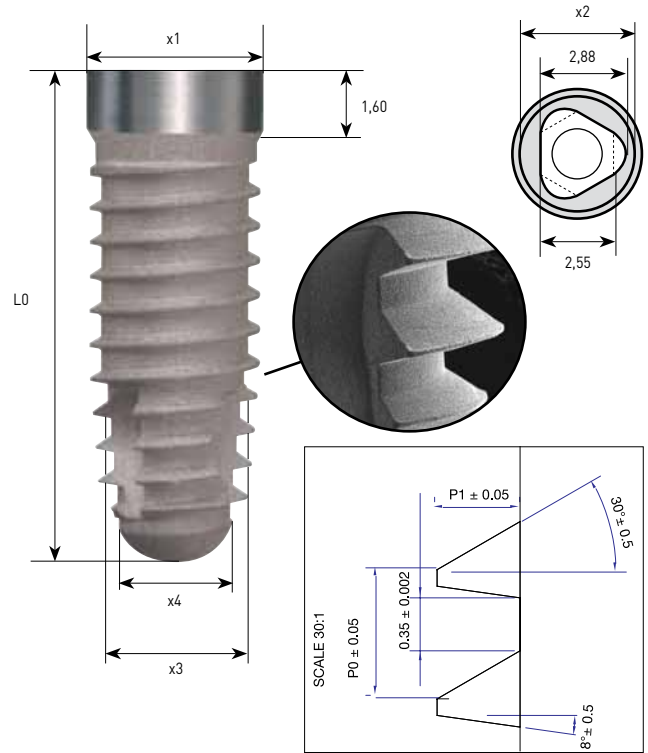
**Thread "One"** (deep downward) It is recommended in case of post-extractive sites and immediate load. This kind of thread is meant to optimize the distribution of the intrusive, compressive, and divergent chewing forces, which are the most damaging for the bone. The thread depth in the apical region improves the implant stability even where the bone is less thick. Both threads are self-tapping.

The threadforming is indicated only in case of bone type I.

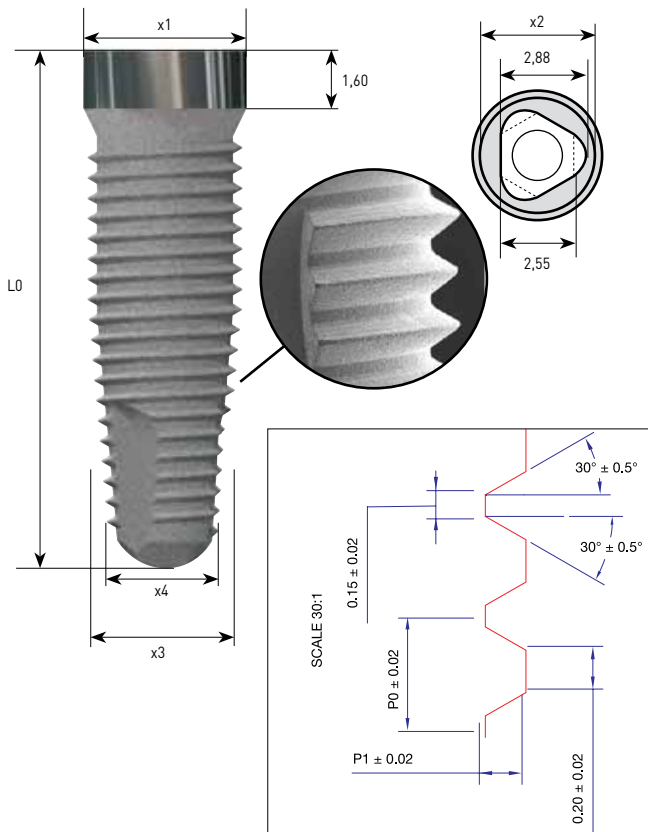
FIXTURE CV2



Fixture CV1



FIXTURE STANDARD



**Diameter**

X1	3.50	4.00	4.70	5.70	6.70
X2	3.10	3.60	4.30	5.30	6.30
X3	3.30	3.75	4.50	5.50	6.50
X4	2.10	2.45	3.20	3.50	4.40

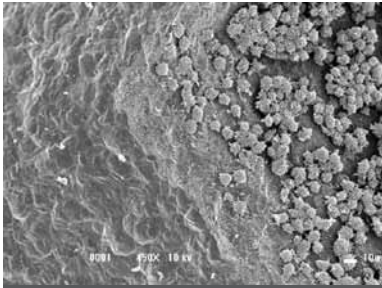
**Length**

L0	8	10	11,5	13	16
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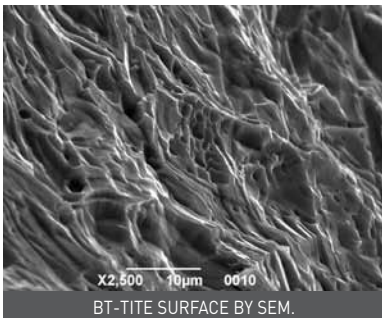
Tolerance ± 0,005 mm

**Note:**

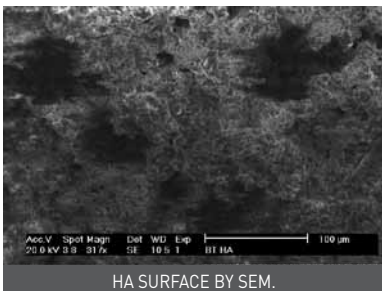
The connection has the same sizes for all diameters except for 3,3 mm implants. Connection sizes for 3,3 mm implant are the following: 2,25 and 2,05 mm (instead of 2,88 and 2,55 mm).



DMA SURFACE BY SEM.



BT-TITE SURFACE BY SEM.



HA SURFACE BY SEM.

## OSSEOINTEGRATING SURFACES

### DMA Surface

It is obtained from physical-mechanical processes (sandblasting with controlled granulometry materials) and subsequent chemical treatments (double acid-etching and passivation at controlled lengths) and it makes the surface nanoporous. The DMA Surface and the deep thread of the implant body enable an increased osteointegration (with an osteointegrating surface equal to 33%) and, consequently, improve the overall primary stability even with less thick bones.

### BT-Tite Surface

The BT-Tite surface is the combination of physical-mechanical treatments (sandblasting with controlled granulometry materials) and subsequent chemical treatments (acid-etching and passivation at controlled lengths). The resulting surface is highly porous which helps the settling of the cells responsible for the osteointegrating process.

### HA Coated Surface

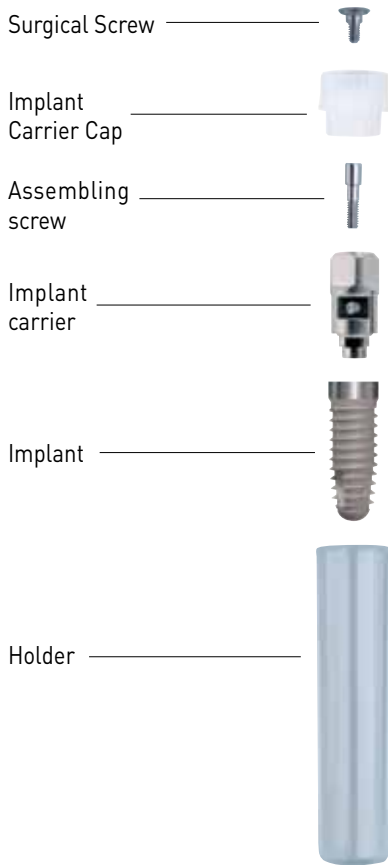
The titanium surface is treated with plasma spray and subsequently covered with hydroxyapatite, producing a 0,06 mm increase in the diameter and a 30% increase on the osteointegrating surface. The use of HA Coated surface is mainly recommended in cases of less thick bones.

## COLOR CODE

All components (fixtures, prosthetic components, and inserting tools) feature a color indicating their diameter. This device improves their use and makes the choice easier during surgeries and during both the prosthetic and laboratory stages. BTLock colors are obtained by an electrochemical process without any addition of material or any change of the titanium properties.







The packaging is different according to the kind of device.

Fixtures, healing screws, and surgical screws are packed after having been gamma-ray sterilized. BTLock guarantees their sterility for 5 years.

Prosthetic components and instruments are packed decontaminated and require an autoclave sterilization before their use (see the information leaflet for further details).

BTLock's packaging conforms to the UE Directive for medical devices 93/42/EEC, and Modification 2007/47/CE.

Packagings for fixtures, healing screws, and surgical screws feature a double package:

- PETG External Package, which is thermo-sealed with a double layer (aluminium and tyvek);
- Crystal PST Internal Package with a ryblene cap.

Fixtures are packed comprehensive of a carrier (delivery carrier that prevents the direct touching of the fixture during its positioning inside the mouth), assembling screw, and surgical screw.

Packagings also contain a double label to allow professionals to register the implant data on the patient's information sheet.

The packaging for all other products has a single PVC package, which is thermo-sealed with a tyvek layer.

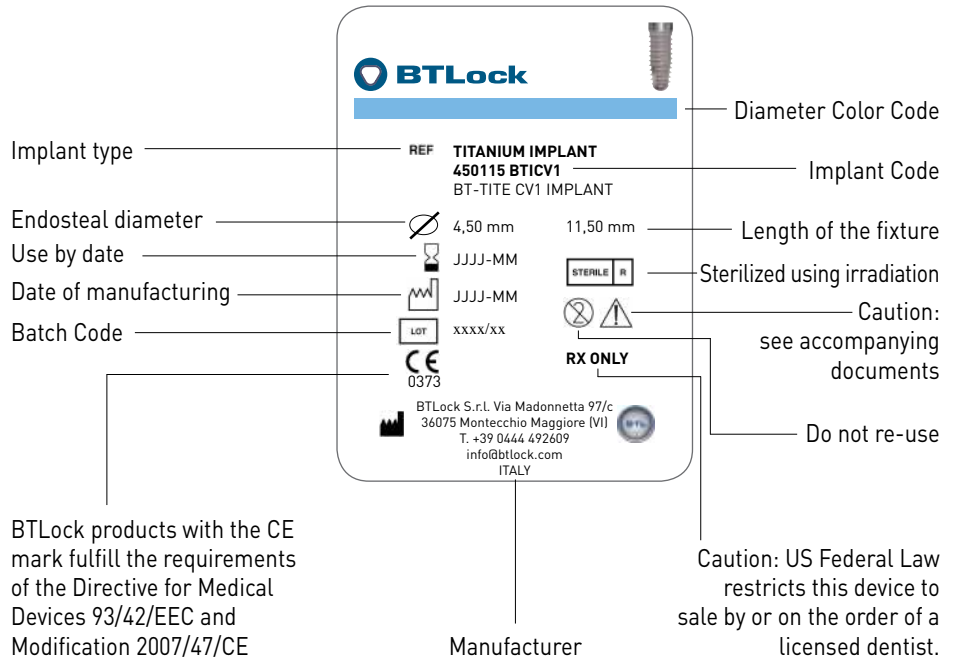
BTLock periodically verifies the validity of its sterilization process in external laboratories, both before and after the gamma-ray irradiation, which guarantee the sterility for 5 years (bioburden tests 5 years after the packaging are negative).

Please note: The packaging for BT-Tite CV3 fixtures and components is different from that of the other lines.





## EXAMPLE OF PRODUCT LABEL



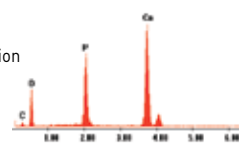
BTLock products with the CE mark fulfill the requirements of the Directive for Medical Devices 93/42/EEC and Modification 2007/47/CE

Caution: US Federal Law restricts this device to sale by or on the order of a licensed dentist.






FEATURES	BENEFITS
Conical Bevel HA Coated Surface	Absence of germs and bacteria infiltration in the peri-implant site 30% osteointegrating surface; higher primary stability

Surface analysis:  
no pollution agents.



Recommended choice for cases of less thick bone.

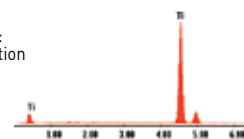
**Please note: at the end of the insertion, the concavity of the implant carrier must be leading to vestibular direction.**

			Length	Code		
 <b>∅ 3,30 mm</b> 	DESCRIPTION - Implant diameter: <b>3,30 mm</b> - Periodontal neck diameter: <b>3,50 mm</b> - Surface: HA Coated - Periodontal neck surface: machine-cut - HA Coating causes a 0,06 mm increase of surface thickness		8 mm	33008 BTIVHA		
			10 mm	33010 BTIVHA		
			11,5 mm	330115 BTIVHA		
			13 mm	33013 BTIVHA		
			16 mm	33016 BTIVHA		
 <b>∅ 3,75 mm</b>	DESCRIPTION - Implant diameter: <b>3,75 mm</b> - Periodontal neck diameter: <b>4,00 mm</b> - Surface: HA Coated - Periodontal neck surface: machine-cut - HA Coating causes a 0,06 mm increase of surface thickness		8 mm	37508 BTIVHA		
			10 mm	37510 BTIVHA		
			11,5 mm	375115 BTIVHA		
			13 mm	37513 BTIVHA		
			16 mm	37516 BTIVHA		
 <b>∅ 4,50 mm</b>	DESCRIPTION - Implant diameter: <b>4,50 mm</b> - Periodontal neck diameter: <b>4,70 mm</b> - Surface: HA Coated - Periodontal neck surface: machine-cut - HA Coating causes a 0,06 mm increase of surface thickness		8 mm	45008 BTIVHA		
			10 mm	45010 BTIVHA		
			11,5 mm	450115 BTIVHA		
			13 mm	45013 BTIVHA		
			16 mm	45016 BTIVHA		
 <b>∅ 5,50 mm</b>	DESCRIPTION - Implant diameter: <b>5,50 mm</b> - Periodontal neck diameter: <b>5,70 mm</b> - Surface: HA Coated - Periodontal neck surface: machine-cut - HA Coating causes a 0,06 mm increase of surface thickness		8 mm	55008 BTIVHA		
			10 mm	55010 BTIVHA		
			11,5 mm	550115 BTIVHA		
			13 mm	55013 BTIVHA		
			16 mm	55016 BTIVHA		
 <b>∅ 6,50 mm</b>	DESCRIPTION - Implant diameter: <b>6,50 mm</b> - Periodontal neck diameter: <b>6,70 mm</b> - Surface: HA Coated - Periodontal neck surface: machine-cut - HA Coating causes a 0,06 mm increase of surface thickness		10 mm	65010 BTIVHA		
			11,5 mm	650115 BTIVHA		
			13 mm	65013 BTIVHA		
			16 mm	65016 BTIVHA		









FEATURES	BENEFITS
Conical Bevel BT-Tite Surface	Absence of germs and bacteria infiltration in the peri-implant site High osteointegration; higher primary stability

Surface analysis:  
no pollution agents.



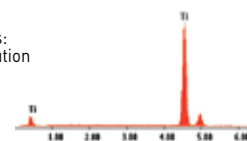
Recommended choice for professionals preferring a standard thread with BT-Tite Surface.

**Please note: at the end of the insertion, the concavity of the implant carrier must be leading to vestibular direction.**

			Length	Code		
 <b>∅ 3,30 mm</b> 	DESCRIPTION - Implant diameter: <b>3,30 mm</b> - Periodontal neck diameter: <b>3,50 mm</b> - Surface: BT-Tite - Periodontal neck surface: machine-cut		8 mm	33008 BTIVSM		
			10 mm	33010 BTIVSM		
			11,5 mm	330115 BTIVSM		
			13 mm	33013 BTIVSM		
			16 mm	33016 BTIVSM		
 <b>∅ 3,75 mm</b>	DESCRIPTION - Implant diameter: <b>3,75 mm</b> - Periodontal neck diameter: <b>4,00 mm</b> - Surface: BT-Tite - Periodontal neck surface: machine-cut		8 mm	37508 BTIVSM		
			10 mm	37510 BTIVSM		
			11,5 mm	375115 BTIVSM		
			13 mm	37513 BTIVSM		
			16 mm	37516 BTIVSM		
 <b>∅ 4,50 mm</b>	DESCRIPTION - Implant diameter: <b>4,50 mm</b> - Periodontal neck diameter: <b>4,70 mm</b> - Surface: BT-Tite - Periodontal neck surface: machine-cut		8 mm	45008 BTIVSM		
			10 mm	45010 BTIVSM		
			11,5 mm	450115 BTIVSM		
			13 mm	45013 BTIVSM		
			16 mm	45016 BTIVSM		
 <b>∅ 5,50 mm</b>	DESCRIPTION - Implant diameter: <b>5,50 mm</b> - Periodontal neck diameter: <b>5,70 mm</b> - Surface: BT-Tite - Periodontal neck surface: machine-cut		8 mm	55008 BTIVSM		
			10 mm	55010 BTIVSM		
			11,5 mm	550115 BTIVSM		
			13 mm	55013 BTIVSM		
			16 mm	55016 BTIVSM		
 <b>∅ 6,50 mm</b>	DESCRIPTION - Implant diameter: <b>6,50 mm</b> - Periodontal neck diameter: <b>6,70 mm</b> - Surface: BT-Tite - Periodontal neck surface: machine-cut		10 mm	65010 BTIVSM		
			11,5 mm	650115 BTIVSM		
			13 mm	65013 BTIVSM		
			16 mm	65016 BTIVSM		







FEATURES	BENEFITS
Deep Thread Conical Bevel DMA Surface	Optimization of the implant primary stability Absence of germs and bacteria infiltration in the peri-implant site Higher and better osteointegration; higher primary stability

Surface analysis:  
no pollution agents.



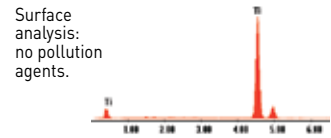
Recommended choice for post-extractive site and immediate load.

**Please note: at the end of the insertion, the concavity of the implant carrier must be leading to vestibular direction.**

			Length	Code
 <b>∅ 3,30 mm</b> 	DESCRIPTION - Implant diameter: <b>3,30 mm</b> - Periodontal neck diameter: <b>3,50 mm</b> - Surface: DMA - Periodontal neck surface: machine-cut		6,5 mm	330065 BTICV1
			8 mm	33008 BTICV1
			10 mm	33010 BTICV1
			11,5 mm	330115 BTICV1
			13 mm	33013 BTICV1
			16 mm	33016 BTICV1
		 <b>∅ 3,75 mm</b>	DESCRIPTION - Implant diameter: <b>3,75 mm</b> - Periodontal neck diameter: <b>4,00 mm</b> - Surface: DMA - Periodontal neck surface: machine-cut	
	8 mm			37508 BTICV1
	10 mm			37510 BTICV1
	11,5 mm			375115 BTICV1
	13 mm			37513 BTICV1
	16 mm			37516 BTICV1
 <b>∅ 4,50 mm</b>	DESCRIPTION - Implant diameter: - Periodontal neck diameter: - Surface: DMA - Periodontal neck surface: machine-cut			
			8 mm	45008 BTICV1
			10 mm	45010 BTICV1
			11,5 mm	450115 BTICV1
			13 mm	45013 BTICV1
			16 mm	45016 BTICV1
		 <b>∅ 5,50 mm</b>	DESCRIPTION - Implant diameter: <b>5,50 mm</b> - Periodontal neck diameter: <b>5,70 mm</b> - Surface: DMA - Periodontal neck surface: machine-cut	
	8 mm			55008 BTICV1
	10 mm			55010 BTICV1
	11,5 mm			550115 BTICV1
	13 mm			55013 BTICV1
	16 mm			55016 BTICV1
 <b>∅ 6,50 mm</b>	DESCRIPTION - Implant diameter: <b>6,50 mm</b> - Periodontal neck diameter: <b>6,70 mm</b> - Surface: DMA - Periodontal neck surface: machine-cut			
			11,5 mm	650115 BTICV1
			13 mm	65013 BTICV1
			16 mm	65016 BTICV1



FEATURES	BENEFITS
Conical Bevel Crestal Micro-grooves DMA Surface	Absence of germs and bacteria infiltration in the peri-implant site Optimization of the implant's primary stability Higher and better osteointegration



Recommended choice for stable crest and immediate load. In case of post-extractive sites, the implant has to be inserted some millimetres under the bone. **Please note: at the end of the insertion, the concavity of the implant carrier must be leading to vestibular direction.**

	Length	Code
	10 mm	33010 BTICV2
	11,5 mm	330115 BTICV2
	13 mm	33013 BTICV2
	16 mm	33016 BTICV2



∅ 3,30 mm



DESCRIPTION  
 - Implant diameter: **3,30 mm**  
 - Periodontal neck diameter: **3,50 mm**  
 - Surface: DMA  
 - Periodontal neck surface: double acid-etching



∅ 3,75 mm

DESCRIPTION  
 - Implant diameter: **3,75 mm**  
 - Periodontal neck diameter: **4,00 mm**  
 - Surface: DMA  
 - Periodontal neck surface: double acid-etching

Length	Code
8 mm	37508 BTICV2
10 mm	37510 BTICV2
11,5 mm	375115 BTICV2
13 mm	37513 BTICV2
16 mm	37516 BTICV2



∅ 4,50 mm

DESCRIPTION  
 - Implant diameter: **4,50 mm**  
 - Periodontal neck diameter: **4,70 mm**  
 - Surface: DMA  
 - Periodontal neck surface: double acid-etching

Length	Code
8 mm	45008 BTICV2
10 mm	45010 BTICV2
11,5 mm	450115 BTICV2
13 mm	45013 BTICV2
16 mm	45016 BTICV2



∅ 5,50 mm

DESCRIPTION  
 - Implant diameter: **5,50 mm**  
 - Periodontal neck diameter: **5,70 mm**  
 - Surface: DMA  
 - Periodontal neck surface: double acid-etching

Length	Code
8 mm	55008 BTICV2
10 mm	55010 BTICV2
11,5 mm	550115 BTICV2
13 mm	55013 BTICV2
16 mm	55016 BTICV2



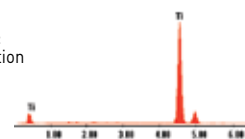
∅ 6,50 mm

DESCRIPTION  
 - Implant diameter: **6,50 mm**  
 - Periodontal neck diameter: **6,70 mm**  
 - Surface: DMA  
 - Periodontal neck surface: double acid-etching

Length	Code
10 mm	65010 BTICV2
11,5 mm	650115 BTICV2
13 mm	65013 BTICV2
16 mm	65016 BTICV2

FEATURES	BENEFITS
Platform Switching Longitudinal Grooves Conical Bevel DMA Surface	Stronger lock at the abutment level with reduction of infiltrations Self-threading and self-blocking; unloading of tensile forces and liquids Absence of germs and bacteria infiltration in the peri-implant site Higher and better osteointegration; higher primary stability

Surface analysis:  
no pollution agents.







Recommended choice for immediate load with stable crest and post-extractive sites, where it is advisable to insert the implant some millimetres under the bone.

**Please note: at the end of the insertion, the concavity of the implant carrier must be leading to vestibular direction.**

**The adoption of this implant line requires the use of prosthetic components that differ from all other components of BTLock's Implant Lines because they are specifically designed for the Platform Switching.**

For BT-Tite CV3 prosthetic components see p. 36

			Length	Code
 <b>∅ 3,75 mm</b> 	DESCRIPTION - Implant diameter: <b>3,75 mm</b> - Periodontal neck diameter: <b>3,75 mm</b> - Surface: DMA		6,5 mm	375065 BTICV3
			8 mm	37508 BTICV3
			10 mm	37510 BTICV3
			11,5 mm	375115 BTICV3
			13 mm	37513 BTICV3
			16 mm	37516 BTICV3
		 <b>∅ 4,50 mm</b>	DESCRIPTION - Implant diameter: <b>4,50 mm</b> - Periodontal neck diameter: <b>4,50 mm</b> - Surface: DMA	
	8 mm			45008 BTICV3
	10 mm			45010 BTICV3
	11,5 mm			450115 BTICV3
	13 mm			45013 BTICV3
	16 mm			45016 BTICV3
 <b>∅ 5,50 mm</b>	DESCRIPTION - Implant diameter: <b>5,50 mm</b> - Periodontal neck diameter: <b>5,50 mm</b> - Surface: DMA			
			8 mm	55008 BTICV3
			10 mm	55010 BTICV3
			11,5 mm	550115 BTICV3
			13 mm	55013 BTICV3
			16 mm	55016 BTICV3

# PROSTHETIC COMPONENTS

for  
HA Coated Standard, BT-Tite Standard,  
BT-Tite CV1, BT-Tite CV2 Lines



2  
1  
F  
7  
8  
6  
0  
D  
S  
A  
S  
E  
L  
7  
0  
S  
D  
A  
N  
1  
0  
6  
0  
A  
7  
0  
S  
V  
K  
N  
S  
A  
D

All the components described in the following pages can be sold separately.





SINGLE RESTORATION



CEMENTED RETAINED

							
Screwable Abutment	Standard Abutment	Shoulder Abutment	Aesthetic Abutment	Angled Abutment	Angled Aesthetic Abutment	Overturned Conical Abutment	Immediate Load Abutment with Fixed Cap

SCREWED AND CEMENTED RETAINED

									
Lock Castable Abutment	Widened Castable Abutment	Zirconium Abutment	Transmucosal Neck	Lock Passive Abutment	Lock Overmelting Transmucosal Neck	Lock Gold UCLA	Lock and Angled Screwable Abutment	Temporary Millable Abutment	Temporary Lock Abutment for Immediate Load























MULTIPLE RESTORATION



CEMENTED RETAINED






						
Standard Abutment	Shoulder Abutment	Aesthetic Abutment	Angled Abutment	Angled Aesthetic Abutment	Overturned Conical Abutment	Immediate Load Abutment with Rotational Cap

SCREWED AND CEMENTED RETAINED

										
Lock Castable Abutment	Widened Castable Abutment	Rotational Castable Abutment	Zirconium Abutment	Transmucosal Neck	Rotational Passive Abutment	Rotational Overmelting Transmucosal Neck	Rotational Gold UCLA	Lock and Angled Screwable Abutment	Temporary Millable Abutment	Temporary Lock Abutment for Immediate Load







BAR RETAINED

				
<p>Rotational Castable Abutment</p>	<p>Rotational Passive Abutment</p>	<p>Rotational and Lock Overmelting Transmucosal Neck</p>	<p>Rotational Gold UCLA</p>	<p>Lock and Angled Screwable Abutment</p>

OVERDENTURE

CAP RETAINED

	 <p>Overdenture Abutment with O-Ring</p>	 <p>Overdenture Abutment with Retaining Cap</p>	 <p>Overdenture Abutment with Cap</p>
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PAGE






















































 3,30 mm


 3,75 mm

 4,50 mm

 5,50 mm

 6,50 mm






25					
25					
25					
26					
26					
27					
28					
28					
28					
28					
29					
29					
29					
29					
30					
31					
32					
34					
35					
35					

The symbol  indicates that a 1,25 mm screwdriver has to be used to screw/unscrew these items.

## SURGICAL SCREW



- Surgical screw in titanium alloy to cover all BTLock fixtures.
- Included in the package with each fixture.
- Gamma-ray sterilized (both individually and together with the implant).
- To be screwed by standard screwdriver (BTICVQ) at 10 Ncm.
- No increase of vertical thickness.
- Friction threading.

	Diameter	Code
	3,30 mm	330 BTIVT
	3,75 mm	375 BTIVT
	4,50 mm	450 BTIVT
	5,50 mm	550 BTIVT
	6,50 mm	650 BTIVT

## HEALING SCREW



- Healing screw in titanium alloy.
- Gamma-ray sterilized.
- To be screwed by standard screwdriver (BTICVQ) at 10 Ncm.
- To lead soft tissues' healing without loss of bone attachment.
- Available in 5 transmucosal heights (2 - 3,5 - 5 - 6 - 7 mm), according to the gingival thickness.

	Diameter	h. 2mm	h. 3,5mm	h. 5mm	h. 6mm	h. 7mm
	3,30 mm	330A BTIVG	330B BTIVG	330C BTIVG	330D BTIVG	330E BTIVG
	3,75 mm	375A BTIVG	375B BTIVG	375C BTIVG	375D BTIVG	375E BTIVG
	4,50 mm	450A BTIVG	450B BTIVG	450C BTIVG	450D BTIVG	450E BTIVG
	5,50 mm	550A BTIVG	550B BTIVG	550C BTIVG	550D BTIVG	550E BTIVG
	6,50 mm	650A BTIVG	650B BTIVG	650C BTIVG	650D BTIVG	650E BTIVG

## WIDENED HEALING SCREW








- Healing screw in titanium alloy.
- Gamma-ray sterilized.
- To be screwed by standard screwdriver (BTICVQ) at 10 Ncm.
- To lead soft tissues' healing without loss of bone attachment.
- Available in 3 transmucosal heights (2 - 4 - 5 mm), according to the gingival thickness.
- To be used in case of widened emergencies.

	Diameter	h. 2mm	h. 4mm	h. 5mm
	3,30 mm	330AL BTIVG	330BL BTIVG	330CL BTIVG
	3,75 mm	375AL BTIVG	375BL BTIVG	375CL BTIVG
	4,50 mm	450AL BTIVG	450BL BTIVG	450CL BTIVG
	5,50 mm	550AL BTIVG	550BL BTIVG	550CL BTIVG
	6,50 mm	650AL BTIVG	650BL BTIVG	650CL BTIVG

## ANALOGUE



- Laboratory analogue in titanium alloy to be used with same-diameter BTLock components.

	Diameter	Code
	3,30 mm	330 BTIANL
	3,75 mm	375 BTIANL
	4,50 mm	450 BTIANL
	5,50 mm	550 BTIANL
	6,50 mm	650 BTIANL



RETENTIVE TRANSFER



- Laboratory transfer in titanium alloy for all the implants of the BTLock system.
- Available with long or short through screw for open or close tray technique.
- High retention with the impression material.
- To be used with fixtures and analogues with the same diameter, in case of high disparallelism and in multiple restorations.
- Long through screw included.

Diameter	Code
3,30 mm	330 BTITRL
3,75 mm	375 BTITRL
4,50 mm	450 BTITRL
5,50 mm	550 BTITRL
6,50 mm	650 BTITRL



- Available in 2 lengths (9 - 22 mm).
- To be screwed with BTLock screwdrivers at 10 Ncm.

Length	Code
9 mm	BTIVPS
22 mm	BTIVPL

TRANSFER



- Laboratory transfer in titanium alloy for all the implants of the BTLock system.
- Available with long or short through screw for open or close tray technique.
- The impression can be taken with its own retaining cap.
- It has to be used with fixtures and analogues with the same diameter.
- Short through screw and retaining cap included.

Diameter	Code
3,30 mm	330 BTITLC
3,75 mm	375 BTITLC
4,50 mm	450 BTITLC
5,50 mm	550 BTITLC
6,50 mm	650 BTITLC



- Available in 2 lengths (9 - 22 mm).
- To be screwed with BTLock screwdrivers at 10 Ncm.

Length	Code
9 mm	BTIVPS
22 mm	BTIVPL



- Retaining Cap for transfer.

Code
BTICPS

## SHORT THROUGH SCREW








- Through screw in titanium alloy included in the package with all castable and titanium abutments.
- To be screwed by standard screwdriver (BTICVQ) at 25 Ncm.

Code
BTIVPC

## LOCK CASTABLE ABUTMENT








- Plexiglass castable abutment.
- Antirotational.
- Indicated for disparallelism in single and multiple restorations.
- To be used only with BTLock analogues and transfers.
- To be used for the melted abutment technique, for cemented or screwed fixed prosthesis, and for the preparation of fixed elements to be inserted in the fixture.
- Through screw (BTIVPC) included.

Diameter	Code
 3,30 mm	330 BTIMCL
 3,75 mm	375 BTIMCL
 4,50 mm	450 BTIMCL
 5,50 mm	550 BTIMCL
 6,50 mm	650 BTIMCL

## ROTATIONAL CASTABLE ABUTMENT








- Plexiglass castable abutment.
- Rotational.
- To be used only with BTLock analogues and transfers.
- To be used for the melted abutment technique, for cemented or screwed fixed prosthesis, and for the preparation of fixed elements to be inserted in the fixture.
- Indicated for disparallelism in multiple restorations.
- Through screw (BTIVPC) included.

Diameter	Code
 3,30 mm	330 BTIMCR
 3,75 mm	375 BTIMCR
 4,50 mm	450 BTIMCR
 5,50 mm	550 BTIMCR
 6,50 mm	650 BTIMCR

## WIDENED LOCK CASTABLE ABUTMENT



- Plexiglass castable abutment.
- Antirotational.
- To be used only with BTLock analogues and transfers.
- To be used for the melted abutment technique, for cemented or screwed fixed prosthesis, and for the preparation of fixed elements to be inserted in the fixture.
- It can be prepared intra-orally.
- To be used in case of widened restorations and for disparallelism in single and multiple restorations.
- Through screw (BTIVPC) included.

Diameter	Code
 3,30 mm	330L BTIMCL
 3,75 mm	375L BTIMCL
 4,50 mm	450L BTIMCL
 5,50 mm	550L BTIMCL
 6,50 mm	650L BTIMCL



## TEMPORARY MILLABLE ABUTMENT



- Abutment designed with the exclusive BTLock system.
- To be used as temporary millable abutment.
- Indicated for single and multiple restorations.
- Through screw (BTIVPC) included.

Diameter	Code
3,30 mm	330L BTIMCL1
3,75 mm	375L BTIMCL1
4,50 mm	450L BTIMCL1
5,50 mm	550L BTIMCL1
6,50 mm	650L BTIMCL1

## SCREWABLE ABUTMENT



- Screwable abutment in titanium alloy for all the fixtures of the BTLock system.
- Rotational.
- To be screwed with standard screwdriver (BTICVQ).

Diameter	Code
3,30 mm	330 BTIPMA
3,75 mm	375 BTIPMA
4,50 mm	450 BTIPMA
5,50 mm	550 BTIPMA
6,50 mm	650 BTIPMA

## STANDARD ABUTMENT



- Abutment in titanium alloy with exclusive connection BTLock with the fixture.
- No need of analogues or transfers.
- Antirotational.
- Indicated for single restorations in posterior sites and where high occlusal stress occurs.
- Through screw (BTIVPC) included.

Diameter	Code
3,30 mm	330 BTIPML
3,75 mm	375 BTIPML
4,50 mm	450 BTIPML
5,50 mm	550 BTIPML
6,50 mm	650 BTIPML

## OVERTURNED CONICAL ABUTMENT








- Abutment in titanium alloy.
- Antirotational.
- Indicated for high occlusal stress and disparallelism.
- Suitable to correct disparallelism up to 15°.
- Through screw (BTIVPC) included.

Diameter	Code
3,30 mm	330 BTIPMCR
3,75 mm	375 BTIPMCR
4,50 mm	450 BTIPMCR
5,50 mm	550 BTIPMCR
6,50 mm	650 BTIPMCR

## SHOULDER ABUTMENT








- Abutment in titanium alloy.
- Antirotational.
- Available in 3 heights (1 - 2 - 3 mm) according to the gingival thickness.
- Indicated for high occlusal stress.
- Through screw (BTIVPC) included.

	Diameter	h. 1mm	h. 2mm	h. 3mm
	3,30 mm	330A BTIPMLS	330B BTIPMLS	330C BTIPMLS
	3,75 mm	375A BTIPMLS	375B BTIPMLS	375C BTIPMLS
	4,50 mm	450A BTIPMLS	450B BTIPMLS	450C BTIPMLS
	5,50 mm	550A BTIPMLS	550B BTIPMLS	550C BTIPMLS
	6,50 mm	650A BTIPMLS	650B BTIPMLS	650C BTIPMLS

## AESTHETIC ABUTMENT








- Abutment in titanium alloy.
- Antirotational.
- Available in 2 heights (1 - 2 mm) according to the gingival thickness.
- Indicated for single restorations in anterior sites.
- Through screw (BTIVPC) included.

	Diameter	h. 1mm	h. 2mm
	3,30 mm	330A BTIPMLE	330B BTIPMLE
	3,75 mm	375A BTIPMLE	375B BTIPMLE
	4,50 mm	450A BTIPMLE	450B BTIPMLE
	5,50 mm	550A BTIPMLE	550B BTIPMLE
	6,50 mm	650A BTIPMLE	650B BTIPMLE

## ANGLED ABUTMENT








- Abutment in titanium alloy.
- Antirotational.
- Available in 3 inclinations (10°-18°-25°).
- Indicated for disparallelism and high occlusal stress.
- Through screw (BTIVPC) included.

	Diameter	Incl. 10°	Incl. 18°	Incl. 25°
	3,30 mm	330A BTIPMLI	330B BTIPMLI	330C BTIPMLI
	3,75 mm	375A BTIPMLI	375B BTIPMLI	375C BTIPMLI
	4,50 mm	450A BTIPMLI	450B BTIPMLI	450C BTIPMLI
	5,50 mm	550A BTIPMLI	550B BTIPMLI	550C BTIPMLI
	6,50 mm	650A BTIPMLI	650B BTIPMLI	not available

## AESTHETIC ANGLED ABUTMENT



- Abutment in titanium alloy.
- Antirotational.
- Available in 1 height (1 mm) and 2 inclinations (10°-18°).
- Indicated for single restorations in anterior sites.
- Through screw (BTIVPC) included.

	Diameter	Incl. 10°	Incl. 18°
	3,30 mm	330A BTIPMLIE	330B BTIPMLIE
	3,75 mm	375A BTIPMLIE	375B BTIPMLIE
	4,50 mm	450A BTIPMLIE	450B BTIPMLIE
	5,50 mm	550A BTIPMLIE	550B BTIPMLIE
	6,50 mm	650A BTIPMLIE	not available



**LOCK GOLD UCLA**



- Abutment in gold alloy for UCLA technique.
- Antirotational.
- Available in 1 height (1 mm).
- Indicated for single and multiple restorations.
- Castable and through screw (BTIVPC) included.

Diameter	UCLA	Code
3,30 mm	330A BTIUOL	330 BTICSF
3,75 mm	375A BTIUOL	375 BTICSF
4,50 mm	450A BTIUOL	450 BTICSF
5,50 mm	550A BTIUOL	550 BTICSF
6,50 mm	not available	not available

**ROTATIONAL GOLD UCLA**



- Abutment in gold alloy for UCLA technique.
- Rotational.
- Available in 1 height (1 mm).
- Indicated for multiple restorations.
- Castable and through screw (BTIVPC) included.

Diameter	UCLA	Castable
3,30 mm	330A BTIUOR	330 BTICSF
3,75 mm	375A BTIUOR	375 BTICSF
4,50 mm	450A BTIUOR	450 BTICSF
5,50 mm	550A BTIUOR	550 BTICSF
6,50 mm	not available	not available

**TRANSMUCOSAL NECK**



- Transmucosal neck in titanium alloy.
- Antirotational.
- Available in 3 heights (1,7 - 2,7 - 3,7 mm) according to the gingival thickness.
- Indicated in case of disparallelism and for high occlusal stress in single and multiple restorations.
- Through screw included.

Diameter	h. 1,7mm	h. 2,7mm	h. 3,7mm
3,30 mm	330B BTIMTL	330C BTIMTL	330D BTIMTL
3,75 mm	375B BTIMTL	375C BTIMTL	375D BTIMTL
4,50 mm	450B BTIMTL	450C BTIMTL	450D BTIMTL
5,50 mm	550B BTIMTL	550C BTIMTL	550D BTIMTL
6,50 mm	650B BTIMTL	650C BTIMTL	650D BTIMTL



- Plexiglass castable to be used with transmucosal neck.
- Not included.

Diameter	Code
3,30 mm	330 BTICTX
3,75 mm	375 BTICTX
4,50 mm	450 BTICTX
5,50 mm	550 BTICTX
6,50 mm	650 BTICTX



- Through screw in titanium alloy.
- Available in 3 different heights (1,7 - 2,7 - 3,7 mm) according to the transmucosal neck height.
- To be screwed at 25 Ncm.

Length	Code
1,7 mm	170 BTIVPT
2,7 mm	270 BTIVPT
3,7 mm	370 BTIVPT



### LOCK OVERMELTING TRANSMUCOSAL NECK



- Transmucosal neck in titanium alloy.
- Antirotational.
- Available in 2 heights (1,7 - 2,7 mm) according to the gingival thickness.
- Indicated for disparallelism, in case of high occlusal stress and for single or multiple restorations.
- Indicated for overmelting in titanium.
- Castable not included.

Diameter	h. 1,7 mm	h. 2,7mm	Castable
3,30 mm	330B BTICTLS	330C BTICTLS	330 BTICSF
3,75 mm	375B BTICTLS	375C BTICTLS	375 BTICSF
4,50 mm	450B BTICTLS	450C BTICTLS	450 BTICSF
5,50 mm	550B BTICTLS	550C BTICTLS	550 BTICSF
6,50 mm	650B BTICTLS	650C BTICTLS	650 BTICSF

### ROTATIONAL OVERMELTING TRANSMUCOSAL NECK



- Transmucosal neck in titanium alloy.
- Rotational.
- Available in 2 heights (1,7 - 2,7 mm) according to the gingival thickness.
- Indicated for disparallelism, in case of high occlusal stress and multiple restorations.
- Indicated for overmelting in titanium.
- Castable not included.

Diameter	h. 1,7mm	h. 2,7mm	Castable
3,30 mm	330B BTICTRS	330C BTICTRS	330 BTICSF
3,75 mm	375B BTICTRS	375C BTICTRS	375 BTICSF
4,50 mm	450B BTICTRS	450C BTICTRS	450 BTICSF
5,50 mm	550B BTICTRS	550C BTICTRS	550 BTICSF
6,50 mm	650B BTICTRS	650C BTICTRS	650 BTICSF

### SCREWABLE LOCK AND ANGLED ABUTMENTS



- Straight lock neck in titanium alloy.
- Available in 4 heights (1 - 2,5 - 4 - 5,5 mm) according to the gingival thickness.
- Indicated for disparallelism, in case of high occlusal stress and in single restorations.
- Indicated for bar-retained restorations and screwable technique.
- Through screw included.



- Castable for straight lock abutments with through screw.
- Not included.

Diameter	h. 1mm	h. 2,5mm	h. 4mm	h. 5,5mm	Castable
3,30 mm	330A BTIMP2	330B BTIMP2	330C BTIMP2	330D BTIMP2	330 BTICMP2
3,75 mm	375A BTIMP2	375B BTIMP2	375C BTIMP2	375D BTIMP2	375 BTICMP2
4,50 mm	450A BTIMP2	450B BTIMP2	450C BTIMP2	450D BTIMP2	450 BTICMP2
5,50 mm	550A BTIMP2	550B BTIMP2	550C BTIMP2	550D BTIMP2	550 BTICMP2
6,50 mm	650A BTIMP2	650B BTIMP2	650C BTIMP2	650D BTIMP2	650 BTICMP2



- Lock neck in titanium alloy.
- Available in 2 inclinations (15° - 25°) and 2 heights (1 - 2,5 mm) according to the gingival thickness.
- Indicated for disparallelism, in case of high occlusal stress and in single or multiple restorations.
- Indicated for screwable technique.
- Through screw included.

Diameter	h. 1mm - 15°	h. 1mm - 25°	h. 2,5mm - 15°	h. 2,5mm - 25°	Castable
3,30 mm	330A BTIMP15	330A BTIMP25	330B BTIMP15	330B BTIMP25	330 BTICMP12
3,75 mm	375A BTIMP15	375A BTIMP25	375B BTIMP15	375B BTIMP25	375 BTICMP12
4,50 mm	450A BTIMP15	450A BTIMP25	450B BTIMP15	450B BTIMP25	450 BTICMP12
5,50 mm	550A BTIMP15	550A BTIMP25	550B BTIMP15	550B BTIMP25	550 BTICMP12
6,50 mm	650A BTIMP15	650A BTIMP25	650B BTIMP15	650B BTIMP25	650 BTICMP12



- Castable for angled screwable abutments with through screw.
- Not included.



- Screwable closing cap.

Diameter	Code
3,30 mm	330 BTICPMP2
3,75 mm	375 BTICPMP2
4,50 mm	450 BTICPMP2
5,50 mm	550 BTICPMP2
6,50 mm	650 BTICPMP2



- Titanium abutment with through screw for straight screwable lock abutment.  
- Through screw included.

Diameter	Code
3,30 mm	330 BTIMP2
3,75 mm	375 BTIMP2
4,50 mm	450 BTIMP2
5,50 mm	550 BTIMP2
6,50 mm	650 BTIMP2



- Titanium abutment with through screw for angled screwable lock abutment.  
- Through screw included.

Diameter	Code
3,30 mm	330 BTIMP12
3,75 mm	375 BTIMP12
4,50 mm	450 BTIMP12
5,50 mm	550 BTIMP12
6,50 mm	650 BTIMP12



- Short through screw.

Code
BTIVPMP2



- Long through screw to connect fixture and straight lock abutment.  
- Available in 4 lengths (1 - 2,5 - 4 - 5,5 mm).  
- To be screwed with the screwdriver for screwable abutments (155 BTICV, see p. 55).

Abutment length	Code
1 mm	BTIVPMPA2
2,5 mm	BTIVPMPB2
4 mm	BTIVPMPC2
5,5 mm	BTIVMPD2



- Through screw in titanium alloy to connect fixture and angled lock abutment.

Code
BTIVPC1

**LOCK ZIRCONIUM-TITANIUM ABUTMENT**



- Zirconium abutment with base in titanium to be used for aesthetic solutions in anterior sites.  
- Through screw included.

Diameter	Code
3,30 mm	330 BTIPMZT
3,75 mm	375 BTIPMZT
4,50 mm	450 BTIPMZT
5,50 mm	550 BTIPMZT
6,50 mm	not available



- Through screw in titanium alloy for zirconium abutment.

Code
BTIVPC1

TRANSFER AND ANALOGUE FOR PASSIVE ABUTMENT



- Laboratory analogue made of titanium alloy to be used along with transfer for passive abutment.
- Transfer for impression to be used only for passive abutment (BTIMP1) and straight lock abutment (BTIMP2).
- Short screw with cap or long screw included in the transfer package.

**Please note: short screw or long screw for transfer are meant only for laboratory use. For impression, use the specific screw for passive abutment according to the abutment height.**

	Diameter	Analogue	Transfer
	3,30 mm	330 BTIANP1	330 BTITMP1
	3,75 mm	375 BTIANP1	375 BTITMP1
	4,50 mm	450 BTIANP1	450 BTITMP1
	5,50 mm	550 BTIANP1	550 BTITMP1
	6,50 mm	650 BTIANP1	650 BTITMP1

LOCK AND ROTATIONAL PASSIVE ABUTMENT



- Lock passive abutment in titanium alloy.
- Antirotational.
- Available in 3 heights (0 - 1 - 2 mm) according to the gingival thickness.
- Suitable for single restorations and bar retained solutions in the anterior and posterior areas.
- Through screw included.

	Diameter	h. 0mm	h. 1mm	h. 2mm
	3,30 mm	330A BTIMP1	330B BTIMP1	330C BTIMP1
	3,75 mm	375A BTIMP1	375B BTIMP1	375C BTIMP1
	4,50 mm	450A BTIMP1	450B BTIMP1	450C BTIMP1
	5,50 mm	550A BTIMP1	550B BTIMP1	550C BTIMP1
	6,50 mm	650A BTIMP1	650B BTIMP1	650C BTIMP1



- Passive abutment in titanium alloy.
- Rotational.
- Available in 3 heights (0 - 1 - 2 mm) according to the gingival thickness.
- Suitable for single restorations and bar retained solutions in the anterior and posterior areas.
- Through screw included.

	Diameter	h. 0mm	h. 1mm	h. 2mm
	3,30 mm	330A BTIMPR1	330B BTIMPR1	330C BTIMPR1
	3,75 mm	375A BTIMPR1	375B BTIMPR1	375C BTIMPR1
	4,50 mm	450A BTIMPR1	450B BTIMPR1	450C BTIMPR1
	5,50 mm	550A BTIMPR1	550B BTIMPR1	550C BTIMPR1
	6,50 mm	650A BTIMPR1	650B BTIMPR1	650C BTIMPR1



- Short through screw in titanium alloy for passive lock and rotational abutments.
- Available in 3 lengths according to the height of the abutment.

Abutment length	Code
0 mm	BTIVMPA1
1 mm	BTIVMPB1
2 mm	BTIVMPC1



- Castable for passive lock and rotational abutments.
- Not included.

Diameter	Code
	3,30 mm 330 BTICMP1
	3,75 mm 375 BTICMP1
	4,50 mm 450 BTICMP1
	5,50 mm 550 BTICMP1
	6,50 mm 650 BTICMP1



IMMEDIATE LOAD ABUTMENT WITH ROTATIONAL CAP



- Lock abutment in titanium alloy.
- Suitable for provisional prosthetic solutions for single and multiple restorations.
- Suitable for immediate load.
- Cementable cap and through screw included.

Diameter	Code	Cap
3,30 mm	330 BTIMP3	330 BTICAPMP3
3,75 mm	375 BTIMP3	375 BTICAPMP3
4,50 mm	450 BTIMP3	450 BTICAPMP3
5,50 mm	550 BTIMP3	550 BTICAPMP3
6,50 mm	650 BTIMP3	650 BTICAPMP3

IMMEDIATE LOAD ABUTMENT WITH FIXED CAP



- Lock abutment in titanium alloy.
- Suitable for provisional prosthetic solutions for single and multiple restorations.
- Suitable for immediate load.
- Cementable cap and through screw included.

Diameter	Code	Cap
3,30 mm	330 BTIMP4	330 BTICAPMP4
3,75 mm	375 BTIMP4	375 BTICAPMP4
4,50 mm	450 BTIMP4	450 BTICAPMP4
5,50 mm	550 BTIMP4	550 BTICAPMP4
6,50 mm	650 BTIMP4	650 BTICAPMP4

TEMPORARY LOCK ABUTMENT FOR IMMEDIATE LOAD



- Lock abutment in titanium alloy.
- To be used for provisional prosthesis in single restorations.
- Immediate load.
- The retention grooves help to fix the acrylic material of the provisional prosthesis.
- Through screw included.

Diameter	Code
3,30 mm	330 BTIPML1
3,75 mm	375 BTIPML1
4,50 mm	450 BTIPML1
5,50 mm	550 BTIPML1
6,50 mm	650 BTIPML1

TEMPORARY ROTATIONAL ABUTMENT FOR IMMEDIATE LOAD



- Rotational abutment in titanium alloy.
- To be used for provisional prosthesis in multiple restorations.
- Immediate load.
- The retention grooves help to fix the acrylic material of the provisional prosthesis.
- Through screw included.

Diameter	Code
3,30 mm	330 BTIPMR1
3,75 mm	375 BTIPMR1
4,50 mm	450 BTIPMR1
5,50 mm	550 BTIPMR1
6,50 mm	650 BTIPMR1

## OVERDENTURE ABUTMENT WITH RETAINING CAP



- Abutment in titanium alloy for overdenture technique.
- Available in 3 heights (0 - 1 - 2,7 mm) according to the gingival thickness.
- Ball radius 1,50 mm.
- Retaining cap included.

	Diameter	h. 0mm	h. 1mm	h. 2,7mm
	3,30 mm	330 BTIPMOC	330A BTIPMOC	330C BTIPMOC
	3,75 mm	375 BTIPMOC	375A BTIPMOC	375C BTIPMOC
	4,50 mm	450 BTIPMOC	450A BTIPMOC	450C BTIPMOC
	5,50 mm	550 BTIPMOC	550A BTIPMOC	550C BTIPMOC
	6,50 mm	650 BTIPMOC	650A BTIPMOC	650C BTIPMOC



- Retaining Cap.

**Code**

BTICAP1

## OVERDENTURE ABUTMENT WITH O-RING



- Abutment in titanium alloy (grade V) for overdenture technique.
- Available in 3 heights (0 - 1 - 2,7 mm) according to the gingival thickness.
- Ball radius 1,125 mm.
- Metal and silicone o-ring included.

	Diameter	h. 0mm	h. 1mm	h. 2,7mm
	3,30 mm	330 BTIPMOR	330A BTIPMOR	330C BTIPMOR
	3,75 mm	375 BTIPMOR	375A BTIPMOR	375C BTIPMOR
	4,50 mm	450 BTIPMOR	450A BTIPMOR	450C BTIPMOR
	5,50 mm	550 BTIPMOR	550A BTIPMOR	550C BTIPMOR
	6,50 mm	650 BTIPMOR	650A BTIPMOR	650C BTIPMOR



- Metal o-ring cap.

**Code**

BTIGO



- O-ring. 10-piece package.

**Code**

BTIOR

## OVERDENTURE ABUTMENT WITH CAP



- Abutment in titanium alloy (grade V) for overdenture technique.
- Available in 3 heights (0 - 1 - 2,7 mm) according to the gingival thickness.
- Ball radius 1,125 mm.
- Metal cap and silicone o-ring included.

	Diameter	h. 0mm	h. 1mm	h. 2,7mm
	3,30 mm	330 BTIPMOCO	330A BTIPMOCO	330C BTIPMOCO
	3,75 mm	375 BTIPMOCO	375A BTIPMOCO	375C BTIPMOCO
	4,50 mm	450 BTIPMOCO	450A BTIPMOCO	450C BTIPMOCO
	5,50 mm	550 BTIPMOCO	550A BTIPMOCO	550C BTIPMOCO
	6,50 mm	650 BTIPMOCO	650A BTIPMOCO	650C BTIPMOCO



- Metal cap.

**Code**

BTICO



- O-ring. 10-piece package.

**Code**

BTIOR

36 PROSTHETIC COMPONENTS  
for  
BT-Tite CV3 Line



Please note: The adoption of this implant line requires the use of prosthetic components that differ from all other components of BTLock's Implant Lines because they are specifically designed for the Platform Switching.

### HEALING SCREW



- Healing screw in titanium alloy.
- Gamma-ray sterilized.
- To be screwed by standard screwdriver (BTICVQ) at 10 Ncm.
- To lead soft tissues' healing without loss of bone attachment.
- Available in 6 transmucosal heights (0 - 2 - 3,5 - 5 - 6 - 7 mm), according to the gingival thickness.

Diameter	h. 0mm	h. 2mm	h. 3,5mm	h. 5mm	h. 6mm	h. 7mm
3,75 mm	375 BTIVG3	375A BTIVG3	375B BTIVG3	375C BTIVG3	375D BTIVG3	375E BTIVG3
4,50 mm	450 BTIVG3	450A BTIVG3	450B BTIVG3	450C BTIVG3	450D BTIVG3	450E BTIVG3
5,50 mm	550 BTIVG3	550A BTIVG3	550B BTIVG3	550C BTIVG3	550D BTIVG3	550E BTIVG3

### ANALOGUE



- Laboratory analogue in titanium alloy to be used with same-diameter BTLock's BT-Tite CV3 components.

Diameter	Code
3,75 mm	375 BTIANL3
4,50 mm	450 BTIANL3
5,50 mm	550 BTIANL3

### RETENTIVE TRANSFER



- Laboratory transfer in titanium alloy.
- High retention with the impression material.
- To be used with fixtures and analogues with the same diameter, in case of high disparallelism and in multiple restorations.
- Long through screw (BTIVPL) included.

Diameter	Code
3,75 mm	375 BTITRL3
4,50 mm	450 BTITRL3
5,50 mm	550 BTITRL3

### TRANSFER WITH CAP



- Laboratory transfer in titanium alloy.
- High retention with the impression material.
- Short through screw (BTIVPS) and retaining cap (BTICPS) included.

Diameter	Code
3,75 mm	375 BTITLC3
4,50 mm	450 BTITLC3
5,50 mm	550 BTITLC3

### CASTABLE ABUTMENT



- Plexiglass castable abutment.
- Antirotational.
- To be used only with BTLock analogues and transfers designed for CV3 line.
- To be used for the melted abutment technique, for cemented or screwed fixed prosthesis, and for the preparation of fixed elements to be inserted in the fixture.
- Indicated for disparallelism in single and multiple restorations.

Diameter	Code
3,75 mm	375 BTIMCL3
4,50 mm	450 BTIMCL3
5,50 mm	550 BTIMCL3








## STANDARD ABUTMENT






- Abutment in titanium alloy with exclusive connection BTLock with the fixture.
- No need of analogues or transfers.
- Antirotational.
- Indicated for single restorations in posterior sites and where high occlusal stress occurs.

	Diameter	Code
	3,75 mm	375 BTIPML3
	4,50 mm	450 BTIPML3
	5,50 mm	550 BTIPML3

## OVERTURNED CONICAL ABUTMENT






- Abutment in titanium alloy.
- Antirotational.
- Indicated for high occlusal stress and disparallelism.
- Suitable to correct disparallelism up to 15°.
- Through screw (BTIVPC) included.

	Diameter	Code
	3,75 mm	375 BTIPMCR3
	4,50 mm	450 BTIPMCR3
	5,50 mm	550 BTIPMCR3

## ANGLED ABUTMENT






- Abutment in titanium alloy.
- Antirotational.
- Through screw (BTIVPC) included in the package.
- Available in 3 inclinations (10°-18°-25°).
- Indicated for disparallelism and high occlusal stress.

	Diameter	Incl. 10°	Incl. 18°	Incl. 25°
	3,75 mm	375A BTIPMLI3	375B BTIPMLI3	375C BTIPMLI3
	4,50 mm	450A BTIPMLI3	450B BTIPMLI3	450C BTIPMLI3
	5,50 mm	550A BTIPMLI3	550B BTIPMLI3	550C BTIPMLI3

## SHOULDER ABUTMENT






- Abutment in titanium alloy.
- Antirotational.
- Through screw (BTIVPC) included.
- Available in 3 heights (1 - 2 - 3 mm) according to the gingival thickness.
- Indicated for high occlusal stress.

	Diameter	h. 1mm	h. 2mm	h. 3mm
	3,75 mm	375A BTIPMLS3	375B BTIPMLS3	375C BTIPMLS3
	4,50 mm	450A BTIPMLS3	450B BTIPMLS3	450C BTIPMLS3
	5,50 mm	550A BTIPMLS3	550B BTIPMLS3	550C BTIPMLS3

## ZIRCONIUM-TITANIUM ABUTMENT






- Zirconium abutment with base in titanium to be used for aesthetic solutions in anterior sites.
- Through screw included (BTIVPC1).

	Diameter	Code
	3,75 mm	375 BTIPMZT3
	4,50 mm	450 BTIPMZT3
	5,50 mm	550 BTIPMZT3

## LOCK GOLD UCLA



- Abutment in gold alloy for UCLA technique.
- Antirotational.
- Available in 1 height (1 mm).
- Indicated for single and multiple restorations.
- Castable and through screw included.

	Diameter	UCLA	Castable
	3,75 mm	375A BTIUOL3	375 BTICSF3
	4,50 mm	450A BTIUOL3	450 BTICSF3
	5,50 mm	550A BTIUOL3	550 BTICSF3



## LOCK OVERMELTING TRANSMUCOSAL NECK

○



- Transmucosal neck in titanium alloy.
- Antirotational.
- Available in 2 heights (1,7 - 2,7 mm) according to the gingival thickness.
- Indicated for disparallelism, in case of high occlusal stress and for single or multiple restorations.
- Indicated for overmelting in titanium.
- Through screw included.
- Castable not included.

Diameter	h. 1,7mm	h. 2,7mm	Castable
3,75 mm	375B BTICTLS3	375C BTICTLS3	375 BTICSF3
4,50 mm	450B BTICTLS3	450C BTICTLS3	450 BTICSF3
5,50 mm	550B BTICTLS3	550C BTICTLS3	550 BTICSF3

## IMMEDIATE LOAD ABUTMENT WITH ROTATIONAL CAP

○



- Lock abutment in titanium alloy.
- Suitable for provisional prosthetic solutions for single and multiple restorations.
- Suitable for immediate load.
- Cementable cap and through screw included.

Diameter	Code	Cap
3,75 mm	375 BTIMP33	375 BTICAPMP33
4,50 mm	450 BTIMP33	450 BTICAPMP33
5,50 mm	550 BTIMP33	550 BTICAPMP33

## IMMEDIATE LOAD ABUTMENT WITH FIXED CAP

○



- Lock abutment in titanium alloy.
- Suitable for provisional prosthetic solutions for single and multiple restorations.
- Suitable for immediate load.
- Cementable cap and through screw included.

Diameter	Code	Cap
3,75 mm	375 BTIMP43	375 BTICAPMP43
4,50 mm	450 BTIMP43	450 BTICAPMP43
5,50 mm	550 BTIMP43	550 BTICAPMP43

## TEMPORARY LOCK ABUTMENT FOR IMMEDIATE LOAD

○



- Lock abutment in titanium alloy.
- To be used for provisional prosthesis in single restorations.
- Immediate load.
- The retention grooves help to fix the acrylic material of the provisional prosthesis.
- Through screw included.

Diameter	Code
3,75 mm	375 BTIPML13
4,50 mm	450 BTIPML13
5,50 mm	550 BTIPML13



OVERDENTURE ABUTMENT WITH RETAINING CAP



- Abutment in titanium alloy for overdenture technique.
- Available in 3 heights (0 - 1 - 2,7 mm) according to the gingival thickness.
- Ball radius 1,50 mm.
- Retaining cap included.

Diameter	h. 0mm	h. 1mm	h. 2,7mm
3,75 mm	375 BTIPMOC3	375A BTIPMOC3	375C BTIPMOC3
4,50 mm	450 BTIPMOC3	450A BTIPMOC3	450C BTIPMOC3
5,50 mm	550 BTIPMOC3	550A BTIPMOC3	550C BTIPMOC3

- Retaining Cap.

<b>Code</b>
BTICAP1

OVERDENTURE ABUTMENT WITH CAP



- Abutment in titanium alloy (grade V) for overdenture technique.
- Available in 3 heights (0 - 1 - 2,7 mm) according to the gingival thickness.
- Ball radius 1,125 mm.
- Metal cap and silicone o-ring included.

Diameter	h. 0mm	h. 1mm	h. 2,7mm
3,75 mm	375 BTIPMOC03	375A BTIPMOC03	375C BTIPMOC03
4,50 mm	450 BTIPMOC03	450A BTIPMOC03	450C BTIPMOC03
5,50 mm	550 BTIPMOC03	550A BTIPMOC03	550C BTIPMOC03

- Metal cap.

<b>Code</b>
BTICO

- O-ring. 10-piece package.

<b>Code</b>
BTIOR

OVERDENTURE ABUTMENT WITH O-RING



- Abutment in titanium alloy (grade V) for overdenture technique.
- Available in 3 heights (0 - 1 - 2,7 mm) according to the gingival thickness.
- Ball radius 1,125 mm.
- Metal and silicone o-ring included.

Diameter	h. 0mm	h. 1mm	h. 2,7 mm
3,75 mm	375 BTIPMOR3	375A BTIPMOR3	375C BTIPMOR3
4,50 mm	450 BTIPMOR3	450A BTIPMOR3	450C BTIPMOR3
5,50 mm	550 BTIPMOR3	550A BTIPMOR3	550C BTIPMOR3

- Metal o-ring cap.

<b>Code</b>
BTIGO




- O-ring. 10-piece package.

<b>Code</b>
BTIOR

## TRANSFER AND ANALOGUE FOR PASSIVE ABUTMENT



- Laboratory analogue made of titanium alloy to be used along with transfer for passive abutment.
- Transfer for impression to be used only for passive abutment (BTIMP13) and straight lock abutment (BTIMP23).
- Short screw with cap or long screw included in the transfer package.




	Diameter	Analogue	Transfer
	3,75 mm	375 BTIANP3	375 BTITMP3
	4,50 mm	450 BTIANP3	450 BTITMP3
	5,50 mm	550 BTIANP3	550 BTITMP3

**Please note: short screw or long screw for transfer are meant only for laboratory use. For impression, use the specific screw for passive abutment according to the abutment height.**

## LOCK PASSIVE ABUTMENT






- Lock passive abutment in titanium alloy.
- Antirotational.
- Available in 3 heights (0 - 1 - 2 mm) according to the gingival thickness.
- Suitable for single restorations and bar retained solutions in the anterior and posterior areas.
- Through screw included.

Diameter	h. 0mm	h. 1mm	h. 2mm
	375A BTIMP13	375B BTIMP13	375C BTIMP13
	450A BTIMP13	450B BTIMP13	450C BTIMP13
	550A BTIMP13	550B BTIMP13	550C BTIMP13



- Castable for passive lock and rotational abutments.
- Not included.

Diameter	Code
	375 BTICMP13
	450 BTICMP13
	550 BTICMP13




## STRAIGHT LOCK ABUTMENT



- Straight lock neck in titanium alloy.
- Available in 4 heights (1 - 2,5 - 4 - 5,5 mm) according to the gingival thickness.
- Indicated for disparallelism, in case of high occlusal stress and in single restorations.
- Indicated for bar-retained restorations and screwable technique.
- Through screw included.



- Castable for straight lock abutments with through screw.
- Not included.

Diameter	h. 1mm	h. 2,5mm	h. 4mm	h. 5,5mm	Castable
	375A BTIMP23	375B BTIMP23	375C BTIMP23	375D BTIMP23	375 BTICMP23
	450A BTIMP23	450B BTIMP23	450C BTIMP23	450D BTIMP23	450 BTICMP23
	550A BTIMP23	550B BTIMP23	550C BTIMP23	550D BTIMP23	550 BTICMP23






## SCREWABLE ANGLED ABUTMENTS



- Lock neck in titanium alloy.
- Available in 2 inclinations (15° - 25°) and 2 heights (1 - 2,5 mm) according to the gingival thickness.
- Indicated for disparallelism, in case of high occlusal stress and in single or multiple restorations.
- Indicated for screwable technique.
- Through screw included.



- Castable for angled screwable abutments with through screw.
- Not included.

	Diameter	h. 1mm - 15°	h. 1mm - 25°	h. 2,5mm - 15°	h. 2,5mm - 25°	Castable
	3,75 mm	375A BTIMPI153	375A BTIMPI253	375B BTIMPI153	375B BTIMPI253	375 BTICMPI23
	4,50 mm	450A BTIMPI153	450A BTIMPI253	450B BTIMPI153	450B BTIMPI253	450 BTICMPI23
	5,50 mm	550A BTIMPI153	550A BTIMPI253	550B BTIMPI153	550B BTIMPI253	550 BTICMPI23

MINI, MINI SINGLE AND SLOT IMPLANTS 43





BTLock MINI Implant line is the solution for immediate and long-term stabilization of a removable prosthesis.

The system is characterized by a wide range of options:

- Diameter
- Length
- Prosthetic parts

MINI Implants are available in 3 diameters (2 – 2,5 – 3 mm) and 3 lengths (11,5 - 13 - 16 mm). The implant length includes the machine-cut collar (1,5 mm) and BT-Tite threaded part (mix of sandblasting and acid-etching).

One transgingival height (1 mm) and 5 prosthetic solutions are available:

- Straight and angled abutments
- Plastic housing with o-ring
- Metal housing with o-ring
- Nylon caps and metal housing
- Retaining cap



The BTLock kit has been designed to maintain the same simplicity and user-friendliness of the procedure to be used.

It contains the following instruments:

- 1 pilot drill (to give direction and depth);
- 2 twist drills (to enlarge the osteotomy, in case of dense bone);
- 1 surgical ratchet wrench;
- 2 ratchet extenders;
- 2 contra angle drivers (for micro motor);
- 1 straight key.

BTLock MINI Implants are individually packed and gamma-ray sterilized.

Every package includes an implant carrier that allows the manual insertion without external contamination.

Static tests performed on BTLock MINI implants resulted in a breaking point equal to 190 Ncm (2 mm diameter). Torsion testing resulted in a breaking point equal to 95 Ncm.

Note: If the torque exceeds 30 Ncm while screwing the 2 mm MINI implant, or it exceeds 40 Ncm while screwing the 2,5 or 3 mm MINI implants, it is advisable to unscrew the MINI implant and widen the site with the proper drills supplied in the kit.

MINI



Code	Diameter	Length
200115A BTICV1	2,00 mm	11,50 mm
20013A BTICV1	2,00 mm	13,00 mm
20016A BTICV1	2,00 mm	16,00 mm
250115A BTICV1	2,50 mm	11,50 mm
25013A BTICV1	2,50 mm	13,00 mm
25016A BTICV1	2,50 mm	16,00 mm
300115A BTICV1	3,00 mm	11,50 mm
30013A BTICV1	3,00 mm	13,00 mm
30016A BTICV1	3,00 mm	16,00 mm

CAPS



Code
BTICAP



Code
BTICO



Code
BTICO1



Code
BTIGO

ANALOGUE AND TRANSFER



Code
2030 BTIANL



Code
2030 BTITLC

STRAIGHT ABUTMENT (Titanium and Castable)



Code
2030 BTIPML



Code
2030 BTIMCL

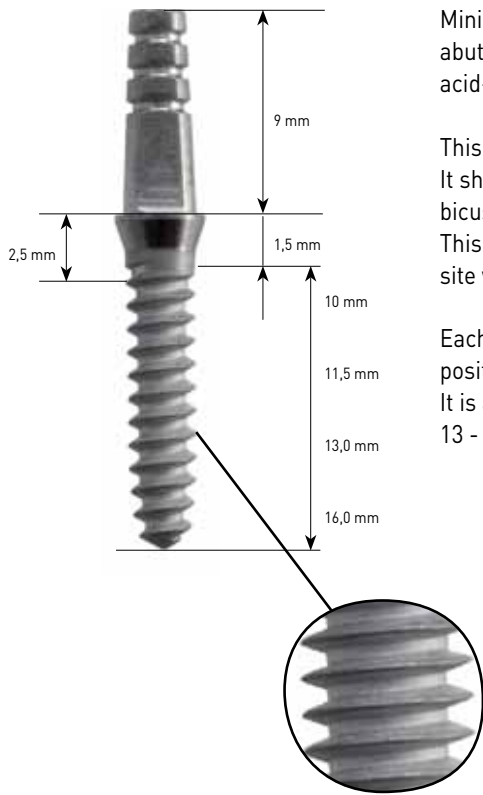
ANGLED ABUTMENT (10° AND 18°)



Code
2030A BTIPMLI



Code
2030B BTIPMLI



Mini Single is a self-threading implant made in titanium alloy as the abutment. It is characterized by a BT-Tite surface (mix of sandblasting and acid-etching).

This implant produces a high primary stability with immediate functionality. It should be used in anterior narrow sites to replace laterals, cuspids and bicuspid.

This device requires a simple surgical procedure. It is possible to create the site with or without opening a flap.

Each implant is packed together with the implant carrier, which enables to position the implant without any risk of contamination. It is available in 4 diameters (2,5 - 3 - 3,5 - 4,2 mm) and 4 lengths (10 - 11,5 - 13 - 16 mm).



MINI SINGLE



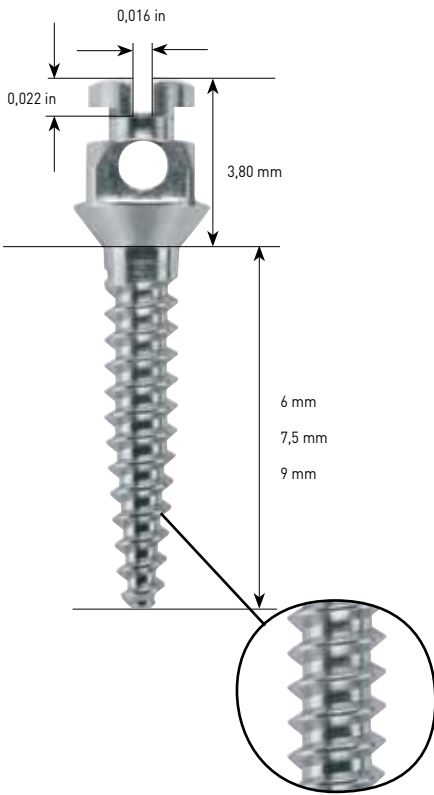
Code	Diameter	Length
25010 BTICV1	2,50 mm	10 mm
250115 BTICV1	2,50 mm	11,50 mm
25013 BTICV1	2,50 mm	13 mm
25016 BTICV1	2,50 mm	16 mm
30010 BTICV1	3,00 mm	10 mm
300115 BTICV1	3,00 mm	11,50 mm
30013 BTICV1	3,00 mm	13 mm
30016 BTICV1	3,00 mm	16 mm
35010 BTICV1	3,50 mm	10 mm
350115 BTICV1	3,50 mm	11,50 mm
35013 BTICV1	3,50 mm	13 mm
35016 BTICV1	3,50 mm	16 mm
42010 BTICV1	4,20 mm	10 mm
420115 BTICV1	4,20 mm	11,50 mm
42013 BTICV1	4,20 mm	13 mm
42016 BTICV1	4,20 mm	16 mm

RATCHET EXTENDER



Code
BTIEC2





Slot implant is BTLock proposal as implantology application for orthodontics. Slot implant is an orthodontic implant made of titanium alloy, machine-cut and with polished neck, in order not to interfere with soft tissues.

Slot implant's orthodontic function is given by the 3 different tools on the implant crown:

- 2 Slots
- 1 Hole
- 1 Neck

Compared to other products in the market, the qualifying feature of BTLock orthodontic implant consists in 2 slots in the implant crown to anchor 0,016 x 0,022 inches rectangular threads.

Slot Implant is available in 2 diameters (1,6 - 2 mm) and 3 lengths (6 - 7,5 - 9 mm).



SLOT IMPLANT



Code	Diameter	Length
160060 BTISI	1,60 mm	6 mm
160075 BTISI	1,60 mm	7,50 mm
160090 BTISI	1,60 mm	9 mm
200060 BTISI	2,00 mm	6 mm
200075 BTISI	2,00 mm	7,50 mm
200090 BTISI	2,00 mm	9 mm



## SURGICAL KIT



Code

BTIKITC



n. 1	18x14x5 cm Surgical Box
n. 1	Pilot Drill
n. 1	Twist Drill
n. 1	Drill Extenter
n. 1	3,3 mm Conical Drill
n. 1	3,75 mm Conical Drill
n. 1	4,5 mm Conical Drill
n. 1	5,5 mm Conical Drill
n. 1	6,5 mm Conical Drill
n. 1	3,3 mm Neck Drill
n. 1	3,75 mm Neck Drill
n. 1	4,5 mm Neck Drill
n. 1	5,5 mm Neck Drill
n. 1	6,5 mm Neck Drill
n. 1	3,3 mm Threadformer
n. 1	3,75 mm Threadformer
n. 1	4,5 mm Threadformer
n. 1	5,5 mm Threadformer
n. 1	6,5 mm Threadformer
n. 1	Short Standard Screwdriver
n. 1	Long Standard Screwdriver
n. 1	Driver Extender
n. 1	Hand Driver
n. 1	Micro motor Reduction
n. 1	Micro motor Driver
n. 1	Micro motor Extender
n. 1	Depth Gauge
n. 1	Parallelism Indicator for Surgical Site
n. 1	Parallelism Indicator for Surgical Site - Angle 10°
n. 1	Parallelism Indicator for Surgical Site - Angle 18°
n. 1	Parallelism Indicator for Inserted Implant
n. 1	Parallelism Indicator for Inserted Implant - Angle 10°
n. 1	Parallelism Indicator for Inserted Implant - Angle 18°
n. 1	Surgical Ratchet Wrench
n. 1	Ratchet Extender
n. 1	Straight Surgical Key
n. 1	Bent Surgical Key
n. 1	Mounter-Blocking Key
	<b>SURGICAL KIT</b>

BTIBOX  
 BTISPB  
 220 BTITW  
 BTIPRF  
 330 BTIFC  
 375 BTIFC  
 450 BTIFC  
 550 BTIFC  
 650 BTIFC  
 330 BTIFSV  
 375 BTIFSV  
 450 BTIFSV  
 550 BTIFSV  
 650 BTIFSV  
 330 BTIMS  
 375 BTIMS  
 450 BTIMS  
 550 BTIMS  
 650 BTIMS  
 12518 BTICVQ  
 12528 BTICVQ  
 250 BTICVQ  
 125 BTICV  
 BTICQM  
 125 BTICVM  
 250 BTICVM  
 BTIIPR  
 BTIIPA  
 BTIIPA - A  
 BTIIPA - B  
 BTIIPIM  
 BTIIPIM - A  
 BTIIPIM - B  
 BTICR  
 BTIEC  
 BTICCD  
 BTICCCQ  
 BTICCBM  
**BTIKITC**

Please note: For standard implant lines, threadformers of the series BTIMSS are available. For BT-Tite CV1, BT-Tite CV2 and BT-Tite CV3 Lines, threadformers of the series BTIMS are available. Please see also page 58-59.

## MINI SURGICAL KIT

Code

BTIMKITC



n. 1	12x8x5 cm Surgical Box
n. 1	Pilot Drill
n. 1	3,3 mm Conical Drill
n. 1	3,75 mm Conical Drill
n. 1	4,5 mm Conical Drill
n. 1	3,3 mm Neck Drill
n. 1	3,75 mm Neck Drill
n. 1	4,5 mm Neck Drill
n. 1	3,3 mm Threadformer
n. 1	3,75 mm Threadformer
n. 1	4,5 mm Threadformer
n. 1	Long Standard Screwdriver
n. 1	Driver Extender
n. 1	Depth Gauge
n. 1	Parallelism Indicator for Inserted Implant
n. 1	Surgical Ratchet Wrench
n. 1	Straight Surgical Key

**MINI SURGICAL KIT**

BTIMBOX
BTISPB
330 BTIFC
375 BTIFC
450 BTIFC
330 BTIFSV
375 BTIFSV
450 BTIFSV
330 BTIMS
375 BTIMS
450 BTIMS
12528 BTICVQ
250 BTICVQ
BTIIPR
BTIIPIM
BTICR
BTICCD

**BTIMKITC**

Please note: For standard implant lines, threadformers of the series BTIMSS are available. For BT-Tite CV1, BT-Tite CV2 and BT-Tite CV3 Lines, threadformers of the series BTIMS are available. Please see also page 58-59.

SURGICAL KIT FOR MINI, MINI SINGLE, AND SLOT IMPLANTS



<b>Code (MINI)</b>
BTIKMO
<b>Code (Mini Single)</b>
BTIKMS

- n. 1 13x5x3 cm Surgical Box
- n. 1 Pilot Drill
- n. 1 Twist Drill 1,80 mm
- n. 1 Twist Drill 2,20 mm
- n. 1 Straight key
- n. 1 Ratchet Wrench
- n. 1 Long ratchet extender (without implant carrier)
- n. 1 Short ratchet extender (without implant carrier)
- n. 1 Contra angle driver for micro motor
- n. 1 Contra angle driver for micro motor (without implant carrier)

**KIT MINI IMPLANT**

- n. 1 13x5x3 cm Surgical Box
- n. 1 Pilot Drill
- n. 1 Twist Drill 1,80 mm
- n. 1 Twist Drill 2,20 mm
- n. 1 Straight key
- n. 1 Ratchet Wrench
- n. 1 Ratchet Extender
- n. 1 Contra angle driver for micro motor

**KIT MINI SINGLE**

- BTIMIBOX
- BTISPMB
- 180B BTITW
- 220 BTITW
- BTICCD
- BTICR
- BTIEC3
- BTIEC4
- BTICQM
- BTICQM1

**BTIKMO**

- BTIMIBOX
- BTISPMB
- 180B BTITW
- 220 BTITW
- BTICCD
- BTICR
- BTIEC2
- BTICQM

**BTIKMS**



<b>Code</b>
BTIKSI

- n. 1 12x5x1,5 cm Surgical Box
- n. 1 Pilot Drill
- n. 1 Twist Drill 1,80 mm
- n. 1 Contra angle driver for micro motor

- BTIDBOX
- BTISPMA
- 180A BTITW
- BTICQM

**BTIKSI**



## MINI PILOT DRILL



- Drill diameter: 1,3 mm.
- Available in 2 lengths (13 - 16 mm).
- Laser markings for depth indication.

Length	Code
13 mm	BTISPMA
16 mm	BTISPMB

## PILOT DRILL



- Drill diameter: 2,2 mm.
- To be used as starter drill.
- Laser markings for depth indication.

Code
BTISPB

## Ø 1,8 TWIST DRILL



- To be used for MINI Implant insertion.
- Available in 2 lengths (13 - 16 mm).
- Laser markings for depth indication.

Length	Code
13 mm	180A BTITW
16 mm	180B BTITW

## Ø 2,2 TWIST DRILL








- To be used for MINI Implant insertion.
- To be used to widen the implant site.
- Laser markings for depth indication.

Code
220 BTITW

## TWIST DRILL








- To be used to widen the implant site.
- Laser markings for depth indication.
- Color code.

	Diameter	Code
	3,30 mm	330 BTITW
	3,75 mm	375 BTITW
	4,50 mm	450 BTITW
	5,50 mm	550 BTITW
	6,50 mm	650 BTITW

## CONICAL DRILL








- To be used to mill the osteotomy for BTLock implant insertion.
- Color code.
- Laser markings for depth indication.

	Diameter	Code
	3,30 mm	330 BTIFC
	3,75 mm	375 BTIFC
	4,50 mm	450 BTIFC
	5,50 mm	550 BTIFC
	6,50 mm	650 BTIFC

## NECK DRILL



- To be used to countersink the bone crest.
- Color code.

	Diameter	Code
	3,30 mm	330 BTIFSV
	3,75 mm	375 BTIFSV
	4,50 mm	450 BTIFSV
	5,50 mm	550 BTIFSV
	6,50 mm	650 BTIFSV

## DRILL EXTENDER



- To be used as general extender for BTLock drills.

Code

BTIPRF





KIT OF DRILL STOPS



- To be used to secure the correctness of the drill depth during the insertion.
- Stop for 6,5 mm available on request.
- Color code.

Diameter	Code
Pilot	BTIKSF
3,30 mm	330 BTIKSF
3,75 mm	375 BTIKSF
4,50 mm	450 BTIKSF
5,50 mm	550 BTIKSF
6,50 mm	650 BTIKSF

OSSEODRILL



- To be used for bone drawing directly from the implant site or from another site chosen by the surgeon.
- Laser markings for depth indication.
- Color code.
- Available in kit, which includes 1 pilot drill and 3 osseodrills.

Diameter	Code
3,50 mm	350 BTIOSS
4 mm	400 BTIOSS
5 mm	500 BTIOSS
Kit	BTIKOSS

DEPTH GAUGE



- To be used to verify the implant site depth.
- Laser markings for depth indication.

Code
BTIIPR

DEPTH RULER



- To be used to verify the implant site depth.
- Laser markings for depth indication.
- Gradual scale on the handle.

Code
BTIRP

PARALLELISM INDICATOR for surgical site



- To be used to check the inclination of the surgical site, parallelism and blood flow.
- Available in 3 inclinations (10°-18°-25°), to check the inclination of the surgical site.

		Code
incl. 10°	incl. 18°	incl. 25°
BTIIPA-A	BTIIPA-B	BTIIPA-C

PARALLELISM INDICATOR for inserted implant



- To be used to check the inclination of the inserted implant and for a correct choice of angled abutments.
- Available in 3 inclinations (10°- 18°- 25°).

Code		
BTIIPIM		
incl. 10°	incl. 18°	incl. 25°
BTIIPIM-A	BTIIPIM-B	BTIIPIM-C

KIT OF LABORATORY INDICATORS



- Kit of laboratory indicators to be used to choose the abutments.
- Straight and angled (10°-18°) indicators included.
- Color code.

Code
BTIKIPIM

HAND DRIVER



- To be used along with all BTLock screws.
- Tip size: 1,25 mm.
- Only to be used manually.
- Available with 2 grip diameters (6,50 - 10 mm).

Length	Code
11 mm	125 BTICV
10 mm	125 BTICV1
15 mm	125 BTICV2

DRIVER FOR SCREWABLE ABUTMENTS



- To be used for the screws of the screwable abutments (BTIVPMPA2, BTIVMPB2, BTIVMPC2, BTIVMPD2).
- Tip size: 1,55 mm.
- To be used both manually and with the ratchet wrench.

Code
155 BTICV

STANDARD DRIVER



- To be used to screw the fixtures of the BTLock system.
- Available in 2 lengths (18 - 28 mm).
- Tip size: 1,25 mm.
- To be used both manually and with the ratchet wrench.

Length	Code
18 mm	12518 BTICVQ
28 mm	12528 BTICVQ



## DRIVER EXTENDER



- To be used to directly screw the fixtures.
- Tip size: 2,5 mm.
- To be used both manually and with the ratchet wrench.

**Code**

250 BTICVQ

## MICRO MOTOR REDUCTION



- To be used to connect the fixture to the micro motor.

**Code**

BTICQM

## CONTRA ANGLE DRIVER for micro motor (Only for MINI Implants)



- To be used to connect the MINI implant to the micro motor without the use of the implant carrier.

**Code**

BTICQM1

## DRIVER for micro motor



- To be used to screw all BTLock fixture with the micro motor.
- Tip size: 1,25 mm.

**Code**

125 BTICVM

## MICRO MOTOR EXTENDER



- To be used to screw the fixture directly with the micro motor or with the implant carrier.
- Tip size: 2,5 mm.

**Code**

250 BTICVM

## UNIVERSAL LOCK MICRO MOTOR REDUCTION



- To be used to screw the fixtures with the micro motor.
- Suitable for diameters from 3,75 to 6,5 mm.

**Code**

BTICVLM

## RATCHET WRENCH



- To be used for implant insertion, along with BTLock drivers, threadformers, and expanders.

**Code**

BTICR

## TORQUE WRENCH



- To be used for implant insertion, along with BTLock drivers, threadformers, and expanders.
- Maximum torque: 40 Ncm.

**Code**

BTICRD

## RATCHET EXTENDER



- To be used to extend the implant carrier or ratchet drivers.

**Code**

BTIEC

## RATCHET EXTENDER (Only for Mini Single)



- To be used as an implant carrier when screwing Mini Single Implants with ratchet wrench or straight key.

**Code**

BTIEC2



RATCHET EXTENDER (Only for MINI Implant)



- To be used to screw the MINI Implants, without the implant carrier, using ratchet wrench or straight key.

Type	Code
Short	BTIEC4
Long	BTIEC3

STRAIGHT SURGICAL KEY



- To be used for to screw implants inside the osteotomy, along with BTLock drivers, threadformers, and expanders.

Code
BTICCD

BENT SURGICAL KEY



- To be used for implant insertion, along with BTLock drivers, threadformers, and expanders.

Code
BTICCC

MOUNTER-BLOCKING KEY



- To be used to block the implant carrier during its unscrewing.

Code
BTICCBM

KEY FOR STANDARD OSTEOTOME








- To be used to easily insert standard osteotomes in the posterior areas.

Code
BTICCS

THREADFORMER FOR STANDARD LINES








- To be used for hard bone along with the Standard Implant Line.  
 - Laser markings for depth indication.  
 - Color code.

Diameter	Code
 3,30 mm	330 BTIMSS
 3,75 mm	375 BTIMSS
 4,50 mm	450 BTIMSS
 5,50 mm	550 BTIMSS
 6,50 mm	650 BTIMSS

### THREADFORMER FOR BT-TITE CV1, BT-TITE CV2, BT-TITE CV3 LINES






- To be used for hard bone along with BT-Tite CV1, BT-Tite CV2, BT-Tite CV3 Implant Lines.
- Laser markings for depth indication.
- Color code.

Diameter	Code
 3,30 mm	330 BTIMS
 3,75 mm	375 BTIMS
 4,50 mm	450 BTIMS
 5,50 mm	550 BTIMS
 6,50 mm	650 BTIMS

### SCREWABLE OSTEOTOME



- To be used after the expander when the height between the crest and the maxillary sinus measures at least 7 mm.
- Laser markings for depth indication.
- Color code.
- Available in kit.

Diameter	Code
 3,30 mm	330 BTIOSV
 3,75 mm	375 BTIOSV
 4,50 mm	450 BTIOSV
Kit	BTIKOSV

### STANDARD OSTEOTOME








- Available in 1 diameter (3,5 mm) and 5 lengths (4 - 6 - 8 - 10 - 12 mm).
- The straight key (BTICCS) helps to insert the osteotome in the posterior areas.
- Available in kit.

Diameter	Code
4 mm	BTIOS/04
6 mm	BTIOS/06
8 mm	BTIOS/08
10 mm	BTIOS/10
12 mm	BTIOS/12
Kit	BTIKOS

### STANDARD EXPANDER



- To be used to create and compact the implant osteotomy without bone loss.
- Laser markings for depth indication.
- Color code.
- Available in kit.

Diameter	Code
1,80 mm	180 BTIES
2,15 mm	215 BTIES
2,50 mm	250 BTIES
 3,30 mm	330 BTIES
 3,75 mm	375 BTIES
 4,50 mm	450 BTIES
 5,50 mm	550 BTIES
 6,50 mm	650 BTIES
Kit	BTIKES

## STANDARD SURGICAL BOX



- Size: 18 x 14 x 5 cm.

**Code**

BTIBOX

## MINI SURGICAL BOX



- Size: 12 x 8 x 5 cm.

**Code**

BTIMBOX

## SURGICAL BOX for MINI IMPLANT and MINI SINGLE



- Size: 13 x 5 x 3 cm.

**Code**

BTIMBOX

## DRILL BOX



- Size: 13 x 5 x 1,5 cm.






**Code**

BTIDBOX

## POLISHING TOOL



- To be used to polish BTLock prosthetic components.  
- Color code.





Diameter	Code
 3,30 mm	330 BTISL
 3,75 mm	375 BTISL
 4,50 mm	450 BTISL
 5,50 mm	550 BTISL
 6,50 mm	650 BTISL



## CONICAL DRILL FOR EXPANDER GUIDED TECHNIQUE







- To be used to create and widen the implant osteotomy without bone loss.
- Color code.
- Same-diameter drill stop included.

Diameter	Code	Drill Stop
2,00 mm	BTISPB1	200 BTISF1
2,20 mm	220 BTITW1	220 BTISF1
 3,30 mm	330 BTIFC1	330 BTISF1
 3,75 mm	375 BTIFC1	375 BTISF1
 4,50 mm	450 BTIFC1	450 BTISF1
 5,50 mm	550 BTIFC1	550 BTISF1

## EXPANDER FOR EXPANDER GUIDED TECHNIQUE



- To be used to create and compact the implant osteotomy without bone loss.
- Color code.
- Available in kit.

Diameter	Code
2,50 mm	250 BTIES1
 3,30 mm	330 BTIES1
 3,75 mm	375 BTIES1
 4,50 mm	450 BTIES1
 5,50 mm	550 BTIES1
Kit	BTIKESG

## KEY FOR RING TEMPLATE



- To be used with the ring template to guide the screw process and the expansion of the osteotomy.


**Code**

BTICD1



- Ring template available in 4 diameters (2,20 - 3,30 - 3,75 - 4,50 mm).

**Diameter** | **Code**

2,20 mm	220 BTIDF1
 3,30 mm	330 BTIDF1
 3,75 mm	375 BTIDF1
 4,50 mm	450 BTIDF1



- Screwdriver with stop for the Expander Guided Technique.

**Code**

BTICVL1



## SURGICAL KIT GUIDED TECHNIQUE

Code

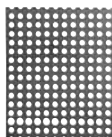
BTIKESG



n. 1	12x8x5 cm Surgical Box	BTIMBOX
n. 1	2,00 mm Pilot Drill	BTISPB1
n. 1	2,20 mm Twist Drill	220 BTITW1
n. 1	3,30 mm Conical Drill	330 BTIFC1
n. 1	3,75 mm Conical Drill	375 BTIFC1
n. 1	4,50 mm Conical Drill	450 BTIFC1
n. 1	5,50 mm Conical Drill	550 BTIFC1
n. 1	2,00 mm Stop for Pilot Drill	200 BTISF1
n. 1	2,20 mm Stop for Twist Drill	220 BTISF1
n. 1	3,30 mm Stop for Conical Drill	330 BTISF1
n. 1	3,75 mm Stop for Conical Drill	375 BTISF1
n. 1	4,50 mm Stop for Conical Drill	450 BTISF1
n. 1	5,50 mm Stop for Conical Drill	550 BTISF1
n. 1	2,5 mm Expander	250 BTIES1
n. 1	3,3 mm Expander	330 BTIES1
n. 1	3,75 mm Expander	375 BTIES1
n. 1	4,5 mm Expander	450 BTIES1
n. 1	5,5 mm Expander	550 BTIES1
n. 1	2,20 mm Ring Template	220 BTIDF1
n. 1	3,30 mm Ring Template	330 BTIDF1
n. 1	3,75 mm Ring Template	375 BTIDF1
n. 1	4,50 mm Ring Template	450 BTIDF1
n. 1	Key for Ring Template	BTICD1
n. 1	Screwdriver	BTICVL1
n. 1	Hand Driver	125BTICV
n. 1	Surgical Ratchet Wrench	BTICR
n. 1	Ratchet Extender	BTIEC
n. 1	Straight Surgical Key	BTICCD

**SURGICAL KIT GUIDED TECHNIQUE****BTIKESG**

## MEMBRANE



- Membrane for osteosynthesis made of titanium alloy.
- Available in 3 different sizes and 2 thicknesses.

Sizes	Code
25 x 30 x 0,10 mm	BTIM1
25 x 30 x 0,13 mm	BTIM2
50 x 80 x 0,10 mm	BTIM3

## OSTEOSYNTHESIS SCREW



- Self-driving screw for osteosynthesis in titanium alloy.
- Available in 6 lengths (3 - 5 - 7 - 10 - 12,5 - 15 mm).
- Each package contains 5 pieces.

Diameter	Code
3 mm	BTIVFST/03
5 mm	BTIVFST/05
7 mm	BTIVFST/07
10 mm	BTIVFST/10
12,5 mm	BTIVFST/12
15 mm	BTIVFST/15



### 1 - GENERAL TERMS OF SALE

Every order implies that the buyer pledges to adhere without any reservation to the general terms of sales, except when a previously written agreement is made with BTLock.

### 2 - ORDERS

Orders may be issued by phone, post, fax or email. In order to ensure a better service, BTLock reserves the right to ask for a written confirmation of the orders. Modifications or cancellations may be accepted as long as they are made before the customers or the courier has collected the goods from BTLock offices.

### 3 - SHIPMENT

Ordered goods are shipped by express courier. The buyer will bear all shipment costs and risks, relieving BTLock from any responsibility once the courier has collected the goods from BTLock offices.

### 4 - RETURNED GOODS

In order to be able to respond effectively to customers' needs, all returned goods have to receive prior consent by BTLock. To ensure a proper and efficient feedback, BTLock kindly asks to return goods within 8 working days after BTLock consent. Products have to be returned intact, unopened and inside their original package. BTLock reserves the right to decline the substitution, or emission of credit notes, for those returned products that do not satisfy the above-mentioned conditions. If BTLock judges that the complaint is justified, it will proceed with the substitution, or the emission of a credit note, but it will decline every responsibility for any indemnity or interest payment. Products in dispute have to be returned clean, sterilized and carrying the corresponding batch number. BTLock kindly informs that any risk of charges and damages connected to the shipment of returned goods are to be borne by the buyer.

### 5 - RESPONSIBILITY

BTLock's products have to be handled only by fully qualified and specialised staff. BTLock will decline every responsibility for any direct or indirect consequence resulting from an incorrect or improper use of its products.

### 6 - WARRANTY

BTLock commits itself to substitute broken implants and prosthetic parts for a period of 10 years after purchase, provided that BTLock's original instruments and accessories were used. With the perspective of establishing a better collaboration and granting better products to safeguard patients' health, BTLock kindly asks to follow the procedure below for the substitution of implants and prosthetic parts:

1. A copy of the original invoice that proves the purchase of the goods.
2. A confirmation from BTLock that product has returned clean and sterilized.
3. An x-ray picture before extraction which features the broken implant.
4. An x-ray picture of the prosthetic components in patient's mouth.
5. The batch number of the used products.

BTLock reserves the right to modify or cancel this procedure at any time. Modification or cancellation of the programme do not apply to complaints received until that moment.

### 7 - PAYMENT TERMS

Sold goods will be delivered to the buyer only after payment for the agreed price has been made. Payments are valid only if they are paid directly to our office or to the company's bank account. The breach of the payment terms will imply the payment of the unpaid bills with interests accrued on arrears. BTLock will consider all the legal and contractual remedies available to gain compensation for this breach of contract.

### 8 - LEGAL DISPUTES

Every legal dispute will fall within the jurisdiction of the Vicenza lawcourts. Legal matters that are not included in this outline of general terms will follow under the norms of the civil law.

BTLock reserves the right to change products and conditions of sale reported in this catalog at any time.





**BTLock International Headquarters**  
Via Madonnetta 97/c  
36075 Montecchio Maggiore (VI) - ITALY  
phone 0039 0444 492609  
fax 0039 0444 497647  
info@btlock.com - www.btlock.com