

PRODUCT CATALOG



B&B DENTAL
IMPLANT COMPANY



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B. & B. Dental S.r.l. is a leading Italian company in the field of oral implantology, specializing in the development of dental implants and bone regeneration materials. Over the years, high-quality implant prosthetic techniques and innovative materials have been created at very affordable prices.

Launched in 1992, B. & B. Dental has its registered offices at Via San Benedetto, 1847, 40018 San Pietro in Casale, near Bologna, northern Italy. This launch was almost immediately followed by the company's first patent, for a dental implant called DURA-VIT. Further resources were then invested for the patent for a bone regeneration material called NOVOCOR PLUS.

Innovation lies at the heart of B. & B. Dental's approach.

B. & B. Dental's products are designed by dentists for dentists, with the support of experienced engineers in implantology. Innovation is our primary philosophy and our products and technologies are constantly developed and improved in order to better satisfy our customers' needs and to ensure that every patient's mouth and smile can be restored.

In 2007 our engineers developed the new CONEXA connection, which reduces loosening of the prosthetic screws and bacterial colonization around the implant collar, setting the scene for the arrival of a second generation of implants, called DURA-VIT INN.

Our third generation of implants, 3P, WIDE and $\varnothing 3$, came out in 2010 and introduced the triple-thread groove, which significantly reduces implant-placement and osseointegration times, regardless of bone density. The next designs were the EV and SLIM implants which, unlike their predecessors, have a deeper dual-thread groove for better primary stability, especially in spongy bone. The optimal self-tapping and self-drilling system makes placement easier and less traumatic while at the same time allowing bone condensation.

RESEARCH & DEVELOPMENT

Innovation lies at the heart of B. & B. Dental's approach. Our products and technologies are constantly developed and improved in order to better satisfy our customers' needs and to ensure that every patient's mouth and smile can be restored.

Many years of experience in the field enables us to evaluate and innovate the design and functionality of our products and materials, as well as offering dentists a much broader range of products. We conduct extensive research and testing, not only within our own facilities, but also in conjunction with higher education institutions and universities, using the latest and most advanced technologies and techniques.

QUALITY & CONTROL

B. & B. Dental's regeneration products and materials are renowned for their high quality. Each step in the production process is continuously monitored by a sophisticated management system, which intervenes automatically in mid-process if there are any deviations from the set parameters. Quality control is based on a set of protocols known as SPC (Statistical Process Controls), in which the quantity and frequency of the controls (according to the type of product) and the criteria for acceptability are determined. Sizing checks are carried out using the latest-generation three-dimensional measuring machines, which guarantee accuracy to within ± 0.005 mm (5 microns). Production quality complies with EN ISO 13485 and Directive 93/42/EEC for Medical Devices.

PRODUCTION

The production team is made up of highly-qualified engineers and certified mechanical technicians. At B. & B. Dental, we use the latest-generation CNC bar lathes to produce our components. These high-precision machines are equipped with dynamic tool correction, which ensures that tolerances of ± 0.001 mm (1 micron) can be achieved.

All of the innovations introduced in the production stages any new product features are the result of continuous in-depth studies as well as of significant ongoing investments.

WAREHOUSE

Finished and semi-finished products are stored in automatic vertical-lift systems, which helps to rationalize space and enables operators to fulfil orders, fully assisted by computers. This means that standard orders are shipped within 48 hours to Italy and within 7 working days abroad.



Our sales network has a team of highly qualified staff attentive to the needs of customers, providing a complete sales support by helping the customer in the phases of before and after sales.

B&B Dental has always placed an emphasis on the importance of training and provides worldwide courses to improve and expand the B&B Dental experience with didactic courses, webinars, workshops, live surgeries and courses on patients specifically organized to give users the security and knowledge about our products and their utility. B&B Dental is proud of our participation in many international trade fairs and congresses where we provide our customers with the chance to get to know our staff, see the new products and ask questions.

Of course, the attention paid to customers continues with our constant presence on social networks and e-mails that are becoming increasingly useful tools for comparing projects.

TRAINING & PROFESSIONAL DEVELOPMENT

The experience of the dentists and dental technicians who work alongside us, combined with painstaking technical, planning and micro-mechanical research, have enabled us to achieve excellent results and to provide training courses of interest to all operators in the industry.

These courses, held both in Italy and abroad, are taught by implantology experts from various parts of the world. They illustrate and provide an opportunity to directly experience the wide range of prosthetic solutions offered by B. & B. Dental, which can be considered as a valuable and safe alternative to existing techniques that have been in use for many years.

B. & B. Dental can provide training and courses on many topic involving implant and oral surgery, giving the coursisits the right preparation to face all clinical cases.

AFTER SALES SERVICE

Here at B&B Dental offers a constantly informed and highly competitive Customer Service, we work hard to satisfy customer expectations, with a distribution network in no less than 60 countries. Its agents and distributors' expert assistance is always available throughout the entire cycle of use of the product, constantly supporting the customer's every need.

Sales and after-sales assistance is provided by experts from our technical and commercial staff, who are always on hand to answer any questions to promptly give the needed information and help choosing the right product for their own applications. A service whose ability to offer the highest quality standards makes the difference in the markets.

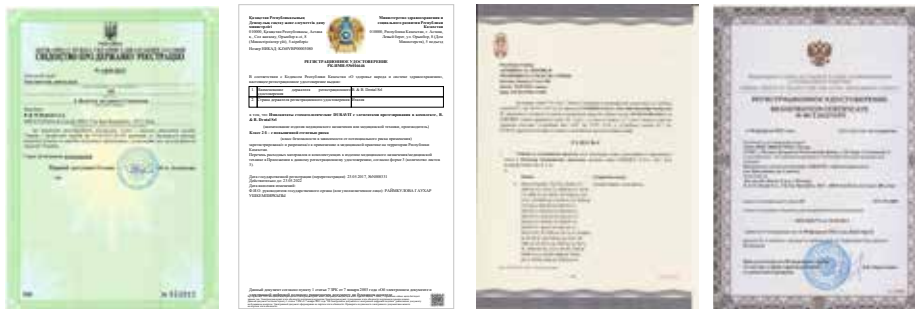




CERTIFICATIONS

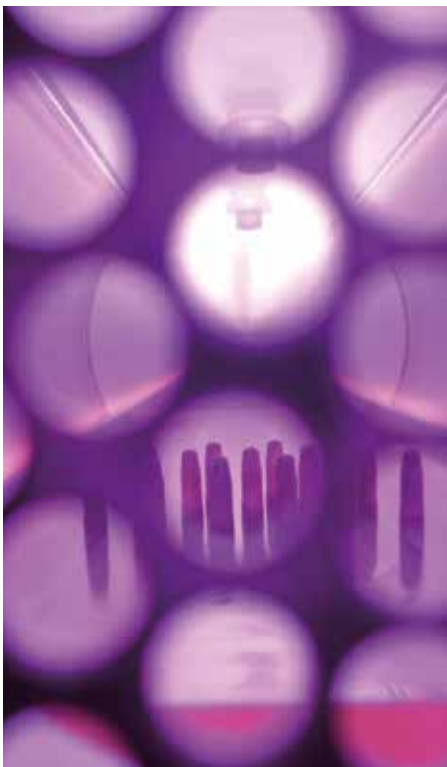
B&B Dental has always been focused on receiving new certifications to demonstrate our high production standards. Thanks to our international certifications and a broad commercial network, B&B Dental ensures a high level of attention towards international and national control bodies by providing the documentation necessary to maintain the certifications useful for sales, thereby confirming the quality offered to our customers. The certification processes follow our quality controls, validating the production methods we carry out.

B&B Dental has currently over 30 international certifications that are annually reviewed and maintained.



SURFACE TREATMENT

B. & B. Dental S.r.l. are among the few companies in Italy that use technological high-level decontamination procedures. The cleaning of equipment surfaces is a complex task. Even using very pure cleaning solvents can still leave surface traces. It can happen that the few existing impurities or the solvent molecules themselves combine with the materials of an implant surface, especially in the case of reactive materials like metals. The ideal cleaning tool should be unable to react chemically with the material of the device and at the same time be very effective for removing contaminants. Argon plasma is the ideal material for this.



DOUBLE ACID TREATMENT

B. & B. Dental have developed an exclusive BioActive treatment with the support of international researchers with extensive experience in surface treatment processes. It guarantees an implant surface with micro-controlled roughness.

This is achieved in a double acidification treatment, called DAE (Double Acid Etching), which promotes the formation of surface oxide of constant thickness and resistant to removal.

BioActive treatment forms by subtraction a micro-controlled surface roughness of 2 micron, generating thus the maximum number of crestal peaks. This helps osteoblasts first to anchor on a cellular level and then to integrate into bone tissue, thus shortening osseointegration times.. Crucially, all the processes are carried out with machines that guarantee both surface homogeneity and long-term duration of specific implant characteristics. In addition, all decontamination processes and surface treatments are conducted under cleanroom conditions.



ARGON PLASMA TREATMENT

Argon plasma is an ideal cleaning tool that does not react chemically with the material of a device and at the same time is very efficient for removing all possible contaminants on an implant surface. The Argon gas is used inside a reactor, housed in a class 10000 clean room, ensuring the absence of all environmental contamination. It is transformed into a plasma comprising ions of heavy gases, which are bombarded onto the implant surface with the cleaning action deriving from the impact energy of these particles against any organic contaminants.

This means that the surface never comes into contact with solvents.

The final check for the effectiveness of the process is performed using sophisticated, dedicated analysis techniques. Each batch of implant screws is subjected to x-ray photoelectron spectroscopy (XPS or ESCA), a widely-used analysis technique for rough surfaces. This analysis provides information on the qualitative and quantitative chemical composition of the first nanometers of the surface material, which represents the layer that come into most direct contact with bone tissue.

EVALUATION OF SURFACE TOPOGRAPHY OF DURA-VIT IMPLANTS TREATED WITH BIOACTIVE METHOD

THE AIM OF THIS WORK WAS THE EVALUATION OF THE SURFACE MORPHOLOGY OF DURA-VIT IMPLANTS THROUGH A DOUBLE ACID TREATMENT.

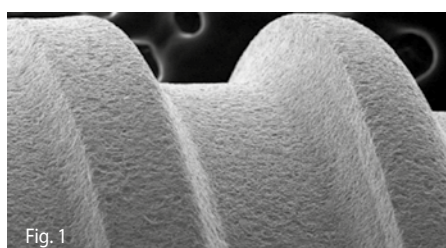


Fig. 1

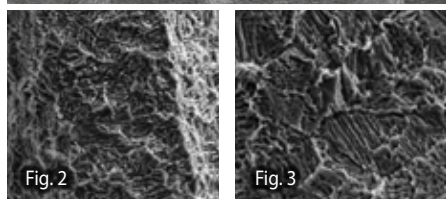


Fig. 2

Fig. 3

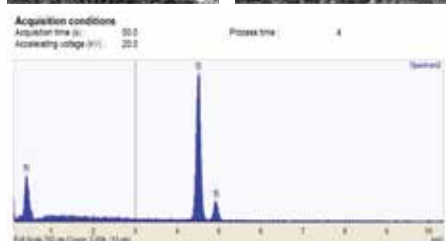
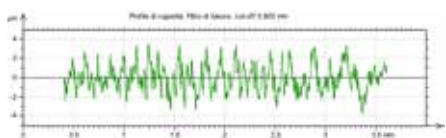
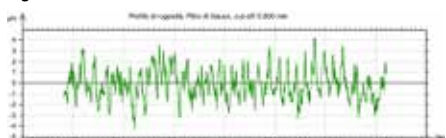


Fig. 4



ISO 4287 Point 1		
Width parameters - Profile of roughness		
Ra	1.10 μm	Gauss filter, 0,8 mm
Rt	8.92 μm	Gauss filter, 0,8 mm

Fig. 5



ISO 4287 Point 2		
Width parameters - Profile of roughness		
Ra	1.11 μm	Gauss filter, 0,8 mm
Rt	8.72 μm	Gauss filter, 0,8 mm

Fig. 6

METHOD AND MATERIALS

The surface morphology of B. & B. Dental's implants is evaluated by scanning electron microscope (SEM). Roughness is estimated and evaluated quantitatively using dedicated machine provided with a specific software to convert conventional SEM images into three-dimensional data.

The main results of SEM observations about the implant surface morphology can be seen through the images below. They show increasing magnification (reported in each single observation) of the treated implants.

RESULTS

Fig. 1, image at low magnification (500x), shows that the macroscopic aspects (thread and cutting edge of the implant) are perfectly preserved and not altered by the treatment. It also indicates a good homogeneity of the surface and the absence of process residues.

The uniformity of surface roughness and the typical structure of the micro-roughness of the surfaces treated with double acid attack are highlighted by **Fig. 2** and **Fig. 3**, which present higher magnifications, respectively corresponding to 3000x and 5000x.

As known and as reported in the scientific literature on the subject, this particular micro-topography enables the surface to act as a "sponge", interacting strongly with the clot and stimulating bone re generation. These images show better the absence of contaminants or foreign deposits, as shown below in the surface analysis section.

(Fig. 4) EDX analysis confirms that the only elements detected are Ti, Al and V, therefore absence of contaminants, as expected from the nature of the sample.

In accordance with ISO 4287 the **Fig. 5** and **Fig. 6** report the evaluation of the analysis in order to quantify the roughness. In particular, the values observed on DURA-VIT implants treated with the BioActive process have been obtained from the average of two points for each sample and according to a statistical point of view they are not significantly different than the parameters reported in the literature.

Based on the highlighted results the obtained surface treatment is very similar to surface topography reported in the literature. The data indeed show that the B. & B. Dental's "BioActive" treatment is suitable to promote the biocompatibility of the device, it can then accelerate and improve the process of bone healing around the implant.

IMPLANT PACKAGING

Simplified retrieval.

This new packaging improves the aesthetic effect and grants a greater functionality, since it makes the opening of the plastic bottles much more immediate and safe, thanks to the little tongue of the external cap. The implant is easy to be lifted through the implant drivers with spring for contra-angle or torque ratchet. This allows to carry the implant directly to patient's mouth without any intermediate steps and keep on with the implant placement. In particular, it is characterized by a plastic "screw holder", which is equipped by both the usual titanium cover screw and a new screw made of titanium covered in peek, that facilitates greatly the healing of soft tissues. This screw is absolutely brand new. It doesn't need a specific driver, but it is enough to have and use one of our prosthetic hex drivers, because it has exactly the same connection.

PACKAGING COMPONENTS



Cover screw in titanium



Trasmucosal screw in PEEK



IMPLANT CERTIFICATE

Each implant is accompanied by an implant certificate issued by the implantologist to the patient after surgery. It's an assurance of the quality of the implants and components and it contains traceability information useful for a more careful management.

KIT IMPIANTO DURA-VIT
Certificato per il paziente

MATERIALE USATO
Titanio Commercialmente Puro

% MAX. Cons. Fe.30 0.35 C.10 N.05 H.0125 REST TI

DURA-VIT IMPLANT KIT
Customer certified

USED MATERIAL
Commercially Pure Titanium

Via San Benedetto, 1837 - 40018 San Pietro in Casale (BO) Italy
Tel. +39 (0) 51 81.13.75 - Fax +39 (0) 51 666.94.00
info@bebdental.it - www.bebdental.it

CE 0123

Patient's name:
Nome del paziente: _____

Dentist's name:
Studio Dott.: _____

Date:
Data: _____

Lot: _____

IMPLANT LABELING



The label in the package of each medical device set on the market show symbols in compliance with the harmonized standards EN ISO 13485 and Directive 93/42/EEC for Medical Devices.

B&B DENTAL
IMPLANT COMPANY

Description:
IMPLANT 3P

Diameter:..... **Ø 4.5 mm**
Length:..... **L. 10 mm**

REF 3P-4510 2019-02
LOT 0719 2024-01

STERILE R

CE 0123

B.&B. Dental srl
V. San Benedetto, 1837
40010 S. Pietro in Casale (BO)
ITALY

Rev02 del 19/11/2018



Implant 3P

REF 3P-4510
Ø 4.5 mm L. 10 mm
LOT 0719 2024-01

Rev00 del 21/06/2010
B.&B. Dental srl - S. Pietro in Casale (BO) ITALY



SYMBOL DESCRIPTION

Implant 3P Implant line

REF Product code

LOT Lot number

STERILE R Sterilization with gamma rays

Read the instruction sheet

The device must be use exclusively by the physician

Monouse

Production date

Expire date

Producer

IMPLANTS AND COMPONENTS





CONEXA

THE REVOLUTIONARY CONNECTION

PROSTHETIC SCREW

The only function is to bring in total connection the abutment and the implant.

It is not subjected to loads, eliminating the risk of breakage.

CONICAL CONNECTION "MORSE TAPER 5°"

Cold weld seal.

Elimination of micro-movements.

Elimination of unscrewing.

PLATFORM SWITCHING

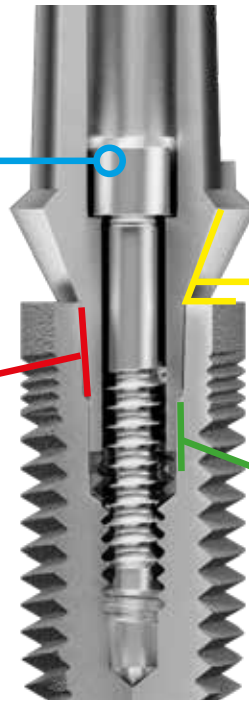
Reduction of bone loss.

Long term esthetic stability.

Perfect bacterial seal.

INTERNAL HEXAGON

The hexagon enhances the resistance to torsional loads and allows an easy transfer of the abutment position from the laboratory to the dental office.



UNIQUE PROSTHETIC CONNECTION

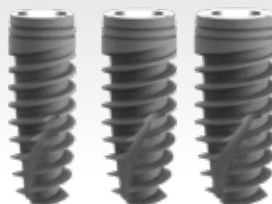
Thanks to the unique prosthetic connection (hole diameter 3 mm), the range is compatible with all prosthetic implants 3P, EV and WIDE, regardless of the abutment or pillar chosen and the diameter of the implant.



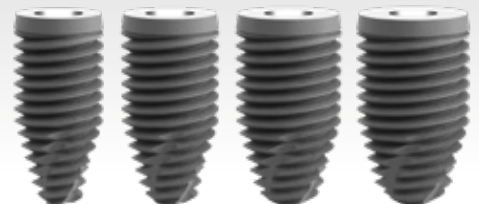
3P LINE



EV LINE



WIDE LINE



INTERNAL HEXAGON

The internal hexagon enhances the resistance to torsional load and it guarantees an absolute precision in placing the abutment, therefore it allows an easy transfer of the abutment position from the laboratory to the dental office.

PLATFORM SWITCHING

The platform switching method permits to use diameter-reduced abutments, so that the prosthetic connection is moved to the middle of the implant, increasing the distance between the peri-implant bone and the abutment base.

It becomes a perfect bacterial seal, because the crestal bone is stabilized at the collar level of the implant and the healing of the soft tissues improves.

The clinical advantages of this concept are the followings:

- a better esthetic emergency profile thanks to an easier gingival conditioning;
- a better distribution of lateral loads on the crestal area of the implant;
- improvement of a good long-term prognosis.

In particular, the long-term stability of the implant and the abutment is achieved thanks to:

- a better healing of soft connective-mucous tissues;
- a reduction of the loss of crestal peri-implant bone;
- a minimization of the gingival recession.

MORSE TAPER

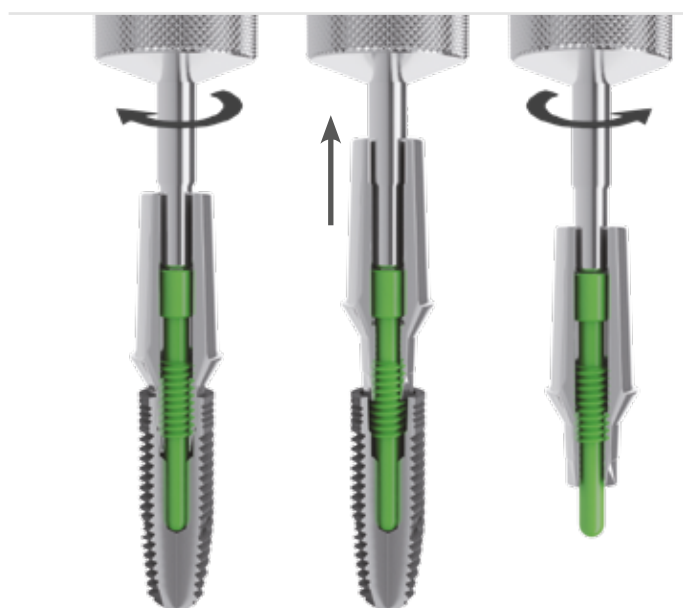
The use of diameter-reduced abutment makes necessary a Morse conical connection, by its inventor Stephen Morse. The morse taper is a conical connection between two metal pieces, which are considered as male and as female. The inclination must not overcome 5°, because otherwise the mechanical link wouldn't strong any more. Therefore the friction between the two tapered surfaces, combined with the push applied in the insertion that presses them together, locks the two cones. This locking remains and keeps itself efficient also when the applied insertion force ceases.

Its main advantages are the following ones:

- it avoids breakings and unscrewing of the prosthetic screws. A suitable tapering of the cones indeed guarantees a safe and natural anti unscrewing system;
- it ensures a very high mechanical stability, eliminating the risk of micro movements;
- it ensures an optimal distribution of the masticatory loads on the implant;
- it creates a perfect internal seal between abutment and implant that avoid bacterial infiltration with the related risks of periimplantitis.

UNLOCKING SYSTEM

Once two conical surfaces get connected, the morse effect is produced and implant and abutment get locked together. This effect can be nullified by inserting the extractor.



DURA-VIT EV IMPLANT

MORSE TAPER & INTERNAL HEXAGON

- Precision in positioning the prosthetic components
- Ideal solutions by respecting the parallelism
- Contact area increased between implant surface and abutment
- High stability

DOUBLE THREAD BODY

- Thread of increased depth and highly sharp
- Easy insertion and bone condensing
- Higher primary stability

SELF TAPPING SYSTEM

- Self tapping
- Self drilling

BACK-TAPERED CORONAL DESIGN WITH MICRO RINGS

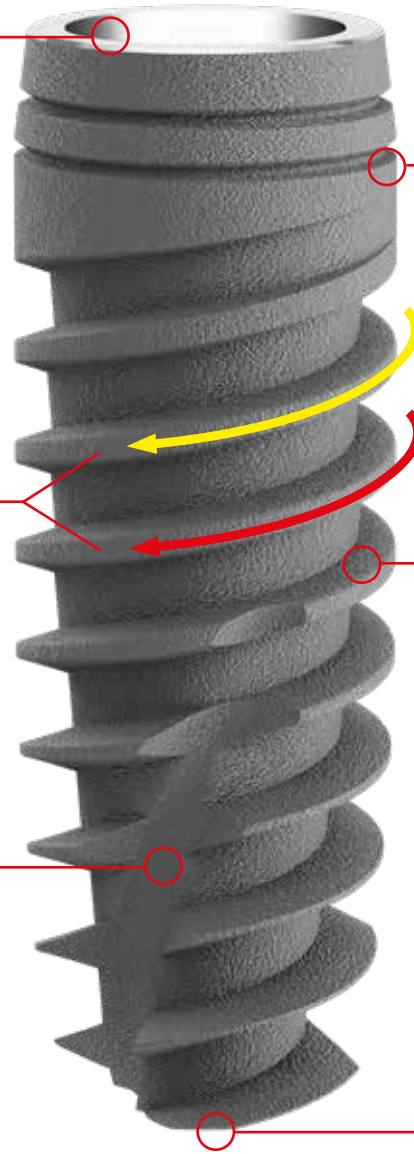
- Optimal soft tissue support
- Maximum alveolar bone volume
- Less crestal resorption

PERFECT ANATOMICAL DESIGN LIKE A RADICULAR STRUCTURE

- Innovative macromorphology, designed for a primary high stability






APICAL BLADE

- Penetrate small diameter preparations
- Optimal anchorage



SURGICAL BENEFITS

- Great improvement of the high primary stability.
- Ideal in conditions of spongy bone (D3-D4) and permit to condense it.
- Ideal in post-extraction conditions.
- Ideal for immediate load.
- Require small diameter preparations.
- Permit to change direction during the implant placement.
- Titanium grade 4.

	L. 6.5	L. 8	L. 10	L. 12	L. 14	L. 16
ø 4						
		EV-4008	EV-4010	EV-4012	EV-4014	EV-4016
ø 4,5						
	EV-4506	EV-4508	EV-4510	EV-4512	EV-4514	
ø 5						
	EV-5006	EV-5008	EV-5010	EV-5012	EV-5014	



IMPORTANT NOTE

Implant with a length of 6,5 mm requires the use of a specific prosthetic screw, shorter than the standard one, which is already provided inside of the packaging.

SHORT PROSTHETIC SCREW INN-6055

DURA-VIT 3P IMPLANT

MORSE TAPER & INTERNAL HEXAGON

- Precision in positioning the prosthetic components
- Ideal solutions by respecting the parallelism
- Contact area increased between implant surface and abutment
- High stability

TRIPLE THREAD BODY

- Thread with 60° round profile
- Reduced invasivity due to an increased contact surface with the bone
- Osseointegration improvement

SELF TAPPING SYSTEM

- Self tapping
- Self drilling

MICROGROOVING COLLAR

- Primary stability increased
- Easy insertion implant
- Reduced prosthetic load
- Easy gingival tissues healing

PERFECT ANATOMICAL DESIGN LIKE A RADICULAR STRUCTURE



















- Innovative macromorphology, designed for a primary high stability

"BONE FRIENDLY" APEX

- The rounded shape helps the maxillary sinus lift technique
- It reduces the perforation risks

SURGICAL BENEFITS

- Conical implant with self-tapping system.
- Achievement of high primary stability.
- Easy, fast and stable implant insertion.
- Better control during implant placement.
- Suitable for all procedures.
- Suitable for all types of bone.
- Titanium Grade 4.

	L. 6.5	L. 8	L. 10	L. 12	L. 14
<div style="background-color: red; width: 20px; height: 10px; margin-bottom: 5px;"></div> ø 3.5		 3P-3508	 3P-3510	 3P-3512	 3P-3514
<div style="background-color: green; width: 20px; height: 10px; margin-bottom: 5px;"></div> ø 4	 3P-4006	 3P-4008	 3P-4010	 3P-4012	 3P-4014
<div style="background-color: pink; width: 20px; height: 10px; margin-bottom: 5px;"></div> ø 4,5		 3P-4508	 3P-4510	 3P-4512	 3P-4514
<div style="background-color: blue; width: 20px; height: 10px; margin-bottom: 5px;"></div> ø 5	 3P-5006	 3P-5008	 3P-5010	 3P-5012	 3P-5014



IMPORTANT NOTE

Implant with a length of 6.5 mm requires the use of a specific prosthetic screw, shorter than the standard one, which is already provided inside of the packaging.

SHORT PROSTHETIC SCREW INN-6055

DURA-VIT WIDE IMPLANT

MORSE TAPER & INTERNAL HEXAGON

- Precision in positioning the prosthetic components
- Ideal solutions by respecting the parallelism
- Contact area increased between implant surface and abutment
- High stability

TRIPLE THREAD BODY

- Thread with 60° round profile
- Reduced invasivity due to an increased contact surface with the bone
- Osseointegration improvement

SELF TAPPING SYSTEM

- Self tapping
- Self drilling

PERFECT ANATOMICAL DESIGN LIKE A RADICULAR STRUCTURE





















- Innovative macromorphology, designed for a primary high stability

"BONE FRIENDLY" APEX

- The rounded shape helps the maxillary sinus lift technique
- It reduces the perforation risks

SURGICAL BENEFITS

- Permit the immediate placement after extraction.
- Great primary stability.
- Excellent adaptation after the site preparation with specific drills.
- Maximize bone preservation.
- Minimize the need for bone grafting.
- Increase patient's acceptance.
- Reduce treatment time.
- Possibility to use standard surgical procedures and instrumentation with minimal additions.
- Titanium Grade 4.

	L. 6.5	L. 8	L. 10	L. 12	L. 14
ø 5.5					
	WIDE-5506	WIDE-5508	WIDE-5510	WIDE-5512	WIDE-5514
ø 6					
	WIDE-6006	WIDE-6008	WIDE-6010	WIDE-6012	WIDE-6014
ø 6.5					
	WIDE-6506	WIDE-6508	WIDE-6510	WIDE-6512	WIDE-6514
ø 7					
	WIDE-7006	WIDE-7008	WIDE-7010	WIDE-7012	WIDE-7014



IMPORTANT NOTE

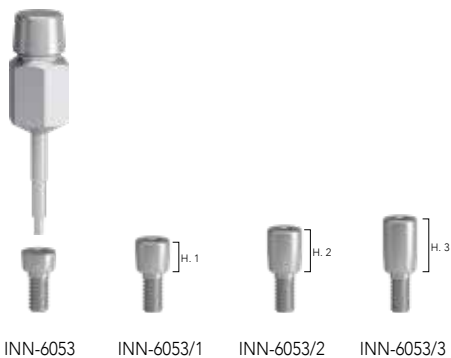
Implant with a length of 6,5 mm requires the use of a specific prosthetic screw, shorter than the standard one, which is already provided inside of the packaging.

SHORT PROSTHETIC SCREW INN-6055

HEALING COMPONENTS

HEALING SCREW (TITANIUM GRADE 5)

It is provided inside the implant packaging. Use when you want to cover completely the implant after the insertion. Implant has to be reopened 3-6 months later, followed by the positioning of a healing screw.



TIGHTENING:

Insert the healing screw into the implant and tighten using only light finger force.

HEALING SCREWS (TITANIUM GRADE 5)

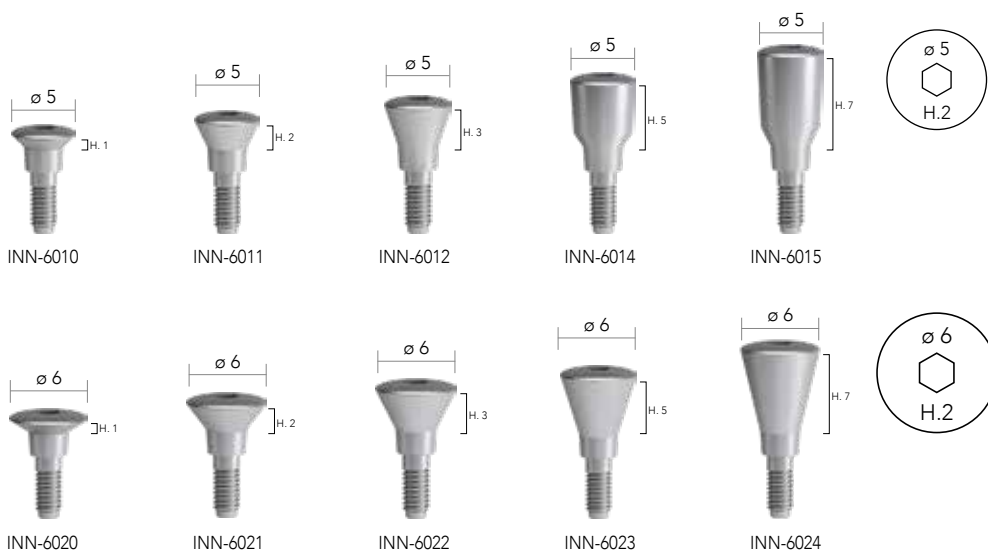
Each package contains 1 piece.

This component has to be used in two-stage surgery for the healing and the conditioning of mucosa, appropriately adapted around the site using a suture.

These components are used to rehabilitate soft tissue on implant in order to insert the final prosthetic abutment later on.

They are available in 5 different heights and in 2 different diameter profiles:

- Ø 5 indicated for anterior area;
- Ø 6 indicated for posterior area.



TIGHTENING:

Insert the healing screw into the implant and tighten using only light finger force.

SURGICAL AND IMPRESSION COMPONENTS

PULL-OFF IMPRESSION TRANSFER (CLOSED TRAY TECHNIQUE)

Place the plastic transfer by pressure-fitted into the implant and make some little lateral movements to check its correct.

Prepare a standard impression tray and inject elastomeric impression material around the implant transfer and into the impression tray. Then take the impression.

Once the material is solid, remove the impression and pressure-fitted the analog into the impression model.



PULL-OFF TRANSFER

Each package contains
3 pcs
INN-00306

NOTE: It is important to use a tear resistant material.

FACILITY TRANSFER (CLOSE TRAY TECHNIQUE)

Place the transfer impression inside the implant and make sure than the internal hex is correctly engaged before tightening with 1.27 hexagon screwdriver (20 Ncm). After that place the plastic cap on the transfer.

Prepare a standard impression tray and inject elastomeric impression material around the implant transfer and into the impression tray. Then take the impression .

Once the material is solid, remove the impression and take out the impression copings, attaching the analog and correctly reposition them into the impression model.



PLASTIC CAP

Each package
contains 2 pcs
INN-00507



COMPLETE SHORT SET

- plastic cup
- screw
- metal transfer
INN-00506



COMPLETE LONG SET

- plastic cup
- screw
- metal transfer
INN-00506L

PICK-UP TRANSFER (OPEN TRAY TECHNIQUE)

Place the impression transfer inside the implant and make sure that the internal hex is correctly engaged before tightening the screw using light finger force.

Prepare a customized impression tray and inject elastomeric impression material around the implant transfer and into the impression tray. So take the impression.

Once the material is solid, loosen the guide screw and remove the tray. Then reposition and fix the analog in the impression using the screw.



COMPLETE SET

- transfer screw
- hexagonal open
tray transfer
INN-00600L



COMPLETE SET

- transfer screw
- hexagonal open
tray transfer
INN-00600



COMPLETE SET

- transfer screw
- rotating open
tray transfer
INN-00601

ANALOG

The analogues reproduce the shape and connection of the implants in the model. They must be positioned on the transfers in the impression before proceeding with the casting of the model.



ANALOG
INN-00585

PROSTHETIC COMPONENTS

TRY-INN KIT ABUTMENTS

Try-Inn Kit Abutments helps the dental technician to select the most suitable abutment, based on the inclination and the transmucosal height of the implant that has been inserted.

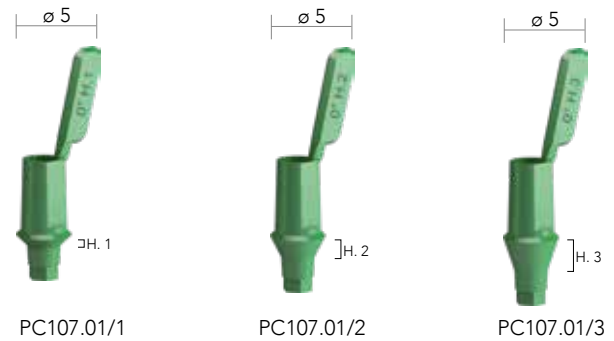
CHARACTERISTICS

- Simple.
- Color-coded, well-marked so it results easy to read. This improves the planning in the abutment choice.
- Comprehensive set containing all try-Inn abutments, arranged clearly.
- Easy to handle thanks to the plastic holder.
- Proper seating of try-inn abutments verified through the clear-cut in response of the prosthetic connection.
- Try-inn abutments fabricated in sterilizable polymer material.

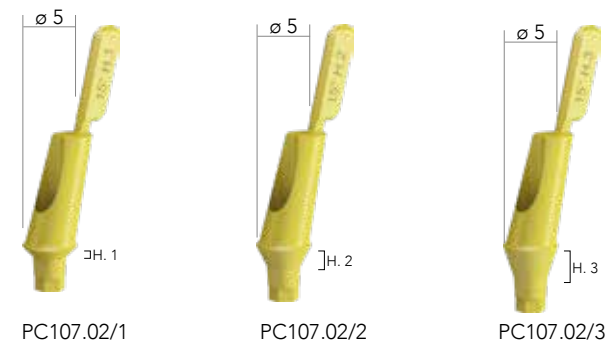
NOTE

Turn upside down the kit to read the correspondent product codes of $\varnothing 5$ titanium abutments.

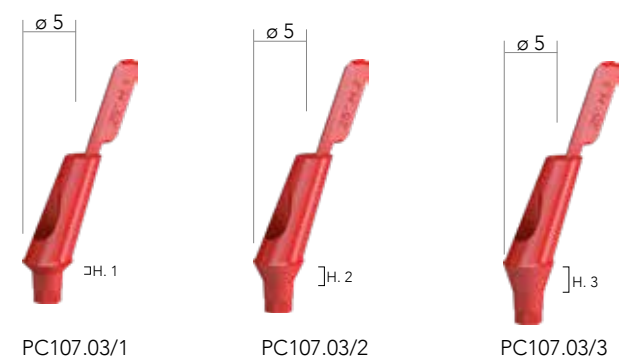
STRAIGHT ABUTMENTS



15° ANGLED ABUTMENTS



25° ANGLED ABUTMENTS



TRY-INN KIT

000.07

The box contains 3 pcs. of each code.

On the back of the package the corresponding titanium $\varnothing 5$ abutment codes are indicated to facilitate the order.

TEMPORARY ABUTMENT - PEEK

INTENDED USE

- Immediate load.
- Individual soft tissue management for esthetic cases.
- Screw- or cement-retained temporary crowns.
- Peek abutment has been designed as temporary abutment, easily customized by the clinician or in the laboratory by the dental technician.
- Easy to customize by the doctor during the surgery as well as by the technician in laboratory.

CHARACTERISTICS

- Modifications of peek material can be realized immediately, easily and quickly.
- Easy-to-achieve esthetics due to tooth-colored and metal free.
- Conexa connection

IMPORTANT NOTE

The correct position of angled abutments can be checked considering that the external hexagon of the driver is in phase with the internal hex.

TIGHTENING:  Prosthetic screw INN-6050



The tightening of the prosthetic screw is realized with the 1.27 hex screwdriver and torque ratchet. For the final seating are recommended torques of **25 Ncm**.



PEEK KIT 000.08

The box contains 1 pc for each code.

On the back of the package the corresponding titanium $\varnothing 5$ abutment codes are indicated to facilitate the order.

PEEK STRAIGHT ABUTMENTS

Complete with prosthetic screw



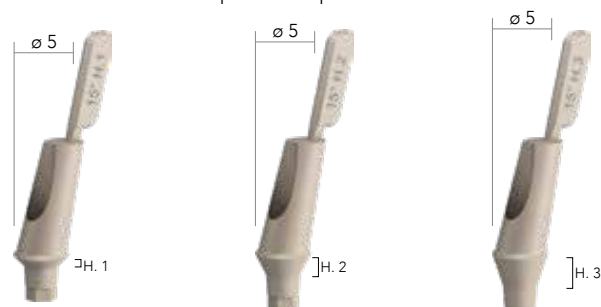
FV107.04/1

FV107.04/2

FV107.04/3

PEEK 15° ANGLED ABUTMENTS

Complete with prosthetic screw



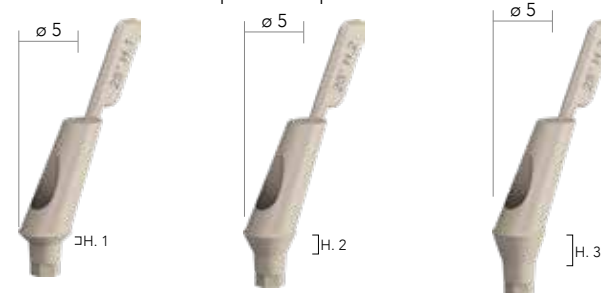
FV107.05/1

FV107.05/2

FV107.05/3

PEEK 25° ANGLED ABUTMENTS

Complete with prosthetic screw



FV107.06/1

FV107.06/2

FV107.06/3

TEMPORARY ABUTMENTS - TITANIUM

User-adjustable temporary abutments in titanium.

INTENDED USE

- User-adjustable both by doctor and technician.
- Anterior and posterior area
- Non-rotating abutments are used for:
 - Screw- or cement-retained temporary crowns;
 - Cement-retained temporary bridges.
- Rotating abutments are used for screw-retained temporary bridges.

CHARACTERISTICS

- Narrow diameter for interdental spaces.
- Precise fit and high stability due to titanium material.
- Conexa connection.

NOTE

Do not use for longer than 180 days.
Place temporary restorations out of occlusion.
The temporary abutment can be shortened vertically no more than 6 mm with usual tools and technique.

NON-ROTATING STRAIGHT ABUTMENTS

Complete with prosthetic screw



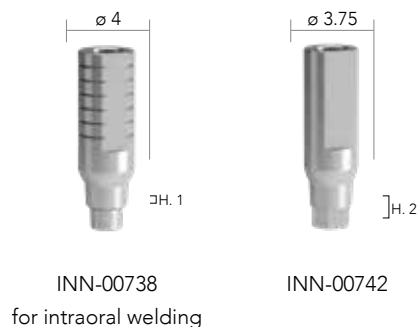
ROTATING STRAIGHT ABUTMENTS

Complete with prosthetic screw



ABUTMENTS WITHOUT SHOULDER

Complete with prosthetic screw



TIGHTENING:  Prosthetic screw INN-6050



The tightening of the prosthetic screw is realized with the 1.27 hex screwdriver and torque ratchet. For the final seating are recommended torques of **25 Ncm**.

CASTABLE ABUTMENT - PLEXIGLASS



INTENDED USE

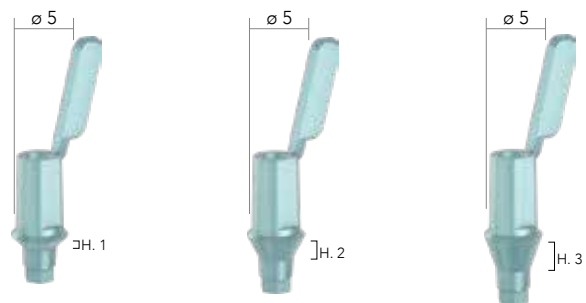
Cement-retained bridges via mesostructure (custom abutment technique).

CHARACTERISTICS

- Easy-to-achieve esthetics due to individual realization of the emergency profile and adaptation to the margin of the gingival contour.
- Superfluous cement easily removable by raising the cement margin using an individually designed mesostructure.

STRAIGHT ABUTMENTS

Complete with prosthetic screw



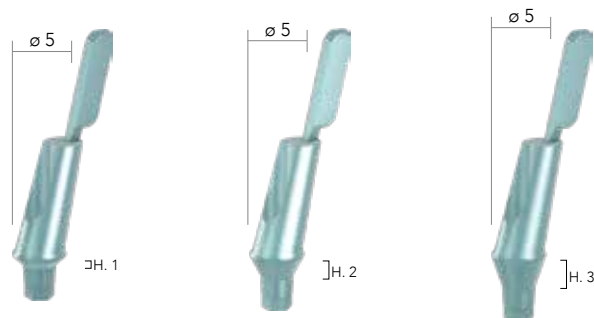
CA107.08/1

CA107.08/2

CA107.08/3

15° ANGLED ABUTMENTS

Complete with prosthetic screw



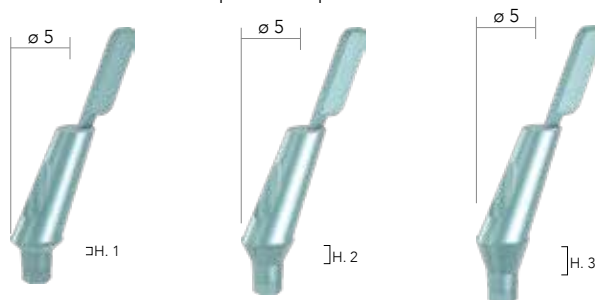
CA107.09/1

CA107.09/2

CA107.09/3

25° ANGLED ABUTMENTS

Complete with prosthetic screw



CA107.10/1

CA107.10/2

CA107.10/3

IMPORTANT NOTE

- The use of castable abutments for DURA-VIT implant system is not advisable, due to the difficulty to obtain a perfect conical fitting between implant and abutment.
- Use the castable abutment only in cases of extreme disparallelism.
- Do not use for a single crown.

TIGHTENING:  Prosthetic screw INN-6050



The tightening of the prosthetic screw is realized with the 1.27 hex screwdriver and torque ratchet. For the final seating are recommended torques of **25 Ncm**.

Ø 5 TITANIUM ABUTMENTS

Prosthetic abutments are titanium components that are fixed on the dental implant using prosthetic screws, thus creating a prosthetic anchorage. Usually used for frontal areas.

INTENDED USE

Cement-retained restorations.

CHARACTERISTICS

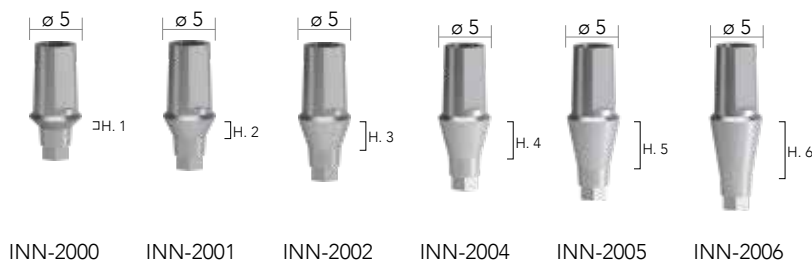
- Simple and safe.
- Less grinding necessity due to prepared mucosa margins.
- Adaptation to natural soft tissue contour due to prepared mucosa margins in different heights.
- Cylindrical shape resembles the emergence profile of a natural tooth.
- Conexa connection.

NOTE

Not suitable for direct ceramic veneering.
 A minimum height of 3 mm above the mucosa margin of the abutment must be maintained in order to keep a proper stability of the abutment.
 The cement margin must not be more than 2 mm below the mucosa.
 Use a new basal screw for the final insertion of the abutment.

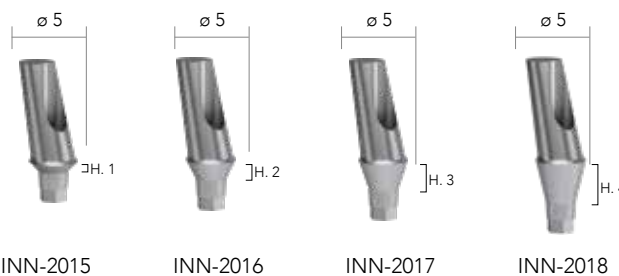
Ø 5 STRAIGHT ABUTMENTS

Complete with prosthetic screw



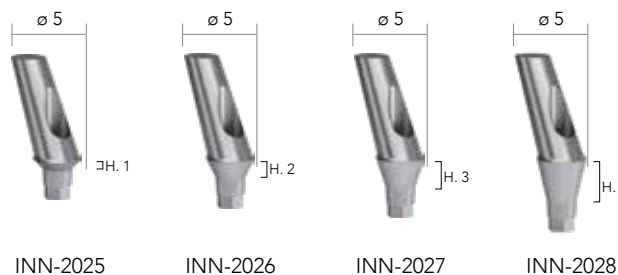
Ø 5 15° ANGLED ABUTMENTS

Complete with prosthetic screw



Ø 5 25° ANGLED ABUTMENTS

Complete with prosthetic screw



TIGHTENING:  Prosthetic screw INN-6050



The tightening of the prosthetic screw is realized with the 1.27 hex screwdriver and torque ratchet. For the final seating are recommended torques of **25 Ncm**.

Ø 6 TITANIUM ABUTMENTS



Prosthetic abutments are titanium components that are fixed on the dental implant using prosthetic screws, thus creating a prosthetic anchorage. Usually used for molars and premolars.

INTENDED USE

Cement-retained restorations.

CHARACTERISTICS

- Simple and safe.
- Less grinding necessity due to prepared mucosa margins.
- Adaptation to natural soft tissue contour due to prepared mucosa margins in different heights.
- Cylindrical shape resembles the emergence profile of a natural tooth.
- Conexa connection.

NOTE

Not suitable for direct ceramic veneering.
A minimum height of 3 mm above the mucosa margin of the abutment must be maintained in order to keep a proper stability of the abutment.
The cement margin must not be more than 2 mm below the mucosa.
Use a new basal screw for the final insertion of the abutment.

Ø 6 STRAIGHT ABUTMENTS

Complete with prosthetic screw



INN-2030

INN-2031

INN-2032

Ø 6 15° ANGLED ABUTMENTS

Complete with prosthetic screw



INN-2065

INN-2066

INN-2067

Ø 6 25° ANGLED ABUTMENTS

Complete with prosthetic screw



INN-2075

INN-2076

INN-2077

TIGHTENING:  Prosthetic screw INN-6050



The tightening of the prosthetic screw is realized with the 1.27 hex screwdriver and torque ratchet. For the final seating are recommended torques of **25 Ncm**.

UCLA ABUTMENT

INTENDED USE

- Ideal for overcasting.
- Cemented-retained restoration.
- Screw-retained restoration.
- Use for single or multiple crowns.

CHARACTERISTICS

- Made of Gold or Chrome Cobalt
- Completely customizable.
- Model anatomically the gingiva.
- Conexa connection.

UCLA ABUTMENT

Complete with prosthetic screw



INN-6048CC
Cr-Co

INN-6048
Oro

TI LINK 3P/EV/WIDE

INTENDED USE

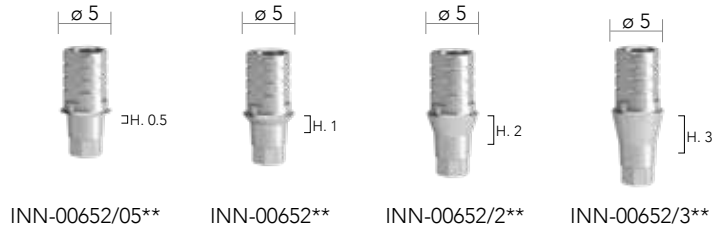
Cement-retained restorations.

CHARACTERISTICS

- Simple and safe.
- Less grinding necessity due to prepared mucosa margins.
- Adaptation to natural soft tissue contour due to prepared mucosa margins in different heights.
- Cylindrical shape resembles the emergence profile of a natural tooth.
- Conexa connection.

NON ROTATING BASE

Complete with prosthetic screw



INN-00652/05**

INN-00652**

INN-00652/2**

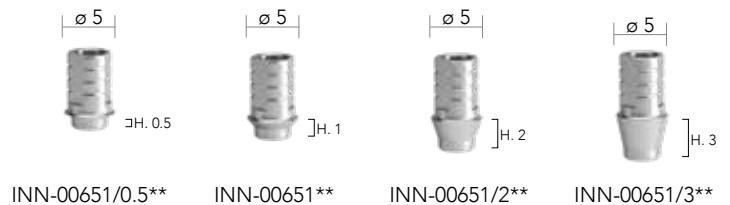
INN-00652/3**

NOTE

Not suitable for direct ceramic veneering.
A minimum height of 3 mm above the mucosa margin of the abutment must be maintained in order to keep a proper stability of the abutment.
The cement margin must not be more than 2 mm below the mucosa.
Use a new basal screw for the final insertion of the abutment.

ROTATING BASE

Complete with prosthetic screw



INN-00651/0.5**

INN-00651**

INN-00651/2**

INN-00651/3**

CASTING CYLINDER



INN-0430

 Prosthetic screw INN-6050

DIGITAL INSTRUMENTS

Digital tools are specifically designed for the use with scanners and printers. Please contact us for libraries.



SCANCAP
INN-SCAN
to be used with Ti link



SCANBODY
INN-SCAN-2-NR
the codes include screw
INN-6050



PREMILLED NT-TRADING
INN-CF512**



PREMILLED MEDENTIKA
INN-CF5123 Titanium** INN-CF5125 Titanium**
INN-CB512 Cobalt Chrome** INN-CB5125 Cobalt Chrome**



3D STAND ANALOG
3D-00585
the codes include screw
3D-02

** the codes include screw INN-6050

TI BASE CEREC® (Linea L)

INTENDED USE

- Cemented-retained restoration.
- Screw-retained restoration.

CHARACTERISTICS

- Titanium base.
- Completely customized prostheses.
- Use of CAD/CAM technology for the production of zirconium abutments that has to be fixed on the central pillar.
- Conexa connection.

CEREC BASE

Complete with prosthetic screw



INN-00655



INN-00655/2



INN-00655/3

NOTE:



Scanbodies are not included in ScanPost and TiBase for the implant optical acquisition. The grey cap is used with omnicam system L (code: 6431329) . The white cap is used with bluecam system L (code: 6431303).

Prosthetic screw INN-6050

MUA

INTENDED USE

- Screwed bridges
- "All-on-four" and "All-on-six" prosthesis
- Bar-retained overdentures.

STRAIGHT MUA

The straight MUA has a conical top with an external hexagon, that allows to tighten it by mean of a MUA driver (manual or ratchet connection).

ANGLED MUA

The 17° and 30° angled MUA help to achieve parallelism for non-parallel implants. They can be easily connected through a MUA holder (Ref. 023MUA) and then fixed with a prosthetic screw.

IMPORTANT NOTE

The correct position of angled abutments can be checked considering that the external hexagon of the driver is in phase with the internal hex.

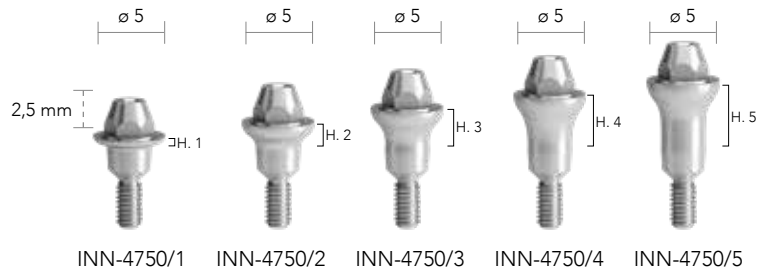
TIGHTENING:

 Prosthetic screw INN-5146



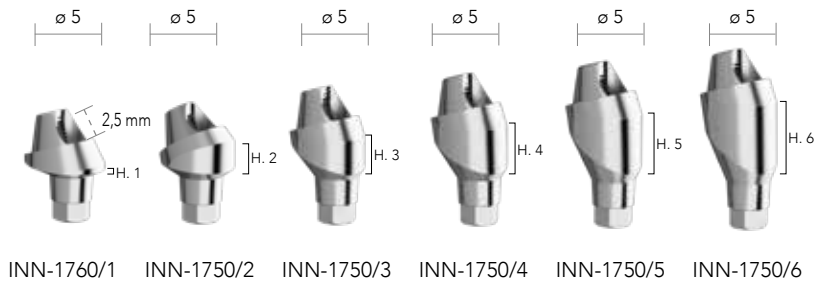
The tightening of the prosthetic screw is realized with the 1.27 hex screwdriver and torque ratchet. For the final seating are recommended torques of **25 Ncm**. The MUA fixing screw has to be tightened with 15Ncm.

STRAIGHT ABUTMENTS



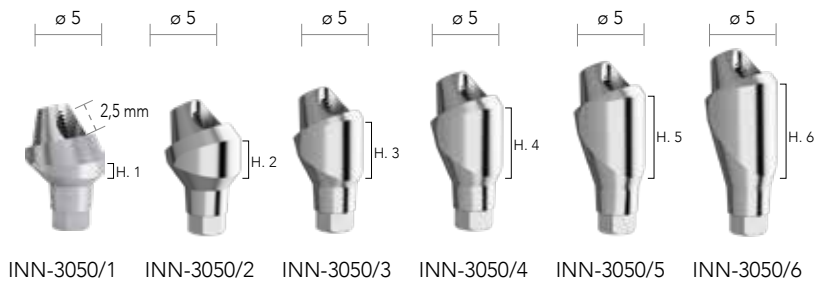
17° ANGLED ABUTMENTS

Complete with prosthetic screw



30° ANGLED ABUTMENTS

Complete with prosthetic screw



MUA DRIVERS



ANGLED MUA HOLDER
023-MUA



O-BALL AND STRAIGHT MUA MANUAL DRIVER
00440M



O-BALL AND STRAIGHT MUA TORQUE RATCHET DRIVER
INN-00637



ALL ON FOUR ARCH GUIDE
INN-3017

NOTE: item 00440M and INN-00637 are used also for spherical abutments

SURGICAL ACCESSORIES



LABORATORY ACCESSORIES



IMPORTANT NOTE

The tightening of the connecting screw (INN-6051) is realized with the 1.27 hex screwdriver and torque ratchet. For the final seating are recommended torques of **15 Ncm**.

DIGITAL INSTRUMENTS

Digital tools are specifically designed for the use with scanners and printers. Please contact us for libraries.



SPHERICAL ANCHOR SYSTEM

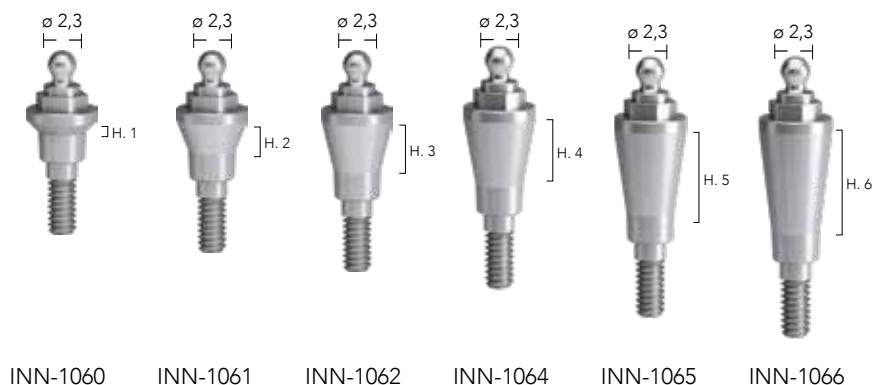
INTENDED USE

Dentures retained by implants in the mandible and maxilla.

CHARACTERISTICS

- Simple.
- Divergence compensation up to 20° between two implants.
- Minimum height for limited occlusal space.
- Reliable.
- Excellent long-term performances due to high wear on resistance of components.

Ø 2,3 SPHERICAL ANCHORS



TIGHTENING:



The tightening of the abutment is realized with the 1.27 hex screwdriver and torque ratchet. For the final seating are recommended torques of **25 Ncm**.

O-BALL ANALOG



INN-00623

TRANSFER



INN-00625

Ø 2.3 PLASTIC CAPS AND METAL HOUSING

NOTE: The metal housing contains inside the plastic cap.

Ø 2.3 ONLY PLASTIC CAPS

6pcs each package



SURGICAL INSTRUMENTS



1 METAL INSERTION
TOOL FOR CAPS
185IAC



1 BLUE PLASTIC
"MULTIUSE" INSERTION TOOL
124ICP



O-BALL AND STRAIGHT
MUA TORQUE RATCHET DRIVER
INN-00637



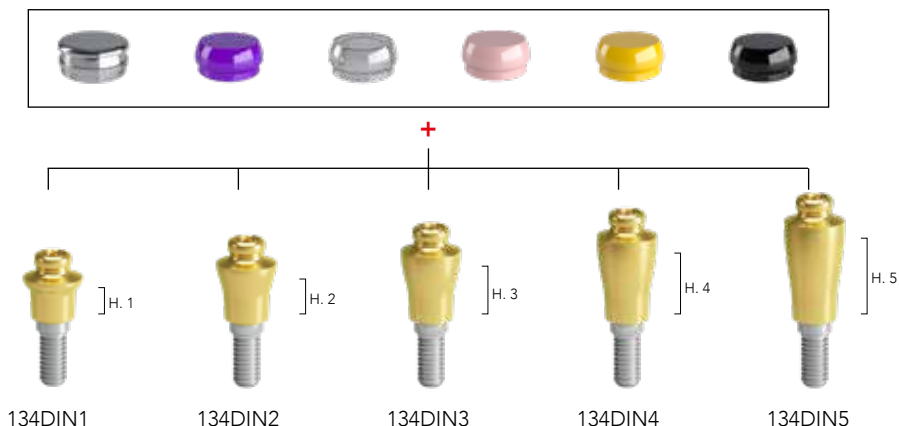
O-BALL AND STRAIGHT
MUA MANUAL DRIVER
00440M

EQUATOR ANCHOR SYSTEM



COMPLETE SET INCLUDES:

- 1 Anchor abutment
- 1 Stainless steel housings
- 1 Retentive caps - violet "strong"
- 1 Retentive caps - white "standard"
- 1 Retentive caps - pink "soft"
- 1 Retentive caps - yellow "extra-soft"
- 1 Processing cap - black



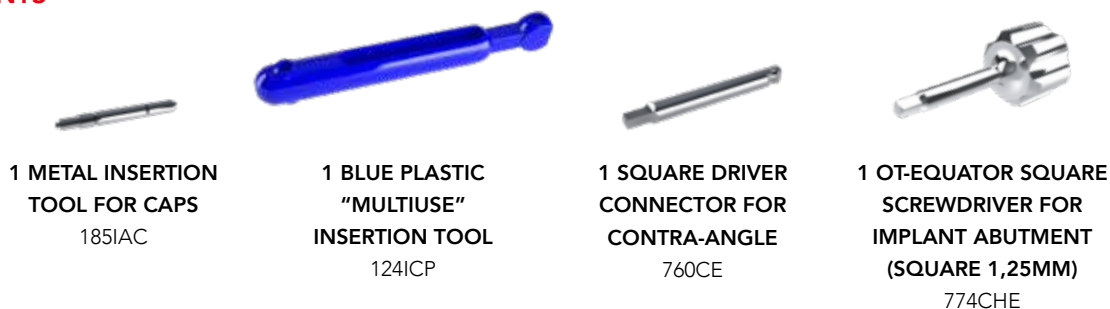
CAPS WITH METAL HOUSING



LABORATORY ACCESSORIES



SURGICAL INSTRUMENTS



TIGHTENING:



The tightening of the EQUATOR abutment is realized with the 1.27 hex screwdriver and torque ratchet. For the final seating are recommended torques of **25 Ncm**.

BAR SYSTEM WITH FLAT ABUTMENTS

Flat abutments are screwed directly on implant. They are ideal for full-mouth rehabilitation cases and for bar-retained overdentures on implants. The design allows flexibility in the clinical situation in case of disparallelism, keeping the axis for converging and diverging implants beyond 15°.

DESIGNED USE

- Screw-retained prosthesis.
- Screw-retained bridges.
- Bar-retained overdentures on implants.
- Immediate load.

CHARACTERISTICS

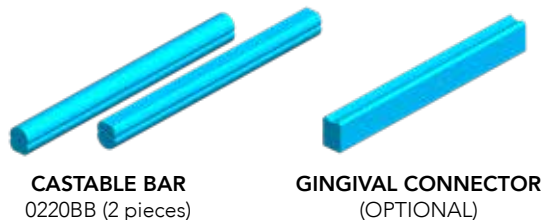
- Eliminate the need for parallelism.
- Restoration supported by a wide and flat platform.
- Does not rely on retaining screw for support.
- Create stable prostheses and suitable for esthetics zones.
- They should not be used in cases in which the implant has been placed with an angle exceeding 15°.



IMPORTANT NOTE

All surgical and laboratory accessories specific for FLAT abutment are described in detail on page 54. The prosthetic components are always the same independently from FLAT abutment placed on the implant.

OT BAR



PLASTIC CLIP



INSTRUMENTS



TIGHTENING:



The tightening of the FLAT abutment is realized with the 1.27 hex screwdriver and torque ratchet. For the final seating are recommended torques of **25 Ncm**.

LABORATORY ACCESSORIES

IMPORTANT NOTE

The tightening of the connecting screw (INN-00690) is realized with the 1.27 hex screwdriver and torque ratchet. For the final seating are recommended torques of **15 Ncm**.



CONNECTING SCREW
INN-00690



FLAT ANALOG
INN-00736



CASTABLE CYLINDER
INN-00687
Complete with connecting screw



TITANIUM CYLINDER
INN-00687/1
Complete with connecting screw

DIGITAL INSTRUMENTS

Digital tools are specifically designed for the use with scanners and printers. Please contact us for libraries.



FLAT BASE
3D-00687/2
the code includes screw
INN-00690



FLAT BASE FOR ANGLED HOLES
3D-00687/1
the code includes screw
INN-00690



FLAT SCAN
SCAN-FLAT
the code includes screw
INN-00690



FLAT ANALOG
3D-00736
the code includes screw 3D-02

KEYS FOR INCLINED HOLES

These keys are intended only for 3D-16 screws for inclined holes.



The base code 3D-00687/1 can be used for inclined holes by purchasing the screw code 3D-16

KEYS FOR INCLINED HOLES

These keys are intended only for 3D-16 screws for inclined holes.



SHORT
3D-17018



MEDIUM
3D-17024



LONG
3D-17032

CHARACTERISTICS OF DURA-VIT SLIM Ø 3.4 IMPLANT

HEXAGONAL CONICAL CONNECTION WITHOUT CONO MORSE RETENTION

- Precision in positioning the prosthetic components
- Ideal solutions by respecting the parallelism
- Contact area increased between implant surface and abutment
- High stability
- EXTRACTOR NOT NEEDED

DOUBLE THREAD BODY

- Thread of increased depth and highly sharp
- Easy insertion and bone condensing
- Higher primary stability

SELF TAPPING SYSTEM

- Self tapping
- Self drilling

BACK-TAPERED CORONAL DESIGN WITH MICRO RINGS

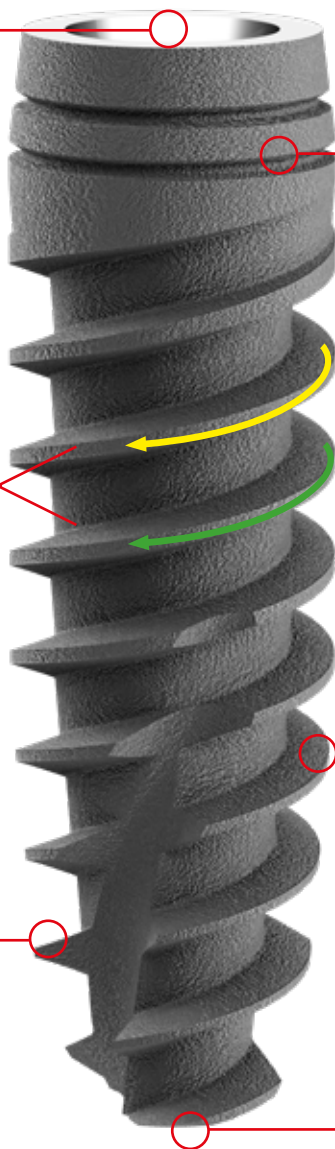
- Optimal soft tissue support
- Maximum alveolar bone volume
- Less crestal resorption

PERFECT ANATOMICAL DESIGN LIKE A RADICULAR STRUCTURE

- Innovative macromorphology, designed for a primary high stability





APICAL BLADE

- Penetrate small diameter preparations
- Optimal anchorage



SURGICAL BENEFITS

- Improved ease of insertion through the increased depth double thread coil.
- Higher primary stability.
- Higher bone condensing.
- Ideal in conditions of spongy bone (D3-D4).
- Ideal in post-extraction conditions and for immediate load.
- Require small diameter preparations.
- Titanium grade 4.

	L. 8	L. 10	L. 12	L. 14
ø 3.4				
	SL-3408	SL-3410	SL-3412	SL-3414

IMPORTANT NOTE

DURA-VIT SLIM ø3.4 e ø3 require the same prosthetic components. Please note that they are different from EV, 3P and WIDE lines of implants. Screws abutment and analogues of this line are different from EV,3P and Wide lines.

CHARACTERISTICS OF DURA-VIT SLIM Ø 3 IMPLANT

HEXAGONAL CONICAL CONNECTION WITHOUT CONO MORSE RETENTION

- Precision in positioning the prosthetic components
- Ideal solutions by respecting the parallelism
- Increased contact area between implant surface and abutment
- High stability
- EXTRACTOR NOT NEEDED

TRIPLE THREAD BODY

- 60° rounded thread
- Increased contact area with the bone for reducing invasiveness
- Improved osseointegration

SELF TAPPING SYSTEM

- Self tapping
- Self drilling

MICROGROOVING COLLAR

- Primary stability increased
- Easy insertion implant
- Reduced prosthetic load
- Easy gingival tissues healing

PERFECT ANATOMICAL DESIGN LIKE A RADICULAR STRUCTURE





- Innovative macromorphology, designed for a primary high stability

"BONE FRIENDLY" APEX

- The rounded shape helps the maxillary sinus lift technique
- It reduces the perforation risks

SURGICAL BENEFITS

- Progressive tapered implant and high primary stability.
- Easy, fast and stable implant insertion thanks to three thread body.
- Better control during implant placement.
- Suitable for all procedures.
- Suitable for all types of bone.
- Titanium grade 5.

	L. 8	L. 10	L. 12	L. 14
ø 3				
	3P-3008	3P-3010	3P-3012	3P-3014

IMPORTANT NOTE

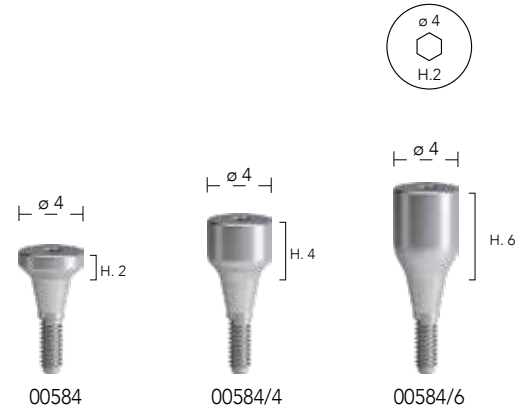
DURA-VIT SLIM ø3.4 e ø3 require the same prosthetic components. Please note that they are different from EV, 3P and WIDE lines of implants. Screws abutment and analogues of this line are different from EV,3P and Wide lines.

HEALING AND IMPRESSION COMPONENTS

HEALING SCREWS (TITANIUM GRADE 5)

Each package contains 1 piece.

These components are used to rehabilitate soft tissues around the implant in order to insert the final prosthetic abutment later on.



PICK-UP TRANSFER (SLIM) (OPEN TRAY TECHNIQUE)

Place the impression transfer inside the implant and make sure that the internal hex is correctly engaged before tightening the screw using light finger force.

Prepare a customized impression tray and inject elastomeric impression material around the implant transfer and into the impression tray. So take the impression.

Once the material is solid, loosen the guide screw and remove the tray. Then reposition and fix the analog in the impression using the screw.

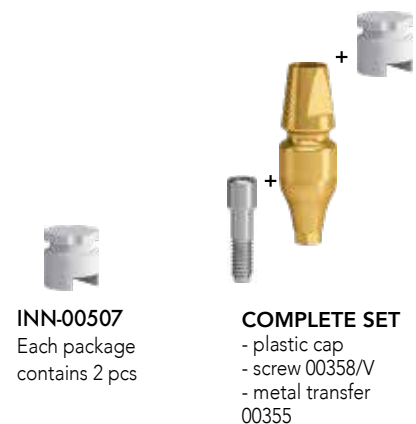


FACILITY TRANSFER (SLIM) (CLOSE TRAY TECHNIQUE)

Place the transfer impression inside the implant and make sure that the internal hex is correctly engaged before tightening with hexagon screwdriver using light finger force.

After that place the plastic cap on the transfer. Prepare a standard impression tray and inject elastomeric impression material around the implant transfer and into the impression tray.

Once the material is solid, remove the impression and take out the impression copings, attaching the analog and correctly reposition into the impression model.



ANALOG

The analogues reproduce the shape and connection of the implants in the model. They must be positioned on the transfers in the impression before proceeding with the casting of the model.



ANALOG
00097AN/1

PROSTHETIC COMPONENTS

TITANIUM AND PEEK SLIM ABUTMENTS

INTENDED USE

Cement-retained restoration.

CHARACTERISTICS

- Designed for responding to doctors' requests for procedures involving crowns and traditional bridges.
- Simplified reconstruction.
- Available in $\varnothing 4$, indicated for anterior areas and in 3 heights (h. 1,2,3 mm.) according to the gingiva.
- Optimal esthetic results, following the natural teeth preparations.

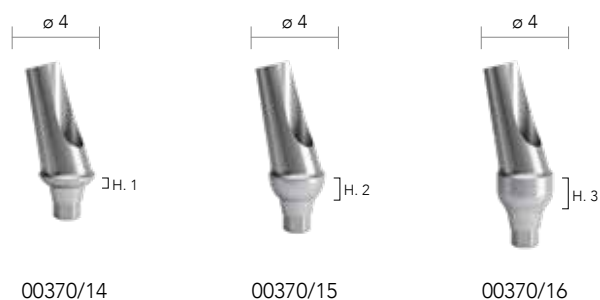
Ø 4 STRAIGHT ABUTMENTS

Complete with prosthetic screw



Ø 4 15° ANGLED ABUTMENTS

Complete with prosthetic screw



Ø 4 25° ANGLED ABUTMENTS

Complete with prosthetic screw



IMPORTANT NOTE

The correct position of angled abutments can be checked considering that the external hexagon of the driver is in phase with the internal hex.

TIGHTENING:  Prosthetic screw 00358/V



The tightening of the prosthetic screw is realized with the 1.27 hex screwdriver and torque ratchet. For the final seating are recommended torques of **20 Ncm**.

TEMPORARY PEEK ABUTMENT



SL-2081P

SLIM CASTABLE ABUTMENTS

INTENDED USE

Cemented-retained bridges by mesostructure (personalized abutment technique).

CHARACTERISTICS

- The individual realization of the individual emergence profile and the adaptation to the gum margin allow achieving optimal aesthetic results.
- Easy removal of cement in excess, increasing the limit with the aid of a individually designed mesostructure.

CASTABLE ABUTMENTS Ø 4

Complete with prosthetic screw



00358CA

TI LINK SLIM

INTENDED USE

Cement-retained restorations.

CHARACTERISTICS

- Simple and safe.
- Less grinding necessity due to prepared mucosa margins.
- Adaptation to natural soft tissue contour due to prepared mucosa margins in different heights.
- Cylindrical shape resembles the emergence profile of a natural tooth.
- Conexa connection.

NOTE

Not suitable for direct ceramic veneering.

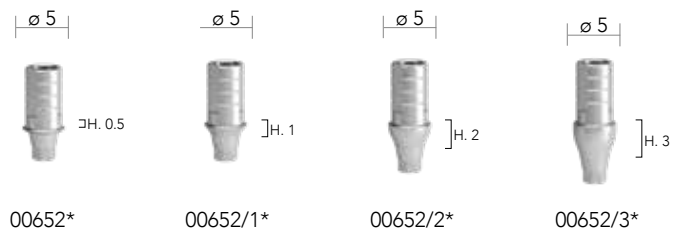
A minimum height of 3 mm above the mucosa margin of the abutment must be maintained in order to keep a proper stability of the abutment.

The cement margin must not be more than 2 mm below the mucosa.

Use a new basal screw for the final insertion of the abutment.

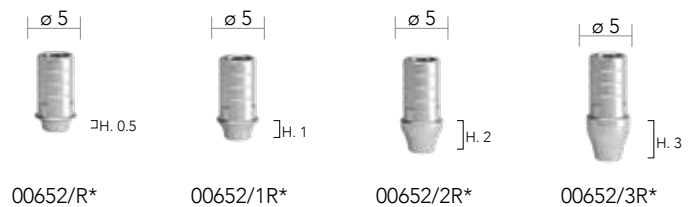
NON ROTATING BASE

Complete with prosthetic screw



ROTATING BASE

Complete with prosthetic screw



CASTING CYLINDER



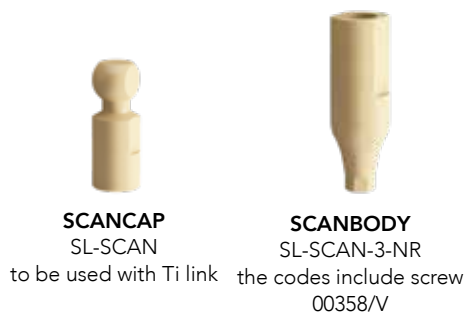
SL-0524



Prosthetic screw 00358/V

DIGITAL INSTRUMENTS

Digital tools are specifically designed for the use with scanners and printers. Please contact us for libraries.



*the code includes screw 00358/V

TI BASE CEREC® (Linea S)

INTENDED USE

- Cemented-retained restoration.
- Screw-retained restoration.

CHARACTERISTICS

- Titanium base.
- Completely customized prostheses.
- Use of CAD/CAM technology for the production of zirconium abutments that has to be fixed on the central pillar.
- Conexa connection.



TI BASE CEREC® (SLIM Line)

Complete with prosthetic screw



00655

NOTE:



Scanbodies are not included in ScanPost and TiBase for the implant optical acquisition. The grey cap is used with omnicam system S (code: 6431311). The white cap is used with bluecam system S (code: 6431295).

FLAT ABUTMENTS

Flat abutments are screwed directly on implant. They are ideal for full-mouth rehabilitation cases and for bar-retained overdentures on implants. They are designed with a wide and flat platform on which can be applied customizable castable or temporary abutments. These are fixed through a prosthetic screw that can be screwed inside of the flat abutment because it is provided with internal hexagon and thread.

DESIGNED USE

- Screw-retained prostheses.
- Screw-retained bridges.
- Bar-retained overdentures on implants.
- Immediate load.

CHARACTERISTICS

- Eliminate the need for parallelism.
- Restoration supported by a wide and flat platform.
- Does not rely on retaining screw for support.
- Create stable prostheses and suitable for esthetics zones.
- They should not be used in cases in which the implant has been placed with an angle exceeding 20°.



TIGHTENING:



The tightening of the flat abutment has to be realized through a torque ratchet and the driver 00578/S. For the final seating are recommended torques of **20 Ncm**.

SURGICAL INSTRUMENTS



**SHORT TORQUE RATCHET MOUNTER
WITHOUT SPRING**
00578/S

SURGICAL ACCESSORIES



HEALING SCREW
INN-00733



**CLOSED
TRAY TRASFER**
INN-00737

LABORATORY ACCESSORIES

IMPORTANT NOTE

The tightening of the connecting screw (INN-00690) is realized with the 1.27 hex screwdriver and torque ratchet. For the final seating are recommended torques of **15 Ncm**.



CONNECTING SCREW
INN-00690



FLAT ANALOG
INN-00736



CASTABLE CYLINDER
INN-00687
Complete with connecting screw



TITANIUM CYLINDER
INN-00687/1
Complete with connecting screw

DIGITAL INSTRUMENTS

Digital tools are specifically designed for the use with scanners and printers. Please contact us for libraries.



FLAT BASE
3D-00687/2
the code includes screw
INN-00690



FLAT BASE FOR ANGLED HOLES
3D-00687/1
the code includes screw
INN-00690



FLAT SCAN
SCAN-FLAT
the code includes screw
INN-00690



MUA ANALOG
3D-00586
the code includes screw 3D-02



The base code 3D-00687/1 can be used for inclined holes by purchasing the screw code 3D-16

KEYS FOR INCLINED HOLES

These keys are intended only for 3D-16 screws for inclined holes.



SHORT
3D-17018



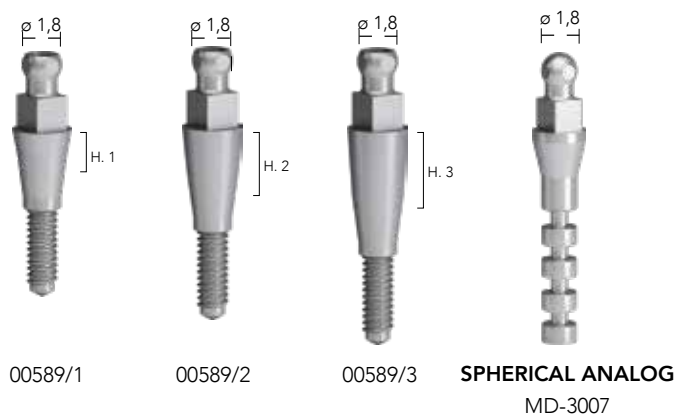
MEDIUM
3D-17024



LONG
3D-17032

SPHERICAL ANCHOR SYSTEM

O-ball abutments for SLIM implants require metal housings of \varnothing 1.8. It can be chosen most suitable retention to the clinical case. **Specific surgical instruments have to be used for their positioning, which are the same for the placement of MINI DURA-VIT IMPLANT.**



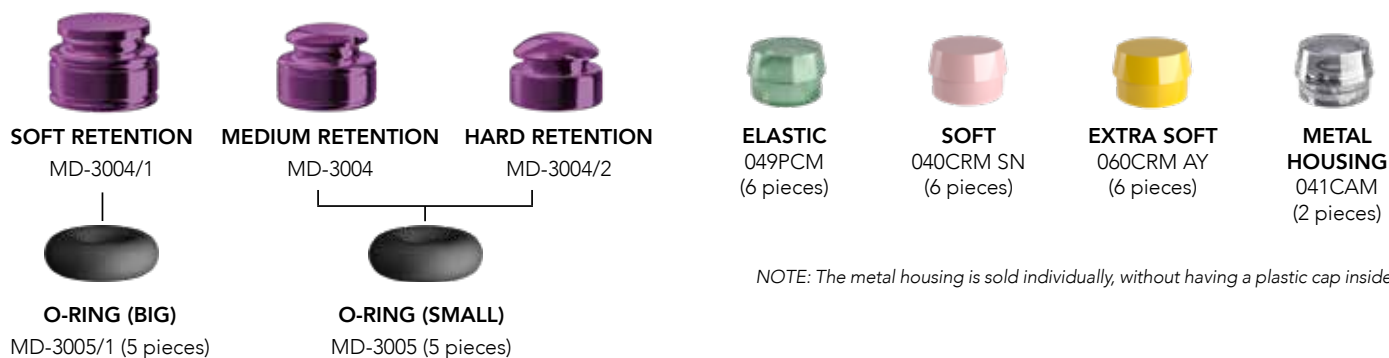
TIGHTENING:



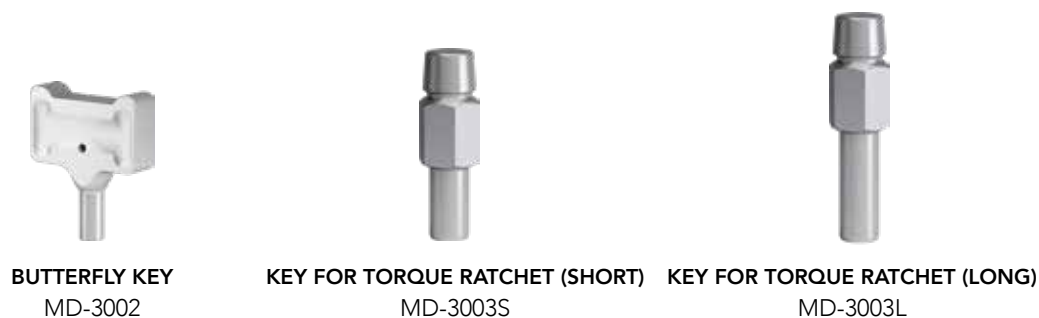
The tightening of spherical abutments has to be realized through the combination of a torque ratchet and a driver. For the final seating are recommended torques of **20 Ncm**.

Ø 1.8 PLASTIC CAPS AND METAL HOUSING

The metal housings are available in three different retentions, achieved by using the appropriate silicon o-ring and metal housing.



SURGICAL INSTRUMENTS

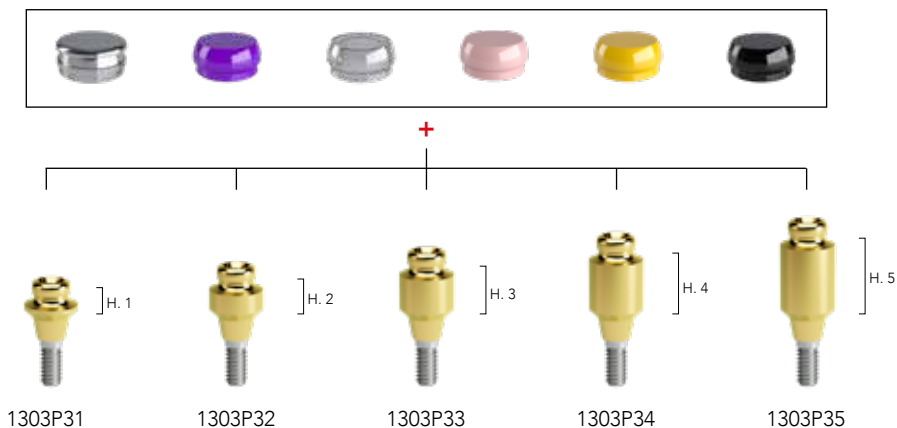


EQUATOR ANCHOR SYSTEM



COMPLETE SET INCLUDES:

- 1 Anchor abutment
- 1 Stainless steel housings
- 1 Retentive caps - violet "strong"
- 1 Retentive caps - white "standard"
- 1 Retentive caps - pink "soft"
- 1 Retentive caps - yellow "extra-soft"
- 1 Processing cap - black



CAPS WITH METAL HOUSING



LABORATORY ACCESSORIES



SURGICAL INSTRUMENTS

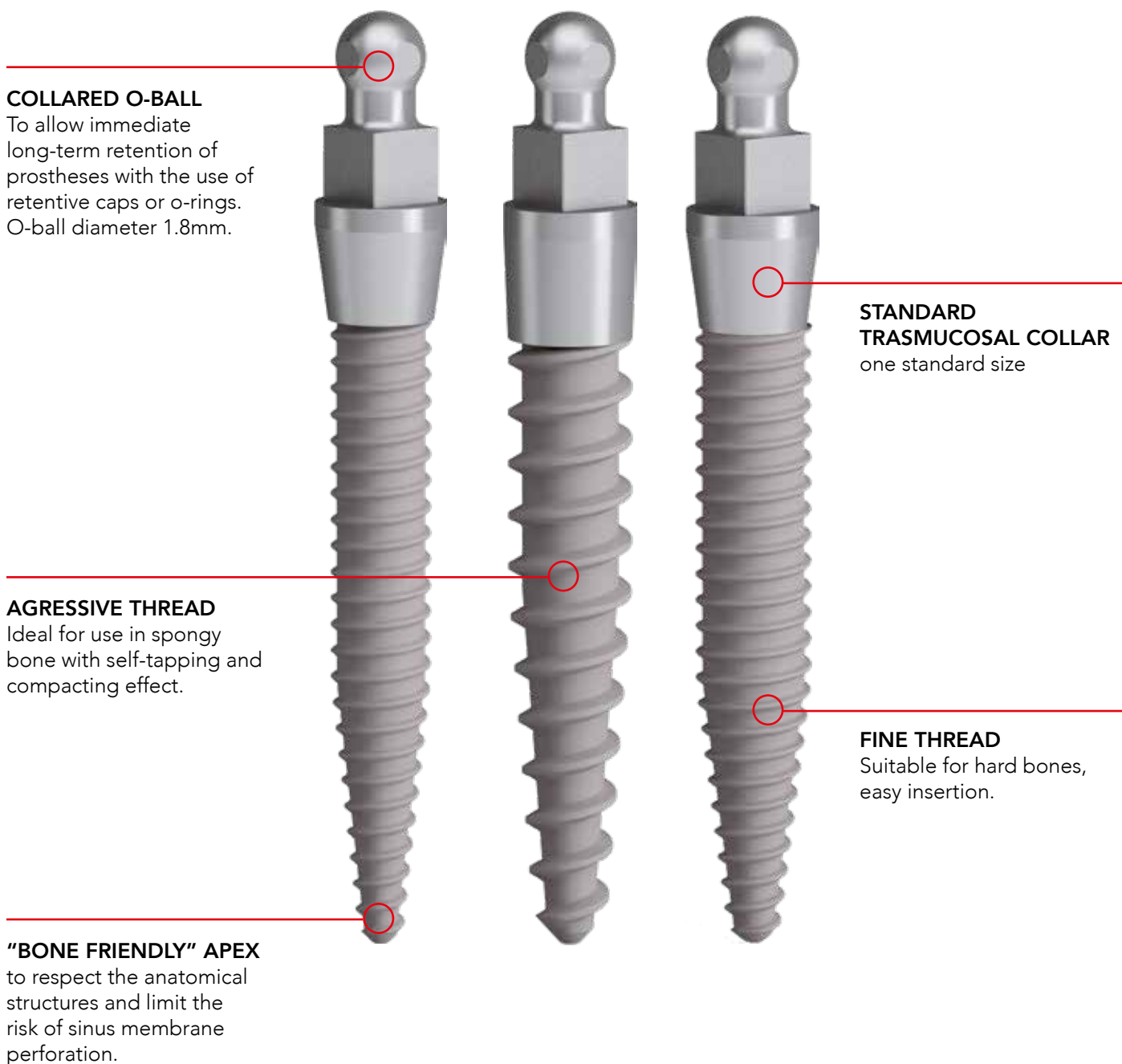


TIGHTENING:



The tightening of the EQUATOR abutment is realized with the 1.27 hex screwdriver and torque ratchet. For the final seating are recommended torques of **25 Ncm**.

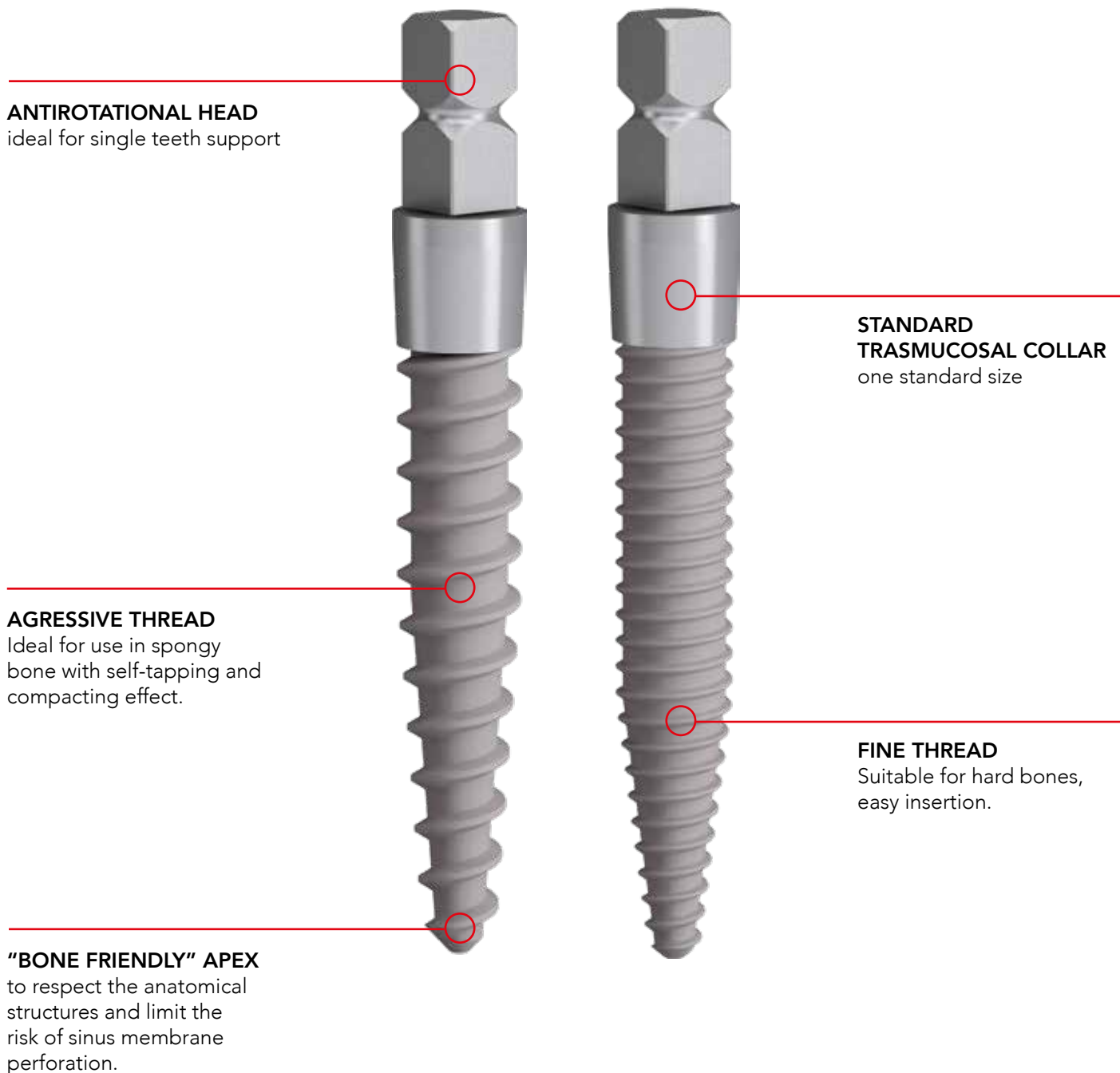
CHARACTERISTICS OF DURA-VIT MINI IMPLANT O-BALL HEAD



O-BALL DURA-VIT MINI IMPLANTS

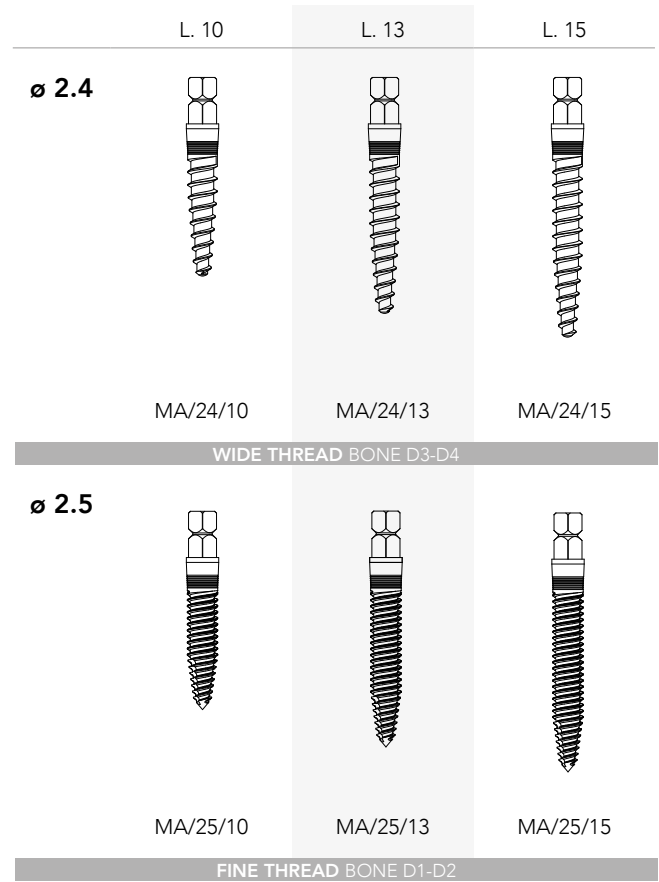
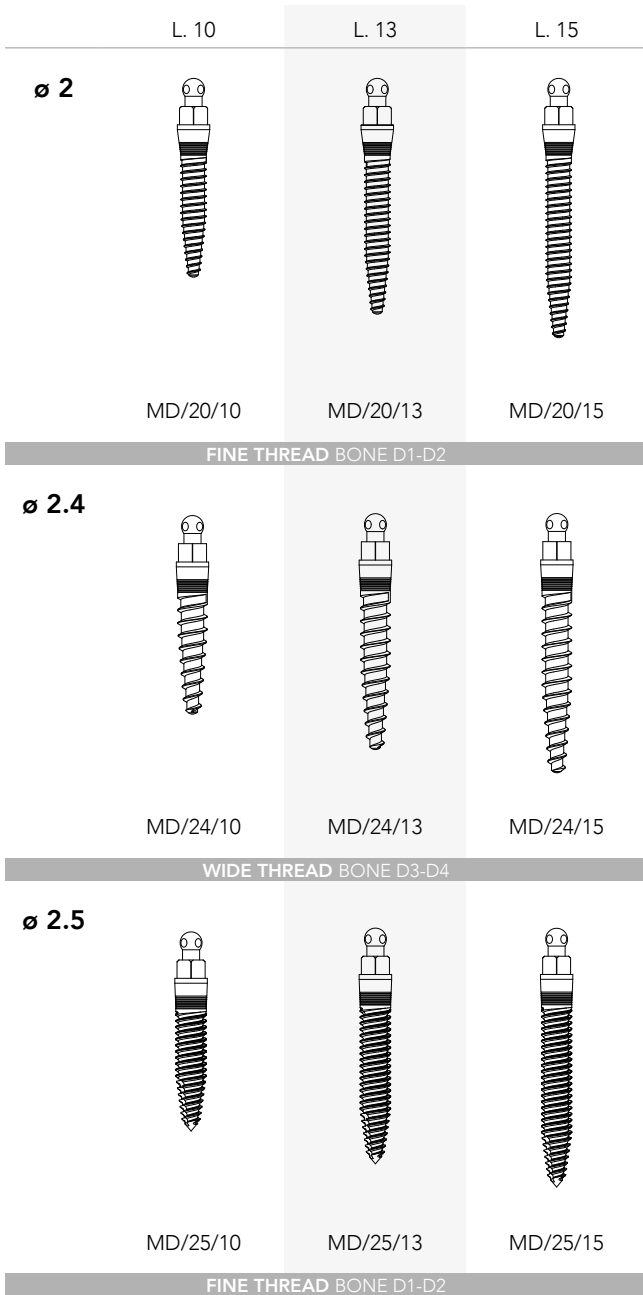
The O-BALL DURA-VIT MINI IMPLANT line offers immediate long-term stability for removable prostheses, as well as functionality. They are available in 3 diameters (2.0 – 2.4 – 2.5) and in 3 different lengths (L. 10 – 13 – 15). They are supplied with a metal housing provided with medium retention O-ring , Ref. MD-3004.

DURA-VIT MINI IMPLANT SQUARE HEAD



SQUARE HEAD DURA-VIT MINI IMPLANTS

Mini implants with square head produce a strong primary stability with immediate functionality. They are mostly placed in anterior sites to replace laterals, cuspids, and bicuspid. Generally they are used for specific single-tooth restorations. They require the use of castable square head caps with the function of transfer and abutment, Ref. MD-3006, and these need to be modeled and cast to achieve abutment. They are available in 2 diameters (2.4 – 2.5) and in 3 different lengths (L. 10 – 13 -15).



TIGHTENING:



The tightening of the MINI IMPLANTS is realized with the 1.27 hex screwdriver and torque ratchet. Torques between **35 and 50 Ncm** for immediate loading are recommended.

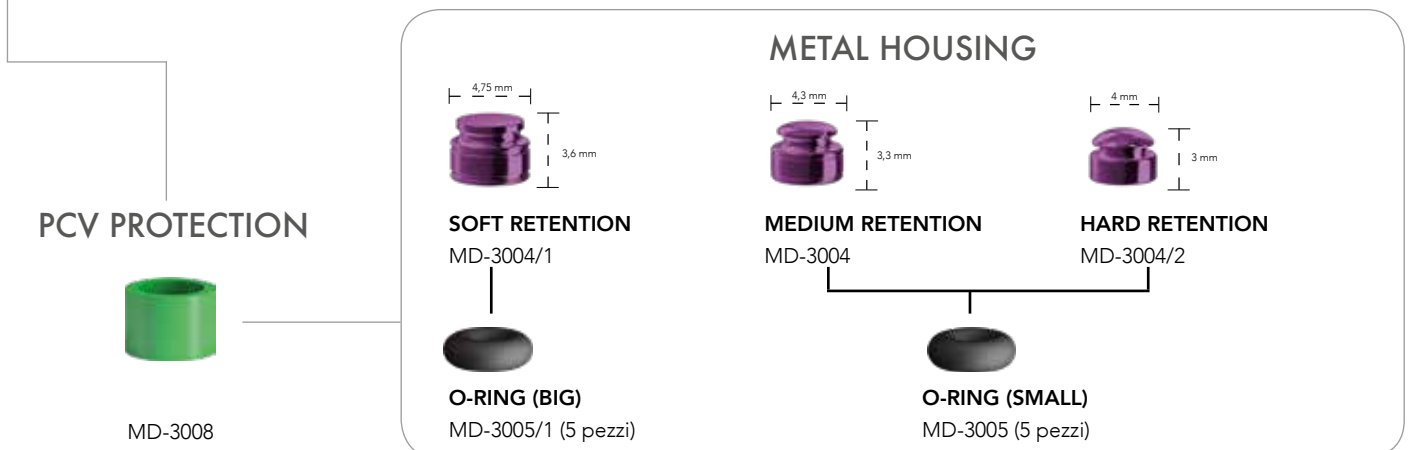
PROSTHETIC COMPONENTS



COLLARED ANALOG
MD-3007



COLLARED SQUARE HEAD ANALOG
MA-1007



SURGICAL KITS





DURA-VIT SURGICAL KIT

REF. 3P-00092SC



TORQUE RATCHET MOUNTER (SLIM)



PARALLEL PIN 4 PZ - TITANIUM



IMPLANT DRIVER FOR 3P, EV AND WIDE IMPLANTS



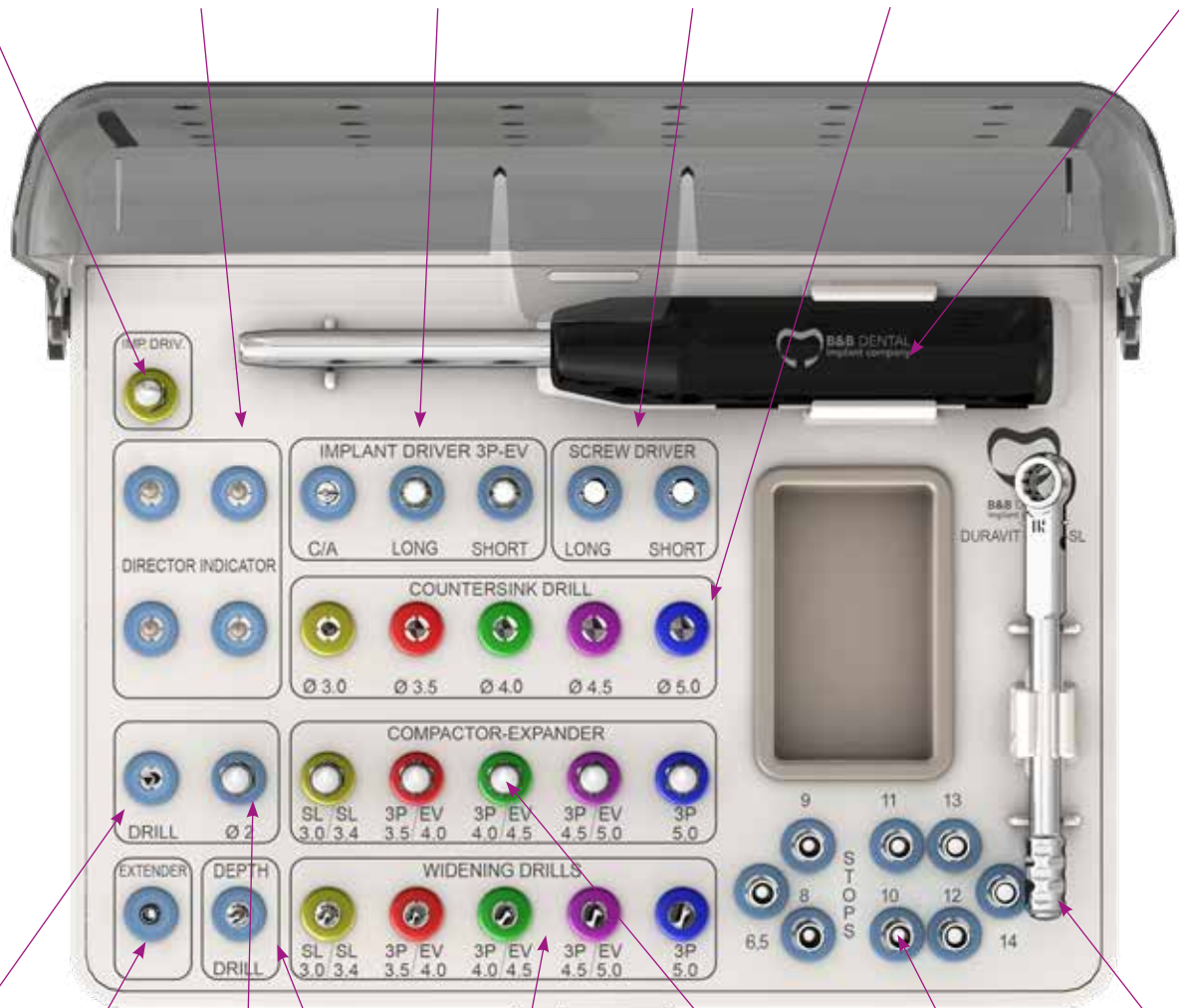
PROSTHETIC SCREWDRIVERS



COUNTERSINK DRILL



STRAIGHT MANUAL KEY



LANCE DRILL



EXTENDER



COMPACTOR Ø 2.1



DRILL Ø 2.1



CONICAL DRILL



COMPACTOR



STOPPER



UNIVERSAL RATCHET



Extender	Ref. 00236N	Metal stopper L. 6,5 mm	Ref. STOP06
Lance drill	Ref. 147-021	Metal stopper L. 8 mm	Ref. STOP01
Depth drill Ø 2.1	Ref. 00074CUT	Metal stopper L. 9 mm	Ref. STOP07
Conical drill Ø 3	Ref. 00075CUT	Metal stopper L. 10 mm	Ref. STOP02
Conical drill Ø 3.5	Ref. 3P-35CUT	Metal stopper L. 11 mm	Ref. STOP08
Conical drill Ø 4	Ref. 3P-40CUT	Metal stopper L. 12 mm	Ref. STOP03
Conical drill Ø 4.5	Ref. 3P-45CUT	Metal stopper L. 13 mm	Ref. STOP09
Conical drill Ø 5	Ref. 3P-50CUT	Metal stopper L. 14 mm	Ref. STOP04
Compactor-expander Ø 2.2	Ref. 201-3P	Support for stopper (8 pcs)	Ref. SUP-STOP3P
Compactor-expander Ø 3	Ref. 281-3P	Director indicator (4 pcs)	Ref. 00441T
Compactor-expander Ø 3.5	Ref. 331-3P	Implant driver SLIM (Long)	Ref. 00578/L
Compactor-expander Ø 4	Ref. 381-3P	Implant insertion key (contra-angle)	Ref. INN-00581
Compactor-expander Ø 4.5	Ref. 431-3P	Implant driver (Long)	Ref. INN-00590/2
Compactor-expander Ø 5	Ref. 481-3P	Implant driver (Short)	Ref. INN-00590/1
Countersink drill Ø 3	Ref. NECK-30	Prosthetic screwdriver (Long)	Ref. INN-61000L
Countersink drill Ø 3.5	Ref. NECK-35	Prosthetic screwdriver (Short)	Ref. INN-61000
Countersink drill Ø 4	Ref. NECK-40	Universal ratchet	Ref. 00376
Countersink drill Ø 4.5	Ref. NECK-45	Straight manual key	Ref. 3P-00090CM
Countersink drill Ø 5	Ref. NECK-50		

DURA-VIT SIMPLIFIED SURGICAL KIT

REF. 3P-00095SC



IMPLANT DRIVERS



COUNTERSINK DRILL



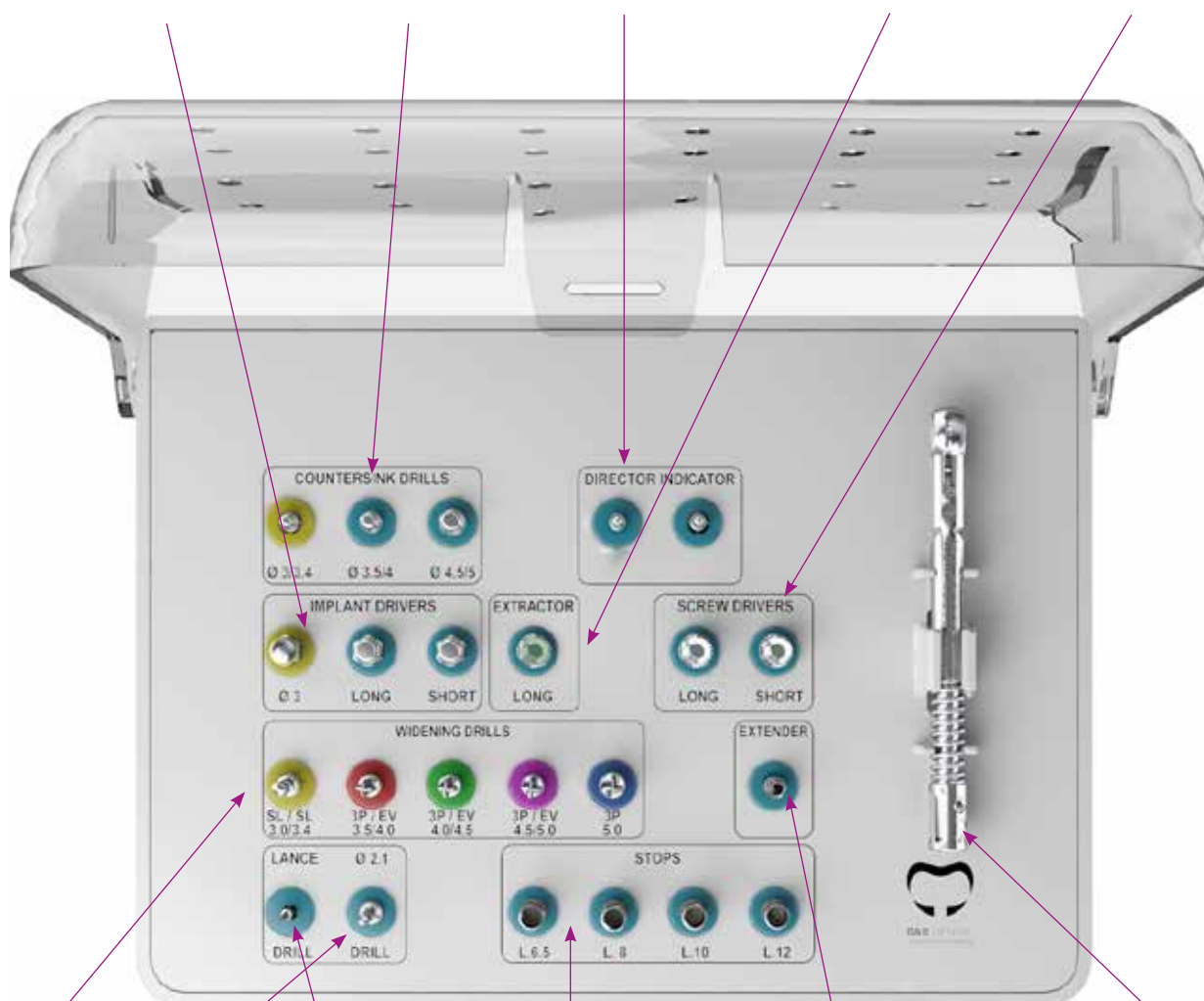
TITANIUM
PARALLEL PIN



LONG EXTRACTOR KEY



PROSTHETIC
SCREWDRIVERS



CONICAL DRILL



DRILL
Ø 2.1



LANCE
DRILL



STOPPER



EXTENDER



TORQUE RATCHET
50 N/CM



Lance drill	Ref. 147-021	Countersink drill Ø 3/3.4	Ref. NECK-334
Depth drill Ø 2.1	Ref. 00074CUT	Countersink drill Ø 3.5/4	Ref. NECK-354
Metal stopper L. 6 mm	Ref. STOP06	Countersink drill Ø 4.5/5	Ref. NECK-455
Metal stopper L. 8 mm	Ref. STOP01	Implant driver SLIM (Long)	Ref. 00578/L
Metal stopper L. 10 mm	Ref. STOP02	Implant driver (Long)	Ref. INN-00590/2
Metal stopper L. 12 mm	Ref. STOP03	Implant driver (Short)	Ref. INN-00590/1
Support for stopper (4 pcs)	Ref. SUP-STOP3P	Long extractor key	Ref. INN-6161L
Conical drill Ø 3	Ref. 00075CUT	Prosthetic screwdriver (Long)	Ref. INN-61000L
Conical drill Ø 3.5	Ref. 3P-35CUT	Prosthetic screwdriver (Short)	Ref. INN-61000
Conical drill Ø 4	Ref. 3P-40CUT	Director indicator (2 pcs)	Ref. 00441T
Conical drill Ø 4.5	Ref. 3P-45CUT	Torque ratchet	Ref. 00376DIN
Conical drill Ø 5	Ref. 3P-50CUT		
Extender	Ref. 00236N		

DURA-VIT CRESTAL SINUS LIFT KIT

REF. 3P-00093SC



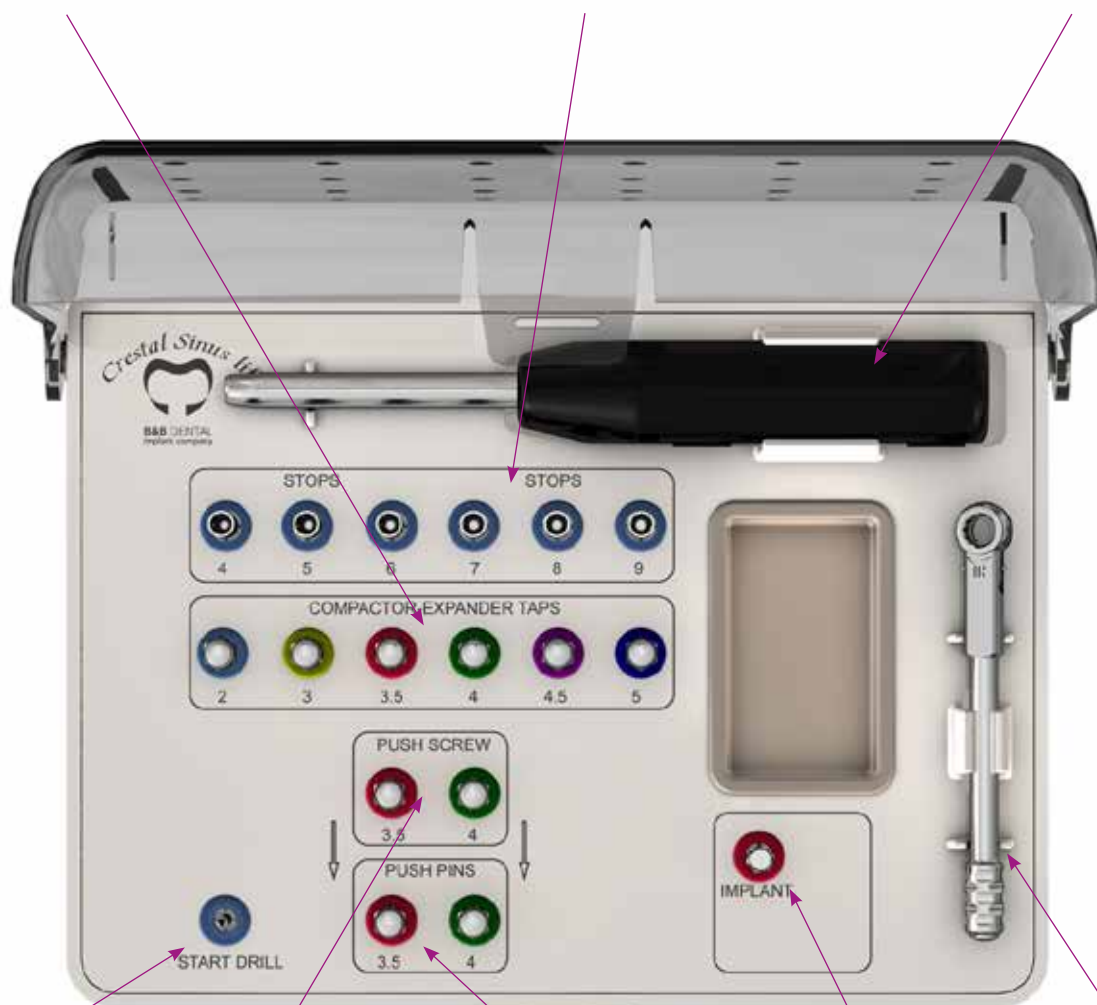
COMPACTOR



STOPPER



STRAIGHT MANUAL KEY



LANCE DRILL



PUSH SCREW



PUSH PIN



TORQUE RATCHET MOUNTER



UNIVERSAL RATCHET



Lance Drill	Ref. 147-021	Metallic stopper L. 8 mm	Ref. Stop01
Compactor-expander Ø 2.2	Ref. 201-3P	Metallic stopper L. 9 mm	Ref. Stop07
Compactor-expander Ø 3	Ref. 281-3P	Support for stop (6 pcs)	Ref. SUP-STOP3P
Compactor-expander Ø 3.5	Ref. 331-3P	Push pin Ø 3.5	Ref. SL-PP35
Compactor-expander Ø 4	Ref. 381-3P	Push pin Ø 4	Ref. SL-PP40
Compactor-expander Ø 4.5	Ref. 431-3P	Push screw Ø 3.5	Ref. SL-PS35
Compactor-expander Ø 5	Ref. 481-3P	Push screw Ø 4	Ref. SL-PS40
Metallic stopper L. 4 mm	Ref. Stop12	Implant driver (Long)	Ref. INN-00590/2
Metallic stopper L. 5 mm	Ref. Stop05	Straight manual key	Ref. 3P-00090CM
Metallic stopper L. 6 mm	Ref. Stop06	Universal ratchet	Ref. 00376
Metallic stopper L. 7 mm	Ref. Stop11		

WIDE SURGICAL KIT

REF. WIDE-00092SC



IMPLANT DRIVER FOR 3P,
EV AND WIDE IMPLANTS



UNIVERSAL
RATCHET



PROSTHETIC
SCREWDRIVERS



WIDE CONICAL
DRILL

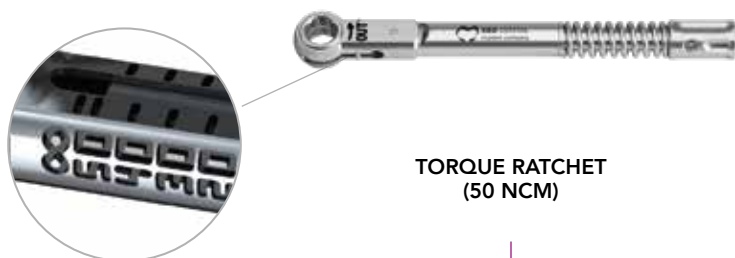


STOPPER

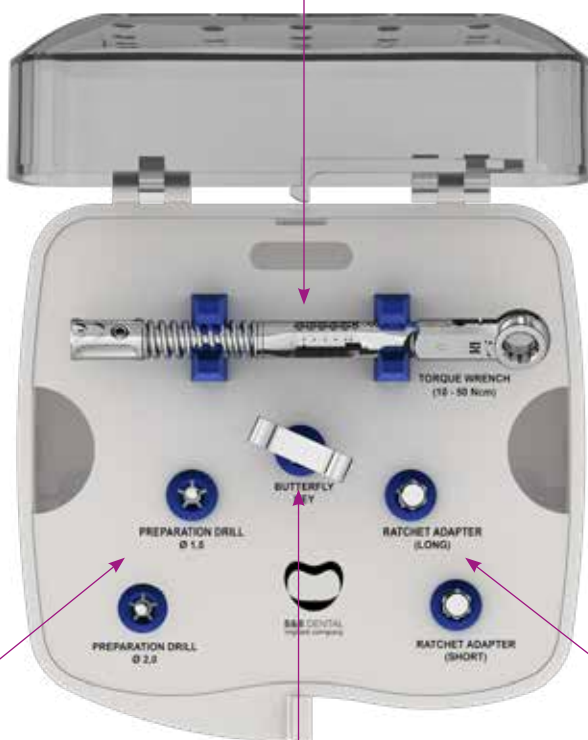
WIDE drill Ø 5,5	Ref. WIDE-55CUT	WIDE metal stopper L. 12 mm	Ref. W-STOP12
WIDE drill Ø 6	Ref. WIDE-60CUT	Support for stopper (4 pcs)	Ref. SUP-STOPWIDE
WIDE drill Ø 6,5	Ref. WIDE-65CUT	Implant driver (Short)	Ref. INN-00590/1
WIDE drill Ø 7	Ref. WIDE-70CUT	Implant driver (Long)	Ref. INN-00590/2
WIDE metal stopper L. 6 mm	Ref. W-STOP06	Prosthetic screwdriver (Long)	Ref. INN-61000L
WIDE metal stopper L. 8 mm	Ref. W-STOP08	Prosthetic screwdriver (Short)	Ref. INN-61000
WIDE metal stopper L. 10 mm	Ref. W-STOP10	Universal ratchet	Ref. 00376

DURA-VIT MINI IMPLANT KIT

REF. 00075SC



TORQUE RATCHET
(50 NCM)



PREPARATION DRILL





BUTTERFLY KEY



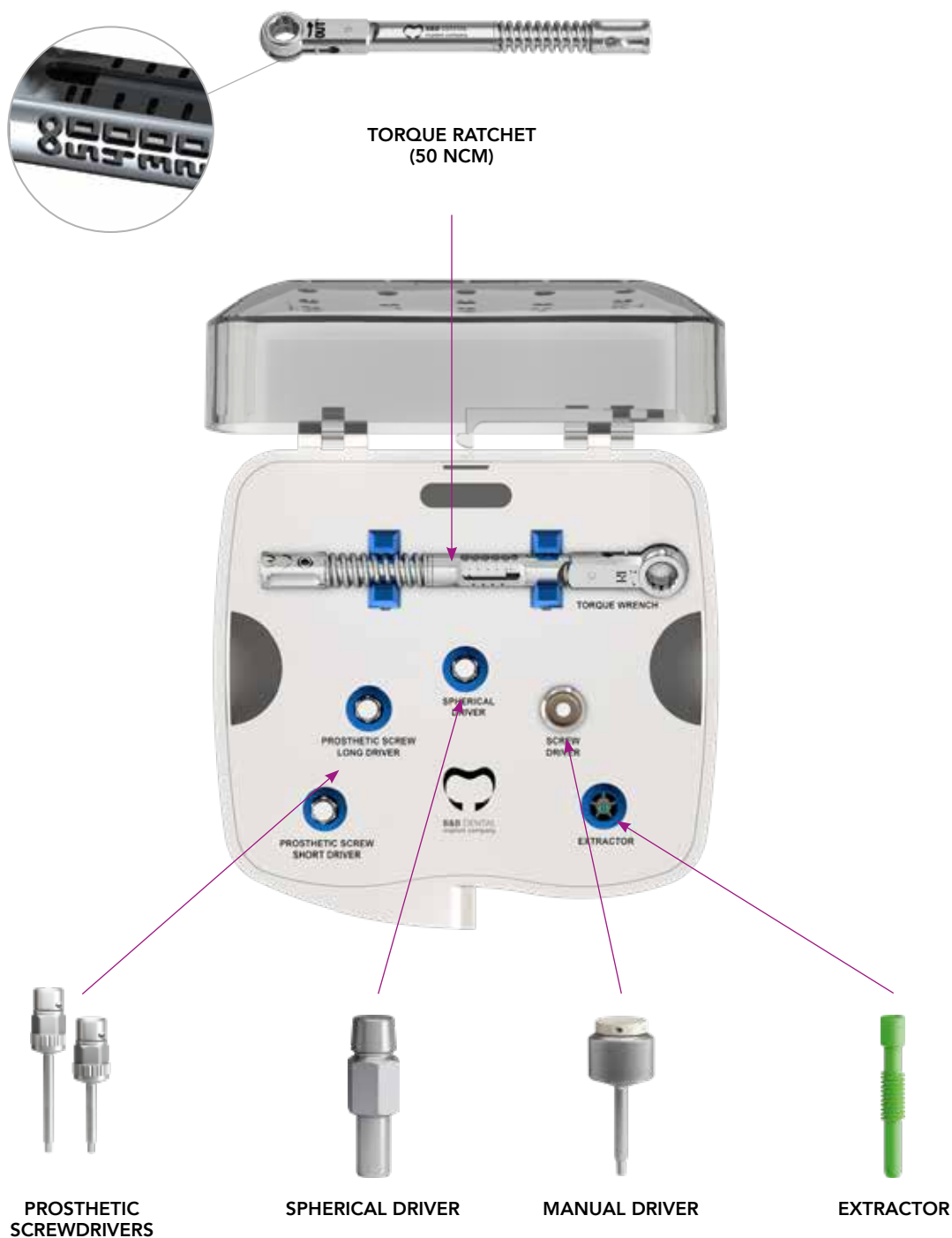
KEY FOR TORQUE RATCHET

Preparation drill Ø 1.5	Ref. MD-3001
Preparation drill Ø 2	Ref. MD-3001/20
Butterfly key	Ref. MD-3002
Key for torque ratchet (Long)	Ref. MD-3003L
Key for torque ratchet (Short)	Ref. MD-3003S
Torque ratchet (50 ncm)	Ref. 00376DIN

NOT INCLUDED IN THE KIT	
Preparation drill Ø 1.1	Ref. MD-3001/11
	
Preparation drill Ø 1.3	Ref. MD-3001/13
	

PROSTHETIC KIT

REF. KITPROTESICO



Torque ratchet (50 ncm)

Ref. 00376DIN

Manual driver

Ref. INN-00604

Spherical driver

Ref. INN-00637

Prosthetic screwdriver SHORT

Ref. INN-61000

Extractor

Ref. INN-6060

Prosthetic screwdriver LONG

Ref. INN-61000L

SURGICAL KIT COMPONENTS



SURGICAL TOOLS

Parallel pin, placed in the implant site, helps to facilitate the direction of the subsequent drilling.

Tissue punch allows to punch the mucosa according to the selected implant diameter. It requires the use of a contra-angle set at a low speed.

Template helps the surgeon in selecting the correct implant that has to be inserted. The whole range of DURA-VIT 3P implants is illustrated in two scales. The first one shows real dimensions and the second instead takes into account panoramic distortions, therefore dimensions are increased by 25%.

PARALLEL PIN



00441T



00090BM
ø 3 mm



00091BM
ø 4 mm



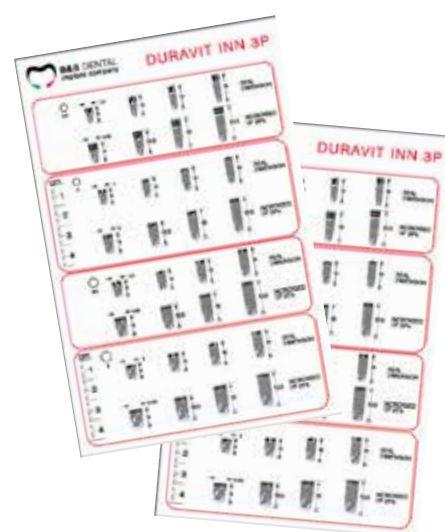
00092BM
ø 4,5 mm



00093BM
ø 5 mm

TISSUE PUNCH

TEMPLATE 3P-09



INITIAL DRILL

Extender drill

Increase the operating length of the drills during the surgery.

Lance drill

Mark out and create the insertion point, penetrating cortex in order to evaluate bone quantity and quality.

Rounded drill

It is used to smooth out the ridges.



EXTENDER
00236N



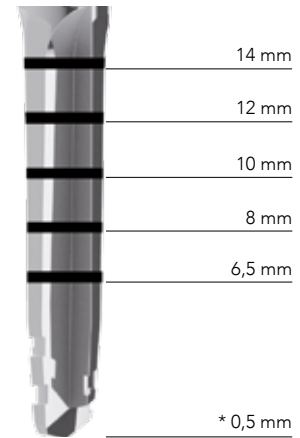
LANCE DRILL
147-021



ROUNDED DRILL
000100

CONICAL DRILL

- The surgical drills are available in sequential diameters.
- They are made of surgical stainless steel and have to be used with external irrigation.
- All drills are colored and they have a laser marking of the implant diameter for an easy identification during the surgery.
- As shown below, the grooves on drills help to prepare the length of the implant site.
- 5 laser lines, which give an indication of the implant site depth.



***IMPORTANT:**
0.5 mm must be added to the length of the drill taking into account the angled cutting tip.



Color code	●	●	●	●	●	●
Real diameter	∅ 2.1	∅ 3	∅ 3.5	∅ 4	∅ 4.5	∅ 5
Ref	00074CUT	00075CUT	3P-35CUT	3P-40CUT	3P-45CUT	3P-50CUT

STANDARD STOPPER

The metal stoppers ensure a depth control simple and accurate.
- Laser marking for immediate identification of the length.

- Wide range of stoppers of various depths, from 6 to 15 mm.
- Quick and easy to assemble.

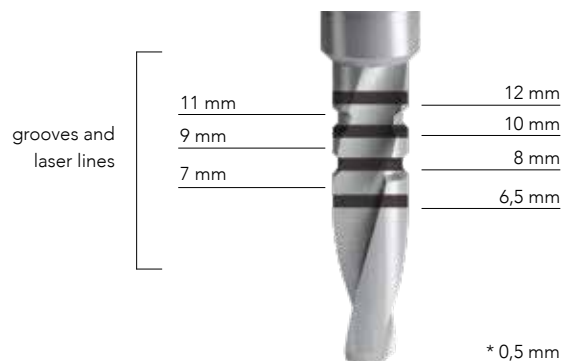
NOTE: Metal stopper can NOT be mounted on ∅ 5 conical drill and on ∅ 5 compactor – expander.



Length	04 mm	05 mm	06 mm	07 mm	08 mm	09 mm	10 mm	11 mm	12 mm	13 mm	14 mm	15 mm
Ref	STOP12	STOP05	STOP06*	STOP11	STOP01	STOP07*	STOP02	STOP08*	STOP03	STOP09*	STOP04	STOP10*

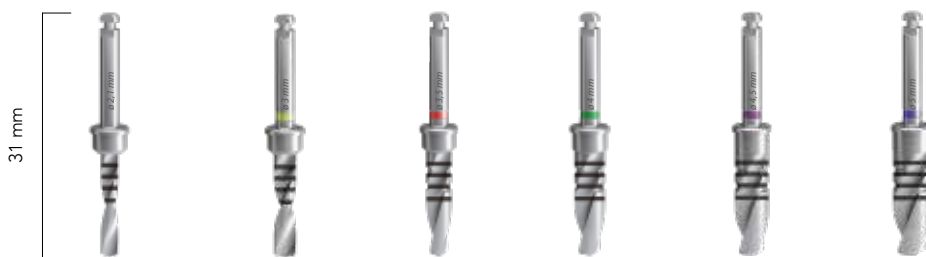
SHORT CONICAL DRILL

- The surgical drills are available in sequential diameters.
- They are made of surgical stainless steel and have to be used with external irrigation.
- All drills are colored and they have a laser marking of the implant diameter for an easy identification during the surgery.
- As shown below, the grooves on drills help to prepare the length of the implant site.
- Four laser lines indicating a 6,5 - 8 - 10 -12 mm depth.



*IMPORTANT:

0.5 mm must be added to the length of the drill taking into account the angled cutting tip.



Color code	● ø 2.1	● ø 3	● ø 3.5	● ø 4	● ø 4.5	● ø 5
Real diameter	ø 2.1	ø 2.6	ø 3,1	ø 3,6	ø 4,1	ø 4,6
Ref	74SHORT	75SHORT	76SHORT	77SHORT	78SHORT	79SHORT

SHORT STOPPER

- The metal stoppers ensure a depth control simple and accurate.
- Quick and easy to assemble.
- Laser marking for immediate identification of the length.

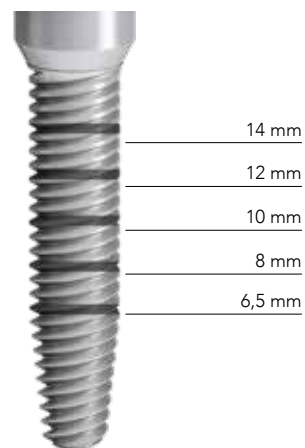
NOTE: Metal stopper can NOT be mounted on ø 5 conical drill and on ø 5 compactor – expander.



Length	06 mm	08 mm	10 mm	12 mm
Ref	STOP-06S	STOP-08S	STOP-10S	STOP-12S

COMPACTOR-EXPANDER

- Compactors-expanders are available in sequential diameters.
- They are made of surgical stainless steel.
- All compactors-expanders are colored and have a laser marking of the implant diameter for an easy identification during the surgery.
- As shown below, the laser lines on compactors-expanders help to prepare the length of the implant site.



NOTE: Standard stopper can be applied (check them on page 55).



Color code	● \varnothing 2.1	● \varnothing 3	● \varnothing 3.5	● \varnothing 4	● \varnothing 4.5	● \varnothing 5
Real diameter	\varnothing 2	\varnothing 2.5	\varnothing 3.2	\varnothing 3.7	\varnothing 4.2	\varnothing 4.7
Ref	201-3P	281-3P	331-3P	381-3P	431-3P	481-3P

COUNTERSINK DRILL

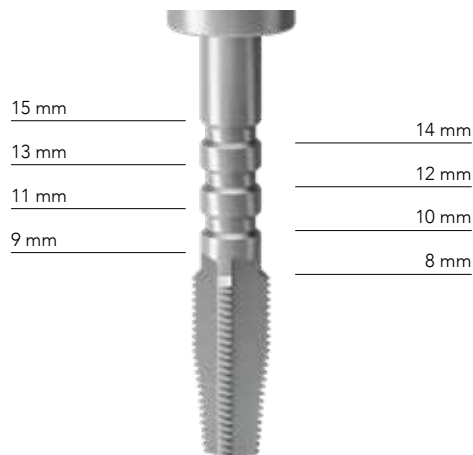
They are used in case of dense bone to ensure passive fit of the implant neck into the surgical site. These drills are indeed designed to enlarge the crestal area of the implant site.



Color code	● \varnothing 3	● \varnothing 3.5	● \varnothing 4	● \varnothing 4.5	● \varnothing 5
Real diameter	\varnothing 2.9	\varnothing 3.5	\varnothing 3.9	\varnothing 4.4	\varnothing 4.9
Ref	NECK-30	NECK-35	NECK-40	NECK-45	NECK-50

BONE TAP

The bone taps are used to prepare the implant thread profile into the implant site, reducing the bone pressure. The tapping of the site should be performed with ratchet as the last step prior to implant placement.



Color code	● ø 3	● ø 3,5	● ø 4	● ø 4,5	● ø 5
Real diameter	ø 3	ø 3,5	ø 4	ø 4,5	ø 5
Ref	TAP-30	TAP-35	TAP-40	TAP-45	TAP-50

REAMER

In case of exceeding bone, grown over the implant, the reamer permits its removal for a better insertion of the surgical and prosthetic components.



REAMER
GD-BM



Implant covered by the bone



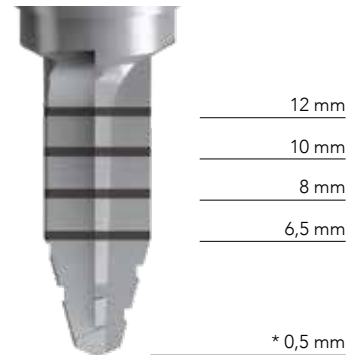
Bone removal by reamer



Bone removed for a better abutment insertion

WIDE CONICAL DRILL

- The surgical drills are available in sequential diameters.
- They are made of surgical stainless steel and has to be used with external irrigation.
- All drills are colored and they have a laser marking of the implant diameter for an easy identification during the surgery.
- 4 laser lines help the surgeon while he is preparing the implant site.



***IMPORTANT:**
0.5 mm must be added to the length of the drill taking into account the angled cutting tip.



Color code	● ø5.5	● ø 6	● ø 6.5	● ø 7
Real diameter	ø 5	ø 5,5	ø 6	ø 6,5
Ref	WIDE-55CUT	WIDE-60CUT	WIDE-65CUT	WIDE-70CUT

WIDE STOPPER

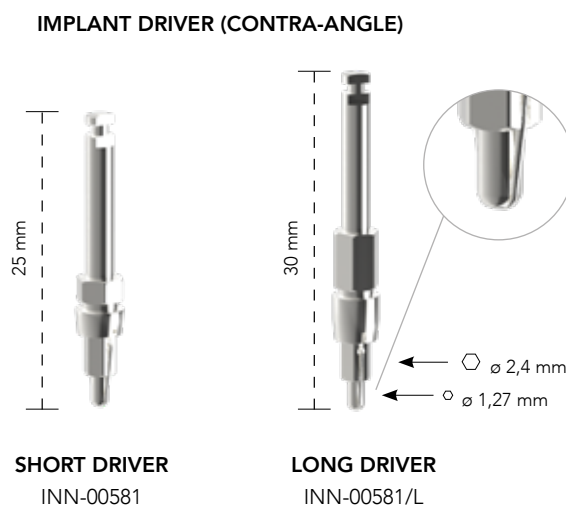
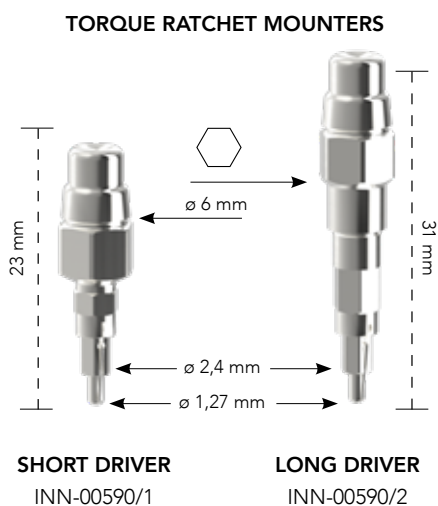
- The metal stoppers ensure a depth control simple and accurate.
- Quick and easy to assemble.
- Laser marking for immediate identification of the length.



Length	06 mm	08 mm	10 mm	12 mm
Ref	W-STOP06	W-STOP08	W-STOP10	W-STOP12

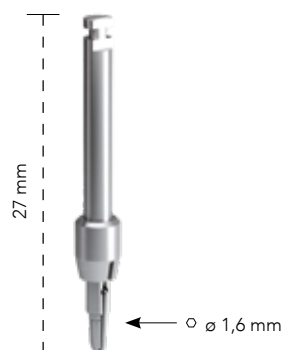
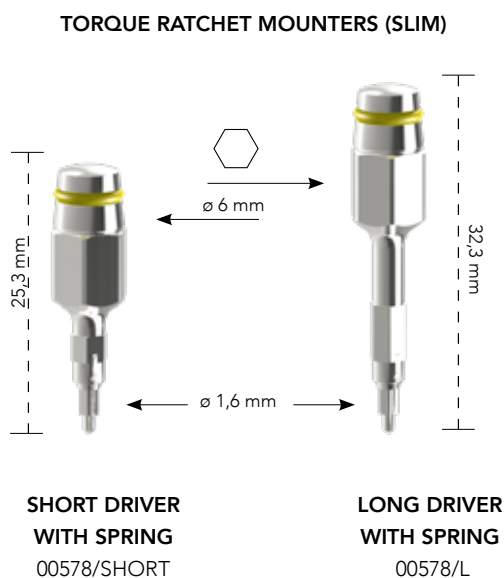
IMPLANT DRIVER FOR 3P, EV AND WIDE IMPLANTS

- Implant drivers in stainless steel used for the final placement of the 3P, EV and WIDE implants.
- The external hexagon of the key is in phase with the internal hex, this allows to have immediately the correct position of angled abutments during the insertion and the final placement.



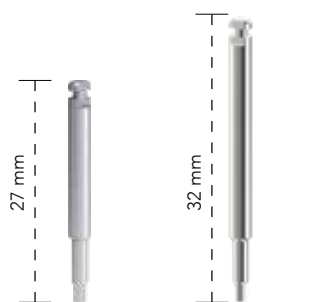
IMPLANT DRIVER FOR SLIM IMPLANTS

- Implant drivers in stainless steel used for the final placement of SLIM implants.
- The external hexagon of the key is in phase with the internal hex, this allows to have immediately the correct position of angled abutments during the insertion and the final placement.



PROSTHETIC HEX DRIVER

- Hex driver 1.27mm (stainless steel).
- For all types of cover screws, healing abutments and prosthetic screws.



HANDPIECE DRIVER
SHORT INN-00602
LONG INN-00602L



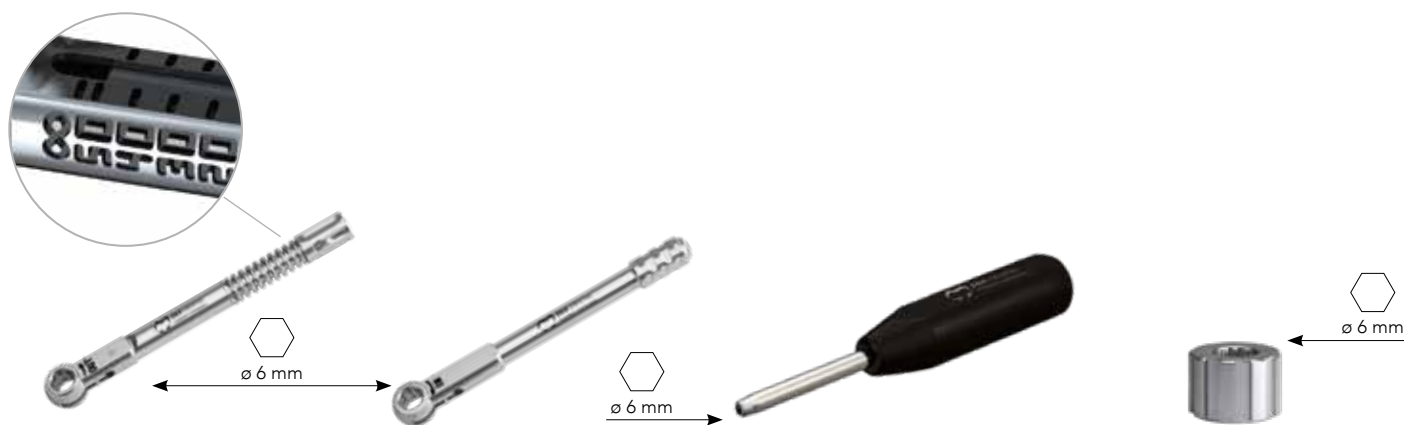
MANUAL DRIVERS
SHORT INN-00604
LONG INN-00604L



PROSTHETIC SCREWDRIVER
SHORT INN-61000S

RATCHET & MANUAL KEY

- Finger driver allows to transform the torque ratchet driver in manual driver. It can be used both on implant drivers and on prosthetic screwdrivers.
- The torque ratchet is ideal for the implant insertion and for the fixing of the prosthetic screws. It allows the clinician to accurately apply the recommended preload torque for surgery and prosthetics.



TORQUE RATCHET 50 N/cm
00376DIN

UNIVERSAL RATCHET
00376

STRAIGHT MANUAL KEY
3P-00090CM

FINGER DRIVER
BB/001

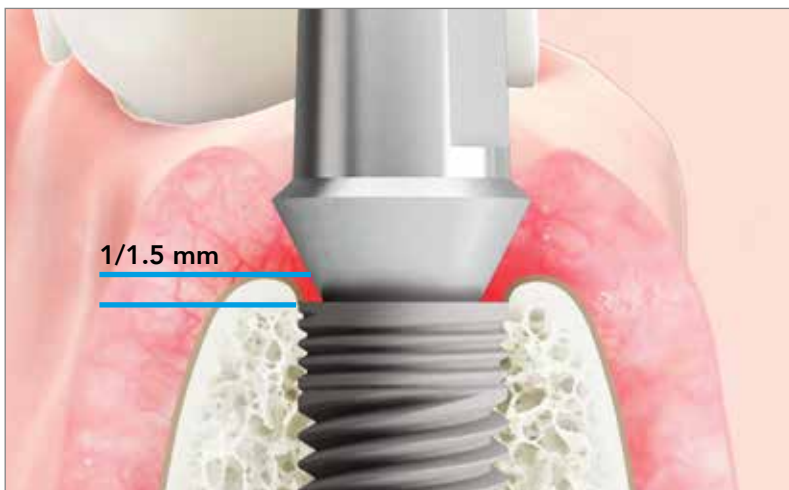
BONE LEVEL POSITIONING



The high stability of the implant-abutment structure provided by the cold-welded connection guarantees a high biological stability to both hard and soft tissues, allowing them to grow in a healthy condition. The healing process gives the best possible results whenever the implants are positioned 1 or 1.5 mm below the crestal level and never above it. B&B Dental implants have been designed and treated to allow the bone surrounding the platform to proliferate and osseointegrate along the implant collar as well providing long-term stability. The implant surface is completely acid-etched externally providing a valid support on which the bone can proliferate. This kind of positioning combined with the design of the abutments present the concept of platform switching, described in literature as effective and important for a successful long-term implant rehabilitation in relation to stability and in terms of aesthetic results.

The subcrestal positioning allows the soft tissues to form a collar that prevents the uncovering of the perimetral bone during the trial phases of prosthetic components, impression taking, etc., creating, in fact, a barrier that prevents the uncovering of a surgical site and provides for the protection of tissues from external invasions as well as providing a better stability of soft and hard tissues for aesthetic purposes.

The stops have lengths equal to those of the implants or increased by one millimeter to facilitate insertion and allow the user to easily prepare the osteotomy. However, if needed, you can proceed without the use of a stop by paying attention to the laser etchings on the drills.

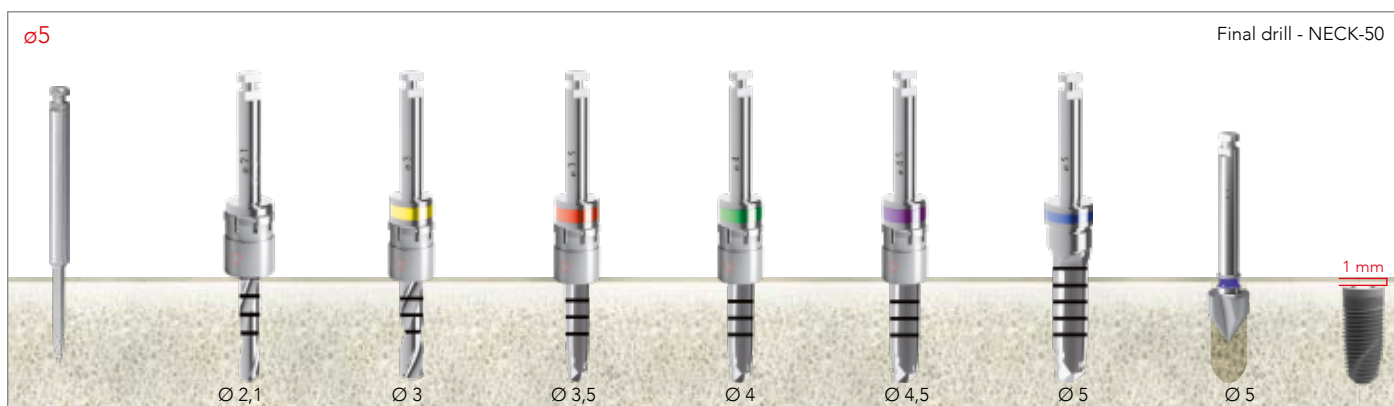


PROTOCOLS

3P DRILLING TECHNIQUE

SUITABLE FOR HARD BONE (D1-D2)

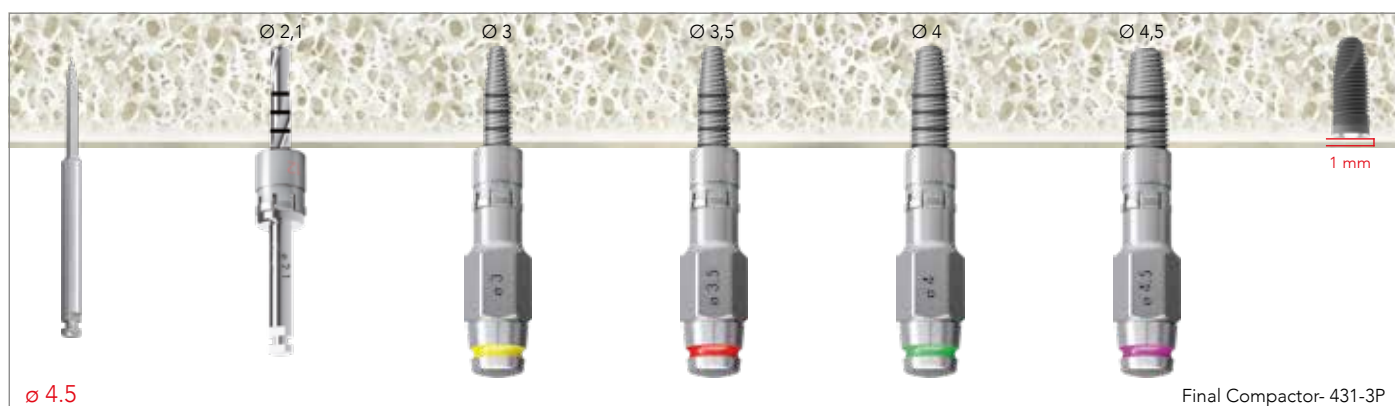
Implant sites are prepared in step-by-step procedure using drills of different diameters to ensure an efficient and atraumatic widening of the implant site. All drillings of the bone tissue should be carried out under profuse external irrigation with saline solution or better with sterile bidistilled water. Moreover it has to be applied an intermitting drilling technique to prevent the bone heating and to create a pumping effect for efficiente removal of bone tissue.



SUITABLE FOR SPONGY BONE (D3-D4)

DURA-VIT bone compactor-expanders are an alternative to osteotomes for the expansion and condensing of the atrophic mandible and maxilla in preparation of dental implant insertions. Compactor-expanders are also an alternative to the maxillary sinus lift technique by Summers. Bone compactor-expanders improve the clinical success by improving stability and the maintenance of bone density.

DURA-VIT bone compactor-expanders are driven into the bone manually with a surgical driver or with torque ratchet. This decreases the surgical trauma of osteotomes.



EV DRILLING TECHNIQUE

SUITABLE FOR HARD BONE (D1-D2)

Implant sites are prepared in step-by-step procedure using drills of different diameters to ensure an efficient and atraumatic widening of the implant site. It requires an intermittent drilling technique to prevent the bone heating. In case of resistance during the positioning rotate back (counterclockwise) for 2-3 turns and proceed with the insertion.



SUITABLE FOR SPONGY BONE (D3-D4)

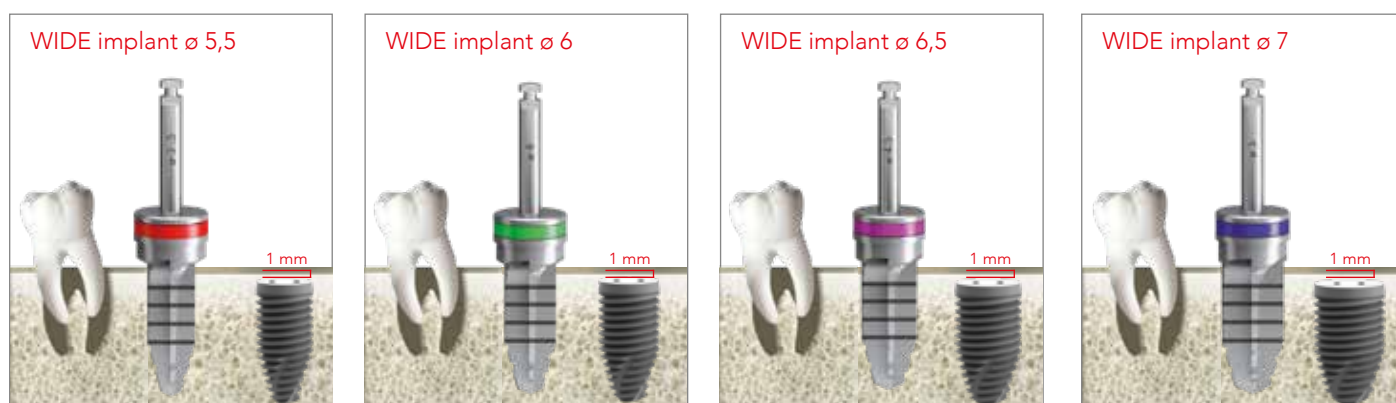
In conditions of spongy bone the procedure that has to be followed, it is the one that requires the use of the compactor-expanders of the DURA-VIT system for expanding and condensing the maxillary arches during the preparation of dental implant sites. They permit to improve the clinical success by improving the primary stability and the maintenance of the bone density. Moreover also the specific characteristics of the implant facilitate its placement.



WIDE DRILLING TECHNIQUE

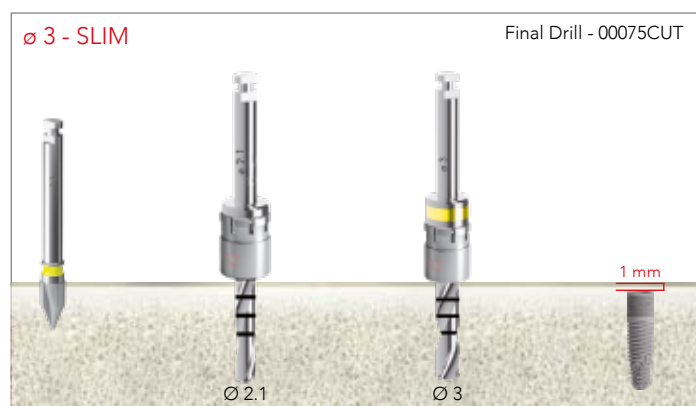
IDEAL IN CASE OF MOLAR AND PREMOLAR EXTRACTION SITE

The WIDE implants system has been designed to fit perfectly in the natural shape of a molar site. These implants are made with a special body with a wider diameter and a cylindrical-conical shape which allows an easy penetration with an adequate alveolar adaptation. The final result is an immediate and ideal positioning of the implant in the extraction site, minimizing the bone loss, reducing the treatment times.

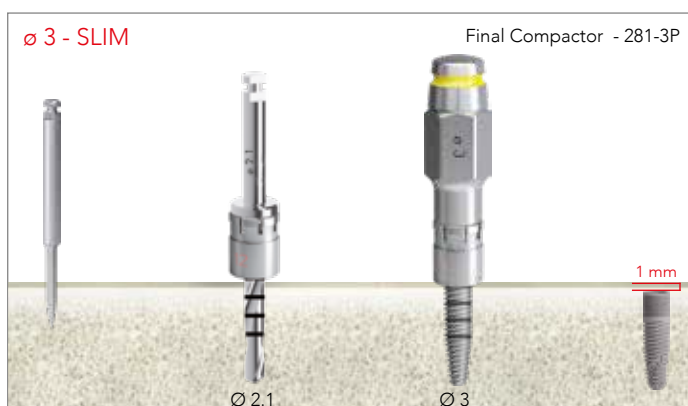


SLIM DRILLING TECHNIQUE

SUITABLE FOR HARD BONE (D1-D2)



SUITABLE FOR USE IN BONE TENDER (D3-D4)

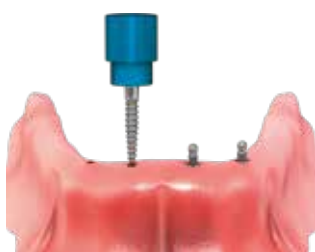


MINI IMPLANT DRILLING TECHNIQUE

O-BALL DURA-VIT MINI IMPLANTS



Mark each entry point on patient's tissue with 1.5 pilot drill. It has to be pumped up and down until the cortical plate is penetrated.



Carry the implant to the site with the plastic moulder and screw it inside until noticeable bony resistance is encountered.



Use the butterfly key to thread the implant into place until the wrench becomes difficult to turn.



Torque ratchet and implant driver will then finalize the insertion process.



Relieve denture to accommodate the metal housings for the placed implants.



Seat denture in patient's mouth and patiently apply normal bite pressure in centric occlusion.

SQUARE HEAD DURA-VIT MINI IMPLANTS



Mark each entry point on patient's tissue with 1.5 pilot drill. It has to be pumped up and down until the cortical plate is penetrated.



Carry the implant to the site with the plastic moulder and screw it until encountering a noticeable bony resistance.



Use the butterfly key to thread for implant placement. Torque ratchet to be used in case of placement difficulty.



Torque ratchet and implant driver will then finalize the insertion process.



Prepare a temporary or definitive tooth to be cemented on the mini implant.



Rehabilitated case.

TRANSCRESTAL SINUS LIFT TECHNIQUE



COMPONENTS OF SURGICAL KIT

PUSH SCREW

- Prepare the bone cavity for implant insertion.

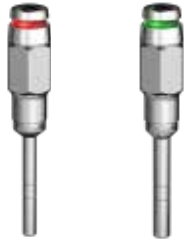


SL-PS35
ø 3,5

SL-PS40
ø 4

PUSH PIN

- Push the regeneration material within the bone cavity.



SL-PP35
ø 3,5

SL-PP40
ø 4

NOVOCOR INJECTOR

- Inject the regeneration material inside the bone cavity.



Only on request
Ref. 0490-1

SAFETY IMPLANT MEMBRANE

- Prevent the migration of the implant in the maxillary sinus. The implant is locked with the membrane using the locking screw.



00532/10
Complete
with locking screw



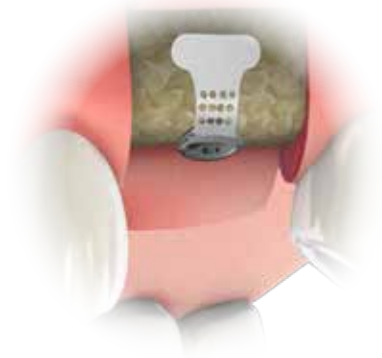
00532/1
Complete
with locking screw



00532/2
Complete
with locking screw



LOCKING SCREW
00532SCREW



PHYSIODISPENSER 3000

PHYSIODISPENSER 3000 is the result of 10 years' experience in the design and development of electro-medical apparatus for dental implantology. It offers high performance combined with extreme simplicity and it is provided with a new-concept pedal that represents an absolute novelty.

CHARACTERISTICS

- Motor speed from 3 to 125000RPM.
- 6 Reduction/Multiplication of the contra-angle (1:5, 1:1, 16:1, 20:1, 64:1, 70:1).
- 5 memories.
- 24 torque values. MAX value indicates the maximum torque without limitation.
- 3 different choices of cooling liquid flows: 60, 80, 110 ml/min.

THE CONTRANGLE HAS TO BE ORDERED SEPARATELY



COMPLETE WITH:

- Central unit.
- Peristaltic pump.
- Multifunction pedal, pump flow, forward/reverse, program and motor action.
- 2 irrigation tubes.



1. Selects the program.
2. Forward/reverse.
3. Turns on the motor with progressive action.
4. Sets the peristaltic pump flow.

ACCESSORIES



CARRYING CASE
53 x 37 x 13 cm, weighs 750 g.
PD106



IRRIGATION TUBE
DE102793216



CONTRA-ANGLE 20.1
C20

SMARTPEG OSSTELL

B&B DENTAL IS NOW AVAILABLE IN THE OSSTELL IMPLANT STABILITY MEASUREMENT DEVICES CATALOG.

The OSSTELL patented method is a fast system, not invasive and user friendly for evaluating the stability and the osseointegration process in an objective and precise way, without compromising the healing process. The stability of the implant is therefore one of the most important factors for a successful implant treatment. B&B DENTAL provides SmartPegs to be used together with Osstell IDx and Osstell ISQ measurement instruments.

These instruments measure the single-use SmartPeg (to be inserted on the implant) resonance frequency.

Ref.	PZ	Implant Model	SmartPeg type
100404	5	Slim	22
100425	5	3P - EV - WIDE	26



**MEASUREMENT INSTRUMENTS,
FOR SALE THROUGH OSSTELL (WWW.OSSTELL.COM)**



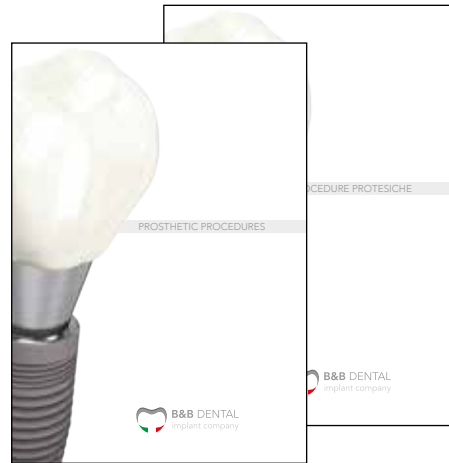
Osstell IDx

OUR CATALOGUES



 **PRODUCT CATALOGUE**
 **CATALOGO PRODOTTI**

CODE: CA04106



 **PROSTHETIC PROCEDURES**
 **PROCEDURE PROTESICHE**


CODE: CA04112



 **DURA-VIT CRESTAL SINUS LIFT**
 **DURA-VIT CRESTAL SINUS LIFT**

CODE: CA04119



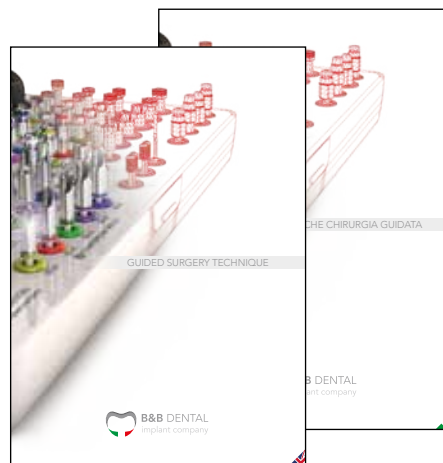
 **SURGICAL PROTOCOL**
 **PROTOCOLLI CHIRURGICI**

CODE: CA04113



 **MILLING CENTER**
 **CATALOGO FRESAGGIO**

CODE: CA04118



 **GUIDED SURGERY TECHNIQUE**
 **TECNICHE CHIRURGIA GUIDATA**

CODE: CA04115



 **GUIDED SURGERY
CLINICAL CASES**

CODE: CA04120



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UNI EN ISO 13485