

**P R O
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C A T
A L O
G U E**



B&B DENTAL
IMPLANT COMPANY



01.

B&B DENTAL

COMPANY INTRODUCTION.....	4
SUPPORT & DEVELOPMENT.....	6
PRODUCTION.....	8
B&B DENTAL IMPLANT LINES.....	9
PACKAGING.....	10
TIGHTENING INSTRUCTIONS.....	12
KEYS & DRIVERS TIGHTENING.....	13

02.

CONEXA IMPLANTS

CONEXA IMPLANTS.....	14
CONEXA CONNECTION.....	16
DURA-VIT EV LINE.....	18
DURA-VIT 3P LINE.....	20
DURA-VIT WIDE LINE.....	22
HEALING COMPONENTS.....	24
COMPONENTS FOR IMPRESSIONS.....	25
TEMPORARY PROSTHETIC COMPONENTS	
TRY-INN ABUTMENTS.....	26
TEMPORARY ABUTMENTS IN PEEK.....	27
TEMPORARY ABUTMENTS IN TITANIUM.....	28
DEFINITIVE PROSTHETIC COMPONENTS	
UCLA ABUTMENTS.....	29
STRAIGHT TITANIUM ABUTMENTS.....	30
ANGLED TITANIUM ABUTMENTS.....	31
DIGITAL COMPONENTS.....	32
MULTI USE ABUTMENTS.....	34
DIGITAL COMPONENTS FOR MUA.....	37
FLAT ANCHORING SYSTEM.....	38
DIGITAL COMPONENTS FOR FLAT.....	39
SPHERICAL ANCHORING SYSTEM.....	40

INDEX

03.

REDUCED DIAMETER IMPLANTS

REDUCED DIAMETER IMPLANTS.....	42
DURA-VIT SLIM LINE.....	44
IMPRESSION AND HEALING COMPONENTS.....	46
PROSTHETIC COMPONENTS	
TITANIUM ABUTMENTS.....	47
TEMPORARY AND CASTABLE ABUTMENTS	48
DIGITAL COMPONENTS.....	48
FLAT ANCHORING SYSTEM.....	50
DIGITAL COMPONENTS FOR FLAT	51
SPHERICAL ANCHORING SYSTEM.....	52

04.

SURGICAL INSTRUMENTS & KITS

SURGICAL INSTRUMENTS & KITS	54
COMPLETE SURGICAL KIT.....	56
SIMPLIFIED SURGICAL KIT.....	58
CRESTAL SINUS LIFT KIT	60
WIDE SURGICAL KIT	62
PROSTHETIC KIT	63
SURGICAL COMPONENTS.....	64
SURGICAL PROTOCOLS.....	72
PHYSIODISPENSER BRUSHLESS.....	77
SMARTPEG OSSTELL.....	78

05.

DIGITAL WORKFLOW

DIGITAL WORKFLOW.....	79
SYNERGY.....	80
GUIDED SURGERY.....	81
MILLING CENTER.....	82





COMPANY INTRODUCTION



B. & B. Dental S.r.l. is an Italian leading company in the industry of oral implantology. It is specialised in designing dental implants and materials for bone regeneration. Thanks to its experience, it can develop top-quality innovating implant and prosthesis technologies and materials.

Innovation is at the core of B. & B. Dental's approach. B. & B. Dental's range is designed by dental surgeons for dental surgeons, with the cooperation of engineers expert in implantology. This is why the development and improvements of products and technology at B. & B. Dental are continuously going on. The aim being to satisfy the needs of its customers and ensure a healthy smile and mouth to their patients.

SUPPORT & DEVELOPMENT



RESEARCH & DEVELOPMENT

The multi-year experience in the industry not only ensures assessment and innovation of design and functionality of our products and materials, but also allows us to offer practitioners a wider range of products which are all studied in-depth and tested in house, but we do even more. Indeed, B. & B. Dental also relies on the cooperation of university and higher education institutions and entities, to further check the reliability of its offering by means of the latest cutting-edge technologies and techniques.

QUALITY AND CONTROL

All products offered by B. & B. Dental stand out for their high quality. Sophisticated control systems constantly monitor all production stages and automatically intervene in case of deviations compared to set parameters. Production control is based on SPC protocols (Statistic Process Control), whereby quantity and frequency are set (depending on product type) as well as the acceptability criteria.

Production quality complies with EN ISO 13485 standard and Directive 93/42/EEC concerning medical devices.



PRODUCTION

Our staff includes engineers, qualified mechanics and qualified technicians.

To manufacture the parts, B. & B. Dental uses latest generation CNC bar lathes, high-precision machinery, featuring tool dynamic correction and allowing compliance with tolerance ranges of ± 0.001 mm (1 micron).



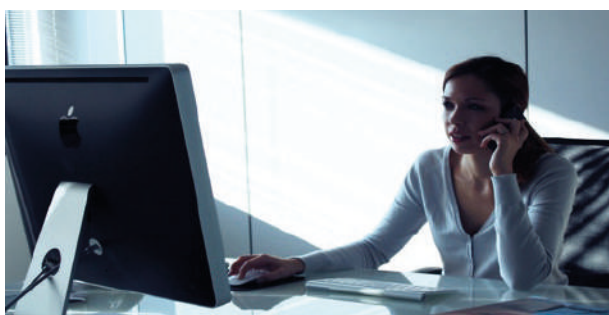


WAREHOUSE

The storage of most of the semi-finished and finished products is entrusted to automatic vertical warehouses which, in addition to rationalize space, allow operators to accurately prepare orders, through a completely computerised process.

TRAINING AND UPDATING

B&B Dental has always emphasised the importance of training for dentists by providing courses both at its own premises and around the world. It improves and enhances the experience with educational courses, webinars, workshops, live surgeries and courses on patient organised specifically to give users safety and knowledge of the products and their use.



CUSTOMER SERVICE

A widespread sales network with highly qualified staff attentive to the needs of customers provides suitable support to answer any questions and to give detailed information helping the customer in choosing the right product, understanding its application and use. Before and after sales assistance is ensured by qualified staff, skilled for technical and sales issues.

CERTIFICATIONS

B&B Dental has always been interested in obtaining new certificates that could prove its top-class production standards. B&B Dental currently has more than 30 international certificates and every year undergoes scheduled audits to maintain them.



PRODUCTION

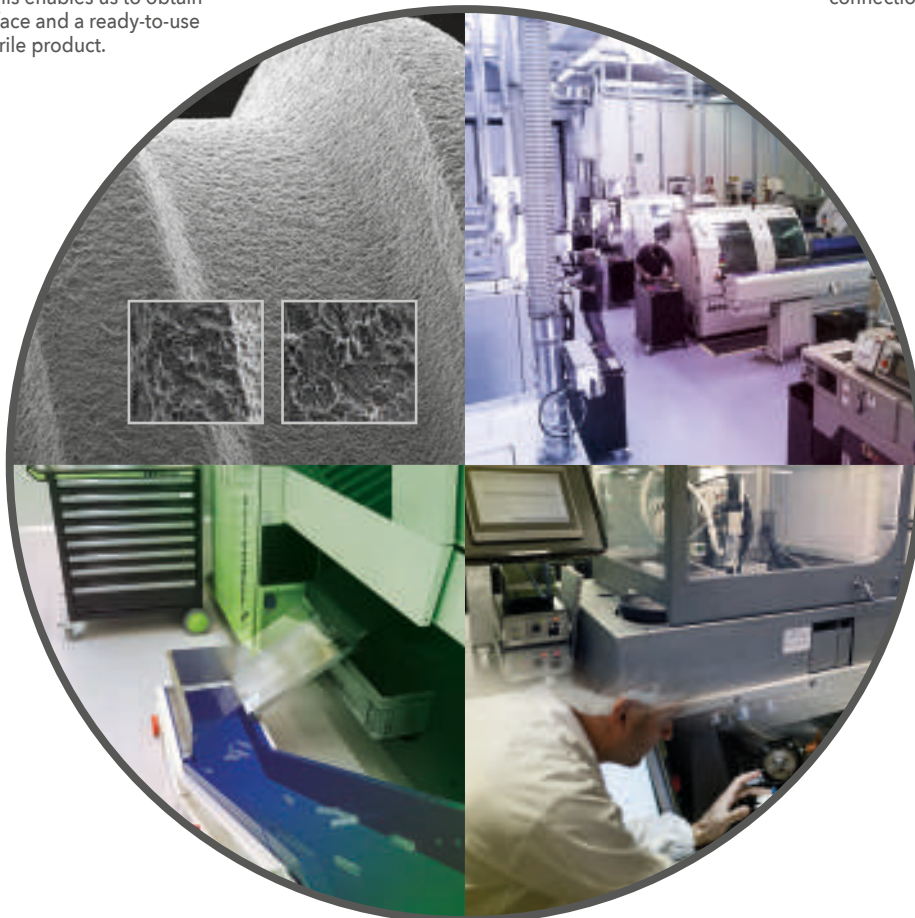
B.& B. Dental pays attention to all implants' production phases to make sure the final product is of the highest quality, allowing you to safely work to achieve the best clinical, aesthetic and long-lasting goals. The phases of this all-Italian production are carefully managed by B&B Dental staff at its manufacturing plants.

DOUBLE ETCHING SURFACE TREATMENT AND STERILISATION

These are two very delicate phases -which B&B Dental entrusts to sector experts -that are subject to periodic inspections. This enables us to obtain a uniform surface and a ready-to-use sterile product.

CNC MACHINE PRODUCTION

Computer numerical control machines managed by B&B Dental's staff to ensure the highest degree of connection accuracy.



CLEANROOM PACKAGING PRODUCTION

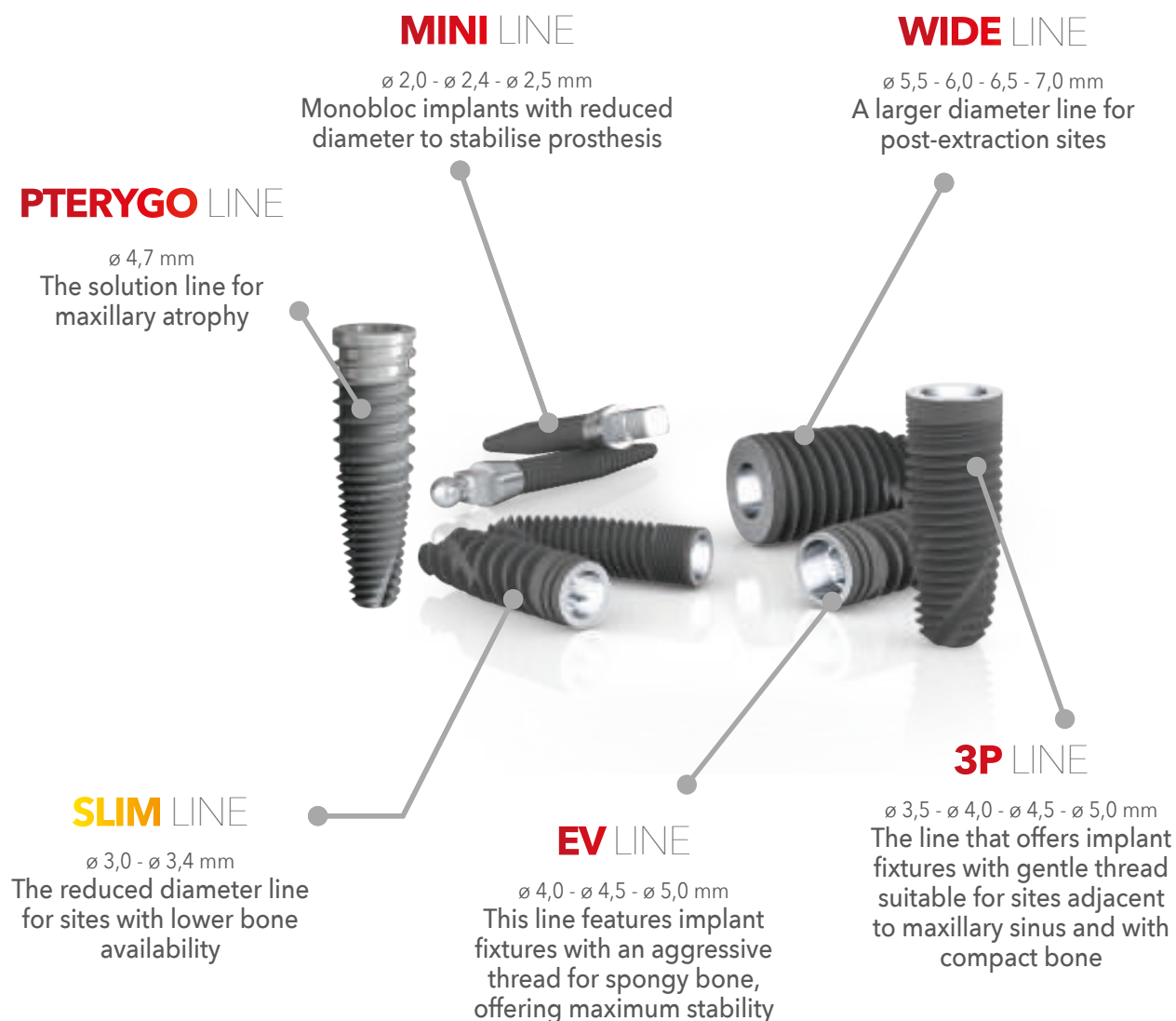
One of the very few companies in the field producing packaging systems, in its own cleanroom. An extra guarantee of sterility and cleanliness.

QUALITY CONTROL

A dedicated, trained and equipped team that performs both manual and automated controls and rejects any not up-to-standard components.

B&B DENTAL IMPLANT LINES

Discover all the implant lines of the Dura-vit range and their great potential to help you improve your daily clinical practice and results. 6 lines specifically designed for any need, two connections to simplify the management of components and work in absolute safety.



PACKAGING

The new packaging is safer and more practical thanks to its anti-tampering opening. Implant holder vial keeps the implant in position, ready to be picked up using ratchet or contra-angle drivers. In each implant packaging a healing screw and a cover cap are included.



SEALED PACKAGING

When packaging is sealed, the symbol is a closed lock of a neutral colour.



OPEN PACKAGING


After opening, the tab becomes red, with an open lock




STERILIZATION INDICATOR
 Sterile

 Non sterile
IMPLANT CERTIFICATE

A guarantee of the quality of the implant and parts used; it also specifies traceability details and useful information for their careful management.

 Titanium cover screw

 PEEK transmucosal screw
INSTRUCTIONS FOR USE

Necessary to explain proper use and required precautions to be adopted with the medical device.







STERILE PACKAGING

Inside each packaging you will have an implant together with a healing screw and a cover screw.










ADDITIONAL LABELS

Useful to be applied on patient's file and documents to ensure the traceability of every implant.

COLOUR CODING OF INTERNAL TUBE IMPLANTS AND TOOLS

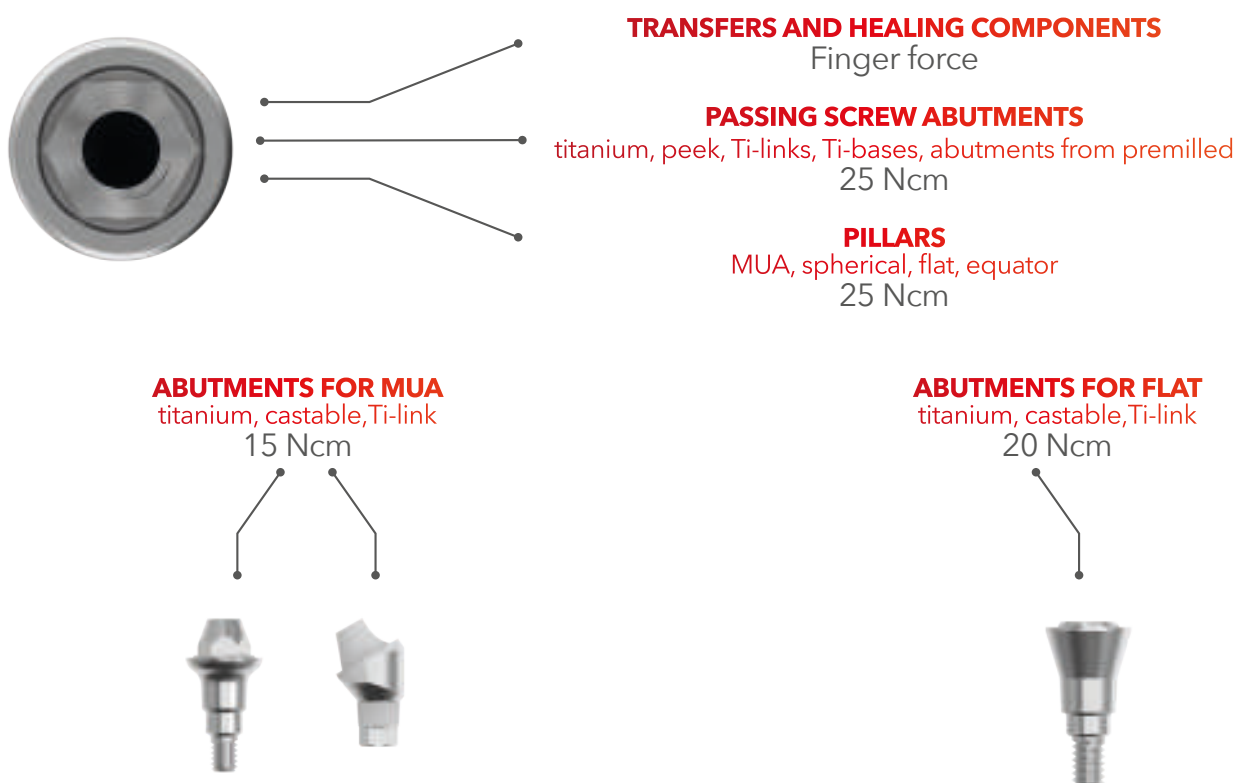
Colour code	 Ø 2,1	 Ø 3,0	 Ø 3,5	 Ø 4,0	 Ø 4,5	 Ø 5,0
Actual Ø	Ø 2,1	Ø 2,6	Ø 3,1	Ø 3,6	Ø 4,1	Ø 4,6
3P LINE	-	Ø 3,0	Ø 3,5	Ø 4,0	Ø 4,5	Ø 5,0
EV LINE	-	Ø 3,4	Ø 4,0	Ø 4,5	Ø 5,0	

DESCRIPTION OF SYMBOLS

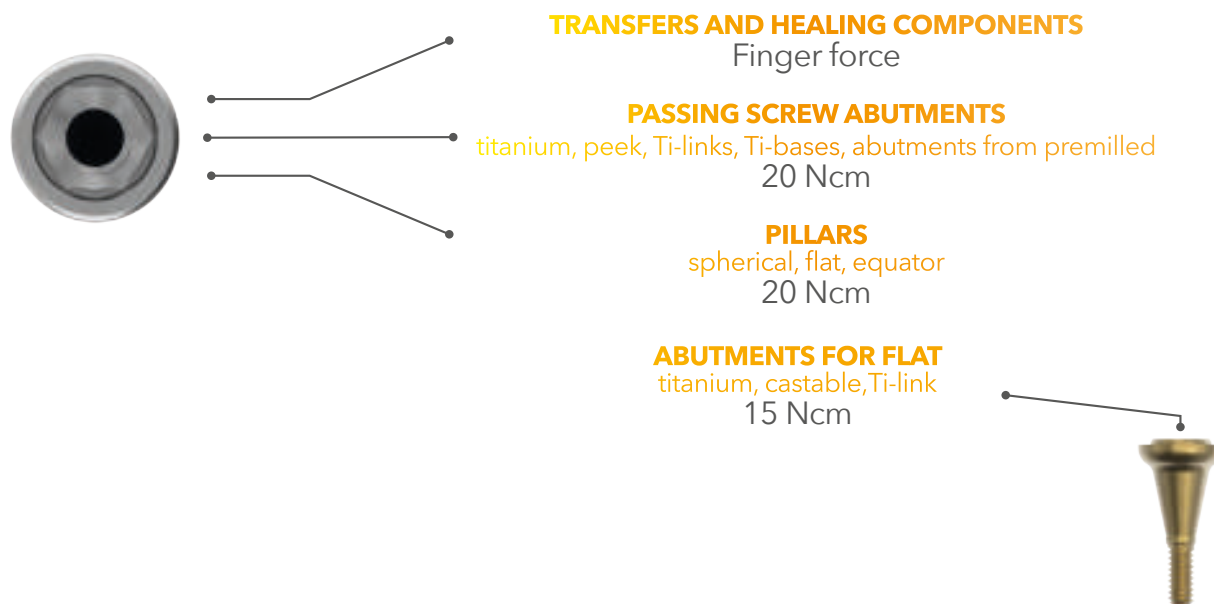
	Expiry date		Product code		Batch number
	Gamma-ray sterilisation		Read the instruction sheet		The device must only be used by medical personnel
	Disposable		Date of production		Manufacturer

TIGHTENING INSTRUCTIONS

3P, EV, WIDE PTERYGO LINES - CONEXA DURA-VIT CONNECTION



SLIM LINE - SLIM DURA-VIT CONNECTION



KEYS & DRIVERS TIGHTENING

PROSTHETIC SCREWDRIVERS



MAXIMUM 25 Ncm

CONTRA-ANGLE DRIVERS FOR IMPLANTS -

3P, EV, WIDE, PTERYGO LINES CONEXA DURA-VIT CONNECTION



MAXIMUM 35 Ncm

RATCHET DRIVERS FOR IMPLANTS -

3P, EV, WIDE, PTERYGO LINES CONEXA DURA-VIT CONNECTION



MAXIMUM 70 Ncm

CONTRA-ANGLE DRIVERS FOR IMPLANTS -

SLIM LINE SLIM DURA-VIT CONNECTION



MAXIMUM 35 Ncm

RATCHET DRIVERS FOR IMPLANTS -

SLIM LINE SLIM DURA-VIT CONNECTION



MAXIMUM 45 Ncm

CONEXA IMPLANTS

Our 3P, EV, Wide and Pterygo lines are equipped with a single connection called CONEXA. This special connection not only guarantees anti-rotation and high resistance to torsional loads, given by the internal hexagon, but also has the peculiar stability of Morse taper connections, which ensure a very high stability both of the prosthetic components and consequently of all the surrounding tissues, thus improving their health over time.

Since the connection is unique for all these lines in their various diameters, the choice of transfers and prosthetic abutments is also simplified, improving the post-surgical processing phases and giving the operator maximum flexibility in choosing the best prosthetic solution. The high stability of the implant-abutment structure, given by the cold welding of the tapered connection of B&B Dental implants guarantees both hard and soft tissues a stability that allows them to grow in good condition.

The surgical instrumentation used to place these implants is colour-coded, which allows an easy and intuitive way to choose the drills, improving all preparation stages.





02.

**CONEXA
IMPLANTS**

CONEXA CONNECTION

PROSTHETIC SCREW

It sets abutment and implant with full conometry.
There is no failure risk because it is not loaded.

PLATFORM SWITCHING

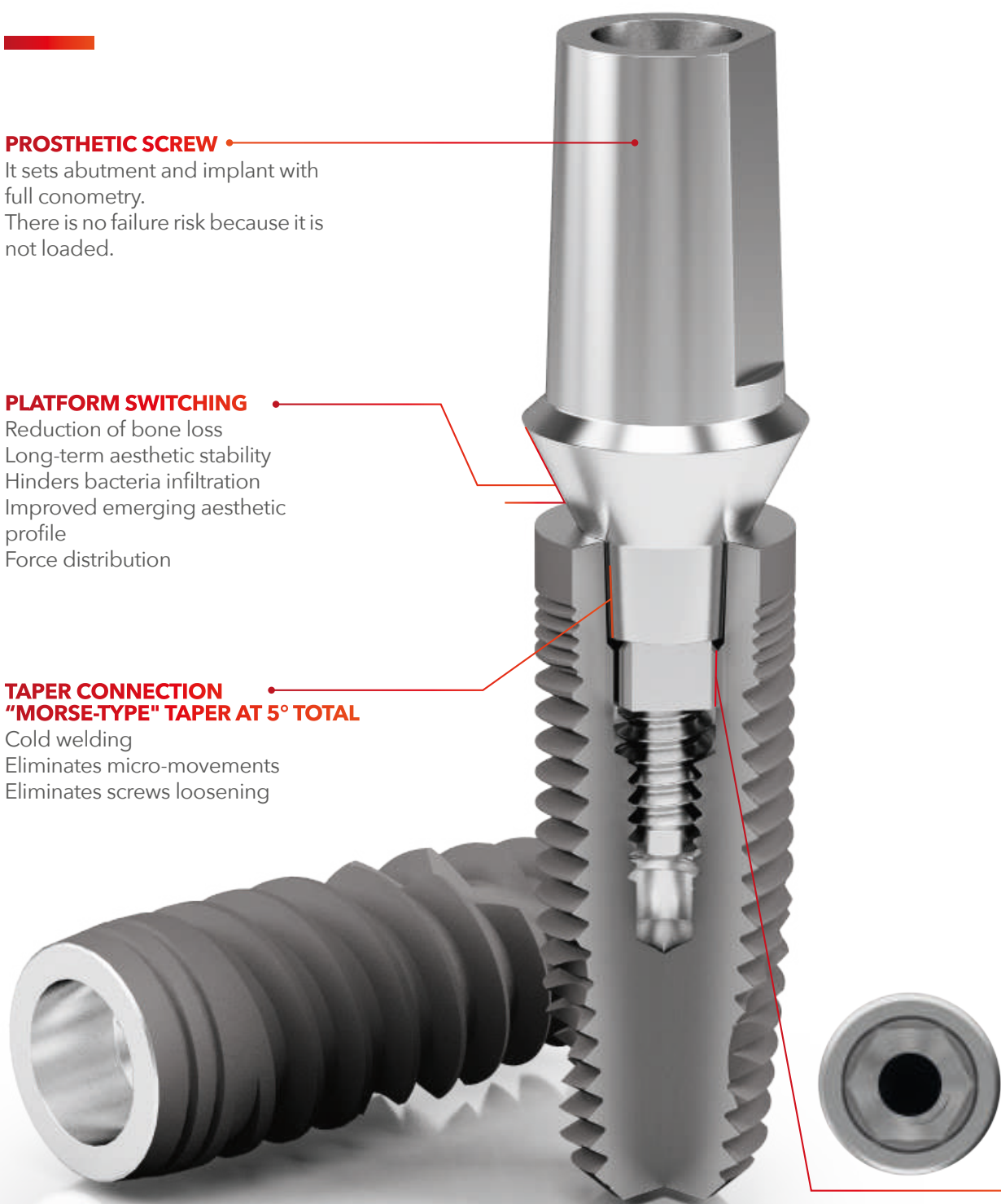
Reduction of bone loss
Long-term aesthetic stability
Hinders bacteria infiltration
Improved emerging aesthetic profile
Force distribution

TAPER CONNECTION "MORSE-TYPE" TAPER AT 5° TOTAL

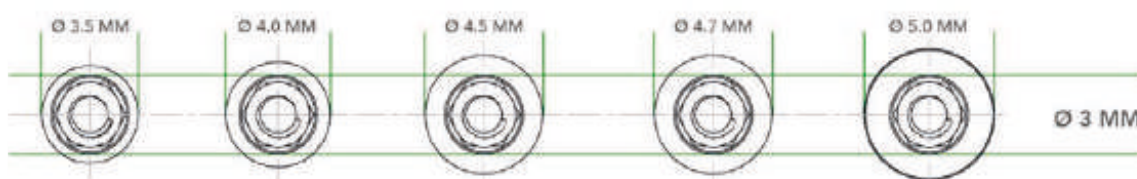
Cold welding
Eliminates micro-movements
Eliminates screws loosening

INTERNAL HEXAGON

It ensures anti-rotation feature for absolute abutment positioning precision.



SINGLE CONEXA CONNECTION



The components from the line DURA-VIT CONEXA are compatible with all diameters of the implant lines 3P, EV, WIDE and PTERYGO. Thanks to the special and single connection having an inside diameter of 3 mm, any chosen abutment can be placed in the implant, regardless of implant diameter.

UNLOCKING SYSTEM

When two taper surfaces are connected, a cold welding effect called "Morse" is created and the two parts (implant and abutment) engage together. This effect can be reversed by inserting an extractor screw or key.



SHORT EXTRACTOR KEY
INN-6161



SHORT EXTRACTOR KEY
INN-6161L

DURA-VIT CONEXA IMPLANTS

MORSE TAPER & INTERNAL HEXAGON

- Accurate positioning of prosthetic components
- Increased mating surface between implant and abutment
- High stability

COLLAR WITH REVERSE TAPER AND ANNULAR MICRO SPLINING

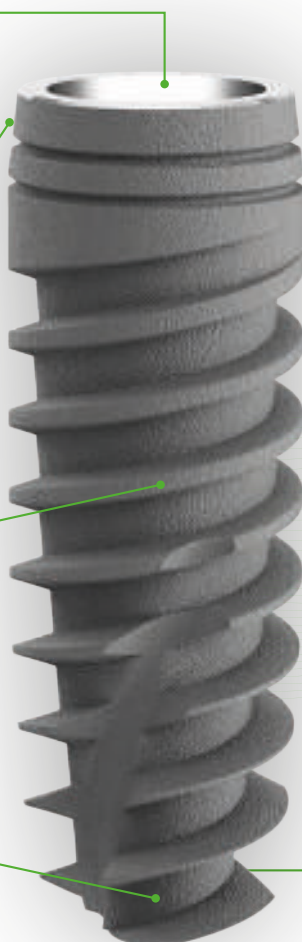
- Excellent support of soft tissues
- Maximum volume of alveolar bone
- Minor crestal bone resorption

SELF-TAPPING DOUBLE-THREAD SPIRAL

- Sharp double thread for spiral tap increased depth
- Ensure easy insertion and osteocondensation
- Very high primary stability

PENETRATING TIP

- Allows the implant to penetrate the pre-prepared site
- Ideal anchoring


















EV
LINE

PROPERTIES

- Ideal in spongy bone (D3-D4).
- Allows condensation.
- Ideal in post-extraction sites.
- Under-sized implant site preparation.
- Grade 4 Titanium.

EV • LINE

	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	

DURA-VIT CONEXA IMPLANTS

MORSE TAPER & INTERNAL HEXAGON

- Accurate positioning of prosthetic components
- Increased mating surface between implant and abutment
- High stability

COLLAR MICRO-THREADING

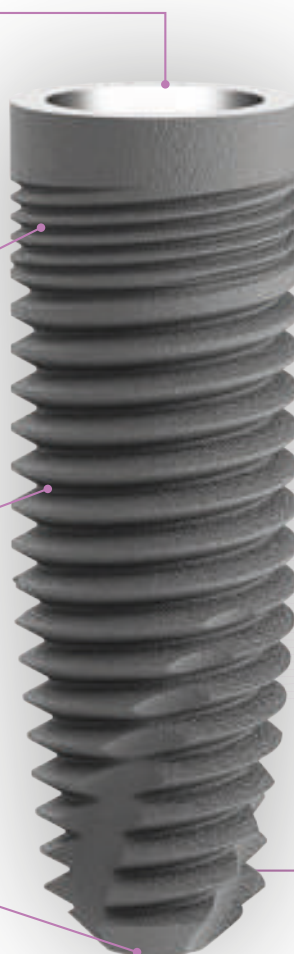
- Increases primary stability
- Makes implant placement easier
- Reduces vertical prosthesis load
- Helps soft tissue healing

TRIPLE-THREAD SPIRAL

- 60° bevelled profile threading
- Increases mating surface with bone to ensure less invasive procedures
- Improves osseointegration

"BONE-FRIENDLY" TIP

- The rounded shape helps lifting the maxillary sinus membrane
- Reduces the risk of perforation



3P





















LINE

PROPERTIES

- Excellent in all bone types (especially D1-D2).
- Ensure high primary stability.
- Ideal in sites next to sinus or nerve.
- Suitable for all surgical procedures.
- Grade 4 Titanium.

3P • LINE

	L. 6.5	L. 8	L. 10	L. 12	L. 14
ø 3.5		 3P-3508	 3P-3510	 3P-3512	 3P-3514
ø 4	 3P-4006*	 3P-4008	 3P-4010	 3P-4012	 3P-4014
ø 4,5		 3P-4508	 3P-4510	 3P-4512	 3P-4514
ø 5	 3P-5006*	 3P-5008	 3P-5010	 3P-5012	 3P-5014

DURA-VIT CONEXA IMPLANTS

MORSE TAPER & INTERNAL HEXAGON

- Accurate positioning of prosthetic components
- Increased mating surface between implant and abutment
- High stability

COLLAR WITH REVERSE TAPER AND ANNULAR MICRO SPLINING

- Excellent support of soft tissues
- Maximum volume of alveolar bone
- Minor crestal bone resorption

TRIPLE-THREAD SPIRAL

- 60° bevelled profile threading
- Increases mating surface with bone to ensure less invasive procedures
- Improves osseointegration

"BONE-FRIENDLY" TIP

- The rounded shape helps lifting the maxillary sinus membrane
- Reduces the risk of perforation



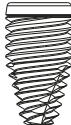









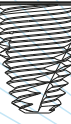

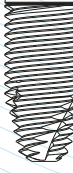







WIDE
•
LINE

PROPERTIES

- Allows placing an implant in a premolar and molar extraction site
- Maximises bone preservation and minimises instances of required bone grafting.
- Grade 4 Titanium.

WIDE • LINE

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

HEALING COMPONENTS

COVER SCREW (grade 5 Titanium)

It is used to completely cover the implant after placing it. Implant site reopening, after 3 to 6 months, requires the use of the healing screw. **One standard size screw (INN-6053)** is available inside implant packaging.



HEALING SCREW (grade 5 Titanium)

It is used for mucosal healing and conditioning in case of gum reopening, duly adapted by means of suture. These components are used to rehabilitate soft tissues above the implant so that the final prosthetic abutment can be placed. It can be used for surgery in one or two sessions.

The components are laser-marked for easy recognition of diameter and length.

DIAMETER 4



DIAMETER 5



DIAMETER 6



TIGHTENING: check tightening torques and procedures on page 12

COMPONENTS FOR IMPRESSIONS

PULL-OFF TRANSFERS

To be used with standard tray holder, with closed-tray technique, they are press-fitted.

For this type of transfer, it is important to use tear-resistant materials.



TRANSFER
3 pcs pack
INN-00306

FACILITY TRANSFERS

Use with a standard tray holder with closed-tray technique: by tightening the transfer coping in the implant and positioning the plastic cap in place it will be possible to obtain a clear positioning in the impression.



PLASTIC CAP
2 pcs pack
INN-00507



SHORT SET
Short metal transfer with plastic cap
INN-00506

This code includes a transfer screw INN-6050



LONG SET
Long metal transfer with plastic cap
INN-00506L

This code includes a transfer screw INN-6050

PICK-UP TRANSFERS

To be used with open tray holder, with closed spoon technique, by screwing the transfer inside the implant it will be possible to obtain a clear positioning in the impression.



ROTATING METAL TRANSFER
metal transfer
INN-00601

This code includes a transfer screw INN-00608



HEX CONNECTION SHORT METAL TRANSFER
metal transfer
INN-00600

This code includes a transfer screw INN-00608



HEX CONNECTION LONG METAL TRANSFER
metal transfer
INN-00600L

This code includes a transfer screw INN-00608L

ANALOGUES

Analogues reproduce the implant shape and connection inside the model. They must be carefully placed on the transfers inside the impression before proceeding with the model pouring.



ANALOG
INN-00585



STANDARD 3D ANALOG
3D-00585

This code includes screw 3D-02

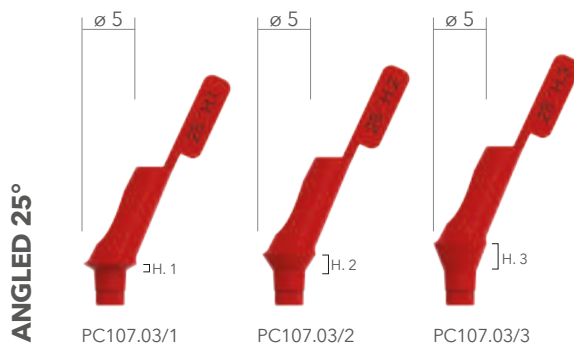
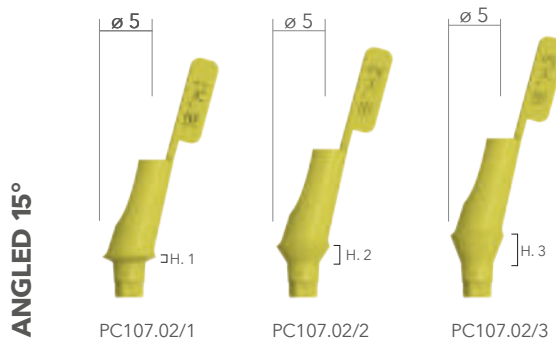
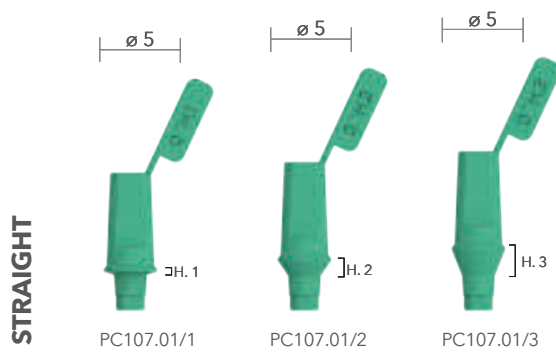
TEMPORARY PROSTHETIC COMPONENTS

TRY-INN ABUTMENTS KIT

Try-Inn abutments Kit helps dental technicians in selecting the most appropriate titanium abutment, depending on inclination and transmucosal height of the implant that was inserted.

CHARACTERISTICS

- Ease of use.
- Abutments are colour-coded and marked, easy to read and their choice can be planned.
- Easy to handle thanks to the plastic tab.
- Proper positioning of the TRY-Inn abutments is checked thanks to the accurate feedback by the prosthesis connection.
- Try-Inn Abutments are made of a polymeric material that can be sterilised.



TRY-INN KIT

000.07

The kit includes 3 pieces of every code

The codes for the corresponding $\varnothing 5$ abutments are specified at the back of the package to help the ordering procedure.

TEMPORARY ABUTMENTS IN PEEK

These temporary abutments were designed to be easily customised both on the spot by the practitioner and at the laboratory, by the technician and can be used for:

- Immediate installation.
- Management of soft tissues in aesthetic areas.
- Temporary retention of cemented or screw-retained crowns.

These abutments have a taper coupling.

CHARACTERISTICS

- Made from PEEK: extremely easy to adapt and modify
- Neutral colour for excellent aesthetic results
- Completely metal-free
- Conexa Connection.

IMPORTANT NOTE

Proper position of angled abutments can be checked by ensuring that the driver external hexagon is aligned with the internal hexagon.



TIGHTENING: check tightening torques and procedures on page 12

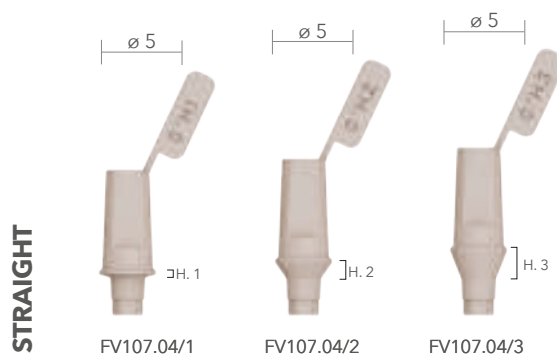


PEEK KIT

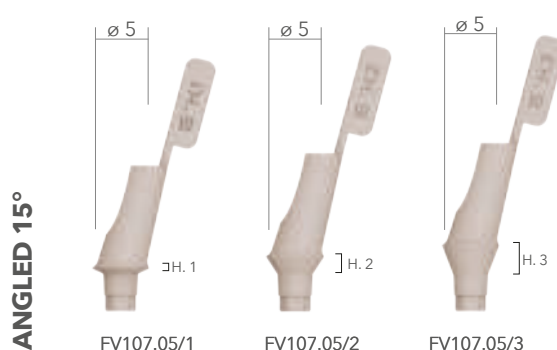
000.08

The kit includes 3 pieces of every code

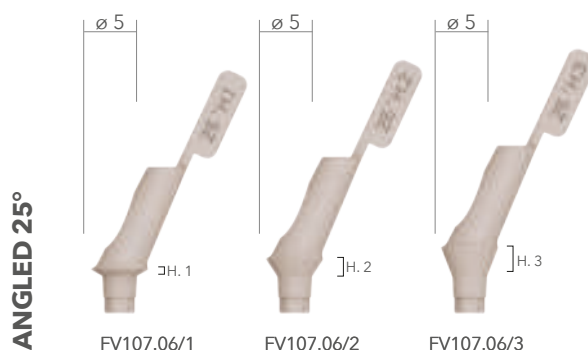
This code includes screw INN-6050



This code includes screw INN-6050



This code includes screw INN-6050



The codes for the corresponding $\varnothing 5$ abutments are specified at the back of the package to help the ordering procedure.

TEMPORARY ABUTMENTS IN TITANIUM

Abutments for cemented temporary prosthesis, easy to customise.

Non-ROTATING abutments can be used for:

- Single temporary crowns;
- Cemented temporary bridges.

ROTATING abutments are used in screw-retained temporary bridges.

- Small diameter for interdental spaces
- Made from titanium for an accurate coupling and high stability

These abutments have a taper coupling.

CHARACTERISTICS

- They can be easily customised both on the spot by the practitioner and at the laboratory by the technician.
- Conexa Connection

IMPORTANT NOTE

Do not use for a period over 180 days.
Place the temporary abutments at subocclusal level.
Do not shorten by more than 6 mm using standard tools and techniques.

ABUTMENTS WITHOUT SHOULDER

Abutments for cemented temporary prosthesis, easy to customise.

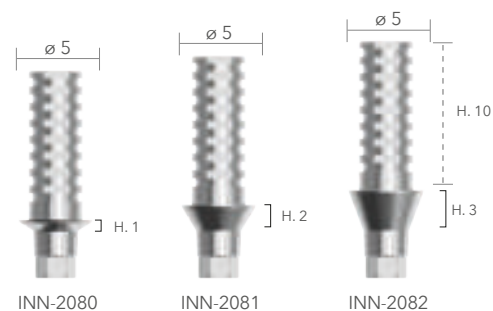
These abutments have a taper coupling.

CHARACTERISTICS

- They can be easily customised by the practitioner and by the technician.
- Abutment for intraoral welding is in Titanium grade 4
- Conexa Connection

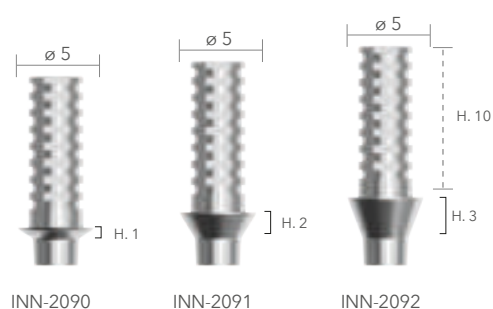
STRAIGHT, NON-ROTATING

This code includes screw INN-6050

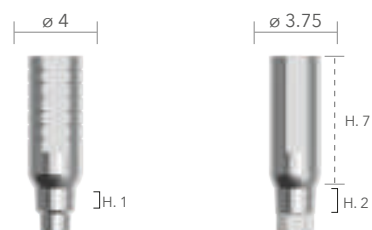


STRAIGHT, ROTATING

This code includes screw INN-6050



This code includes screw INN-6050



**ROTATING
ABUTMENT
INN-00738**

for intraoral welding

**NON-ROTATING
ABUTMENT
INN-00742**

DEFINITIVE PROSTHETIC COMPONENTS

UCLA ABUTMENTS

UCLA abutments can be used for:

- Over structures.
- Cemented prosthesis.
- Screw-retained prosthesis.
- Single crowns.

These abutments have a taper coupling.

CHARACTERISTICS

- Completely customisable.
- Conexa Connection.

STRAIGHT, NON-ROTATING

This code includes screw INN-6050



INN-6048CC
Cr-Co

STRAIGHT, ROTATING

This code includes screw INN-6050



INN-6048CC/R
Cr-Co

IMPORTANT NOTE

- NOT recommended because of the difficulty to obtain a perfect conometry between implant and abutment.
- Use the castable abutment only in case of extreme divergent conditions.
- Do not use for single crowns.



TIGHTENING: check tightening torques and procedures on page 12

STRAIGHT TITANIUM ABUTMENTS

They are titanium components mainly used for cemented prosthesis in the front areas.

These abutments have a taper coupling.

CHARACTERISTICS

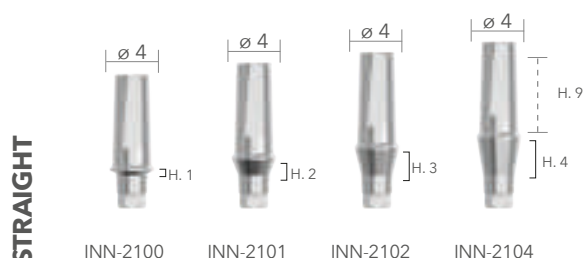
- Reduced need for touch-ups thanks to prepared mucosal margins.
- Different transmucosal heights to adapt to various profiles.
- Cylindrical shape similar to the emerging profile of a natural tooth.
- Conexa Connection.

IMPORTANT NOTE

- NOT suitable for direct coating with ceramic.
- DO NOT shorten more than 3 mm above the mucosal margin.
- DO NOT position cement limit more than 2 mm below mucosal level.
- It is recommended to use a new screw to place the abutment.

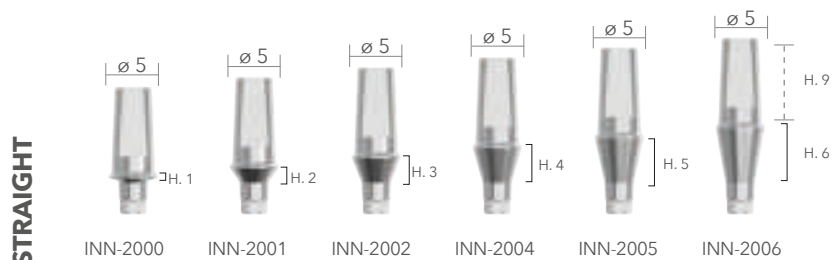
4 mm DIAMETER

This code includes screw INN-6050



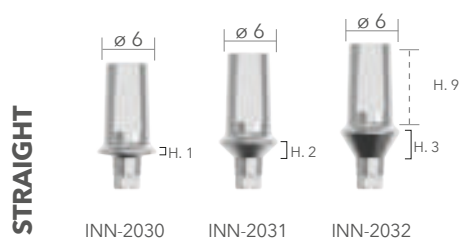
5 mm DIAMETER

This code includes screw INN-6050



6 mm DIAMETER

This code includes screw INN-6050



TIGHTENING: check tightening torques and procedures on page 12



ANGLED TITANIUM ABUTMENTS

They are titanium components mainly used for cemented prosthesis in the front areas.

These abutments have a taper coupling.

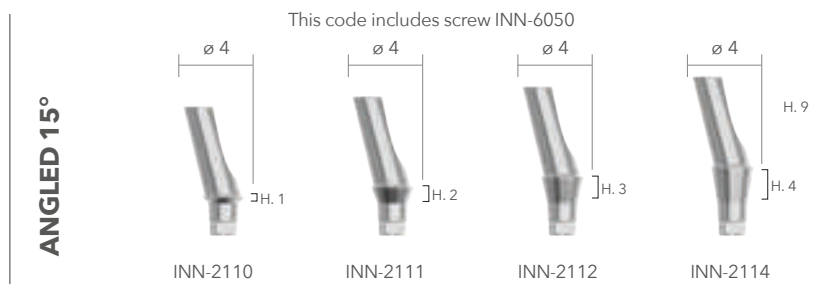
CHARACTERISTICS

- Reduced need for touching-ups thanks to prepared mucosal margins.
- Different transmucosal heights to adapt to various profiles.
- Cylindrical shape similar to the emerging profile of a natural tooth.
- Conexa Connection.

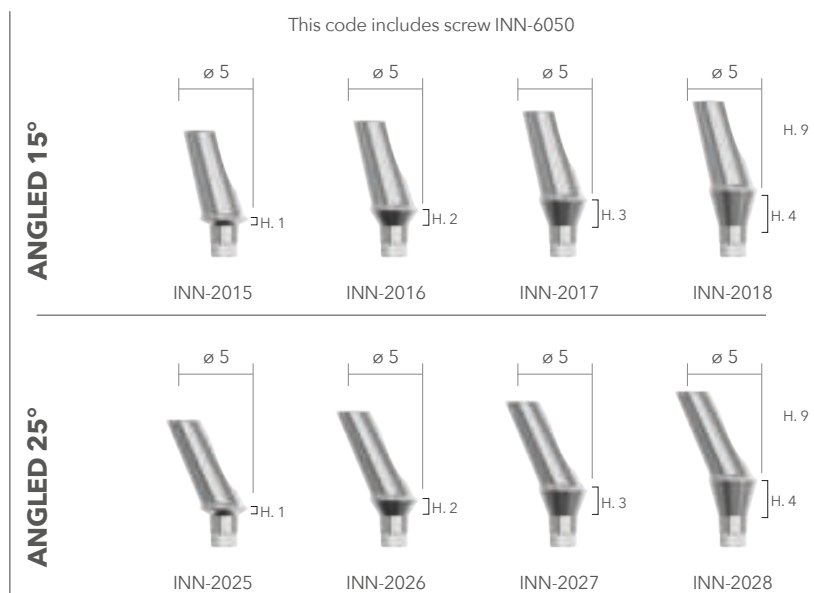
IMPORTANT NOTE

- NOT suitable for direct coating with ceramic.
- DO NOT shorten more than 3 mm above the mucosal margin.
- DO NOT position cement limit more than 2 mm below mucosal level.
- It is recommended to use a new screw to place the abutment.

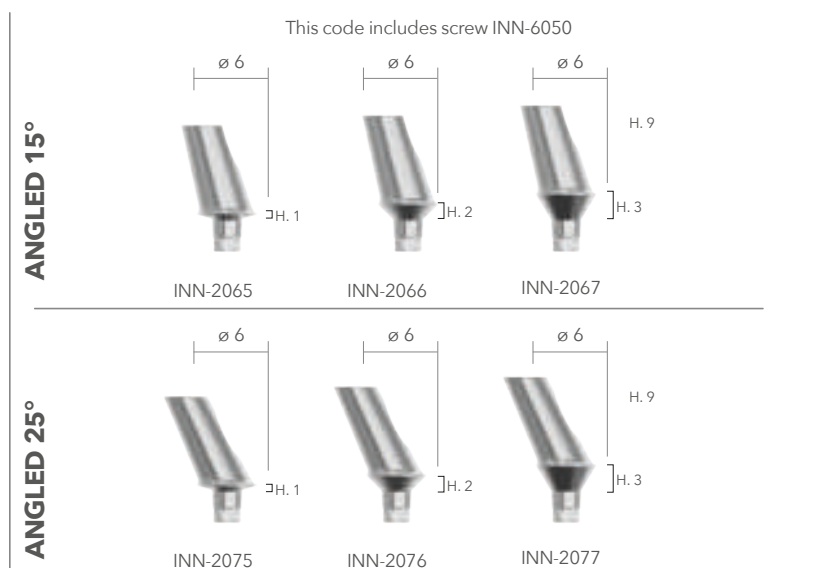
4 mm DIAMETER



5 mm DIAMETER



6 mm DIAMETER



SCAN COMPONENTS

These are components for impression-taking with digital intraoral scanners.

The scancaps must be placed onto the TI-links, properly placed in the patient's mouth, while scanbodies must be directly connected to the implant.



SCANCAP
INN-SCAN
to use with Ti Link



SCANBODY
INN-SCAN-3-NR
This code includes screw INN-6050

IMPORTANT NOTE

It is necessary to prepare B&B Dental libraries within your own design software to use these components. Send us an e-mail to receive the libraries.

NON-ROTATING BASE

This code includes screw INN-6050



INN-00652/05



INN-00652



INN-00652/2



INN-00652/3

TI LINK 3P/EV/WIDE

They are titanium components mainly used for cemented prosthesis with digital technologies.

These abutments have a taper coupling.

CHARACTERISTICS

- Reduced need for touching-ups thanks to prepared mucosal margins.
- Different transmucosal heights to adapt to various profiles.
- Cylindrical shape similar to the emerging profile of a natural tooth.
- Conexa Connection.

ROTATING BASE

This code includes screw INN-6050



INN-00651/0.5



INN-00651



INN-00651/2



INN-00651/3

CASTABLE CYLINDER



INN-0430

PREMILLED BASES

Premilled bases are used for the construction of customised milled abutments. These components are characterised by conexa connection certified by B&B Dental.

3D ANALOGUES

3D analogues can be fixed in the printed models in which they are placed.

TI BASE CEREC® (L LINE)

They are titanium components used for cemented prosthesis and tightened using digital technologies.

These abutments have a taper coupling.

CHARACTERISTICS

- Titanium base.
- Completely customisable prosthesis.
- Use of CAD/CAM technology to produce zirconium abutments to be glued onto the central abutment.
- Conexa Connection.



TIGHTENING: check tightening torques and procedures on page 12

PREMILLED MEDENTIKA

This code includes screw INN-6050

also available upon request for NT-trading and Des holreds



INN-CF5123 Ti
INN-CB512 Cr-Co



INN-CF5125 Ti
INN-CB5125 Cr-Co



STANDARD 3D ANALOG
3D-00585
This code includes screw
3D-02

This code includes screw INN-6050



INN-00655



INN-00655/2



INN-00655/3



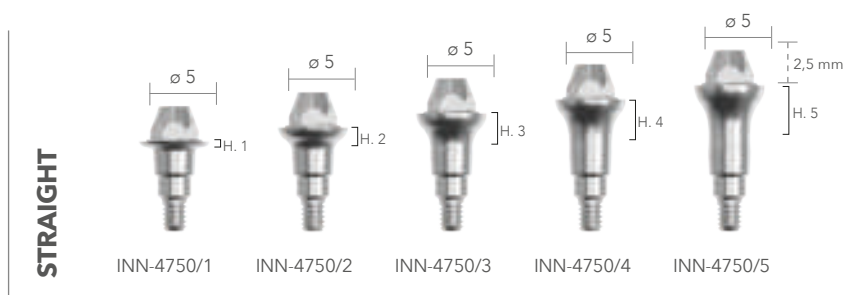
NOTE:

Scanbody items are placed on ScanPost and TiBase for implant data optical acquisition. The grey cap is used with the omnicam system. The white cap is used with the bluecam system. Two connections are available: S (code: 6431295) and L (code: 6431303).

MULTI-USE ABUTMENTS

STRAIGHT MULTI-USE ABUTMENTS

Straight multi-use abutments must be fixed directly to the implant using a multi-use driver (a manual one or with a ratchet).



STRAIGHT MUA TOOLS

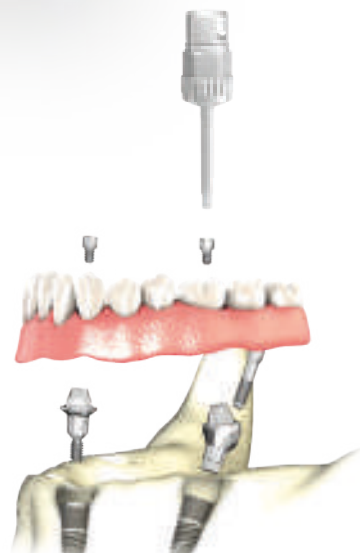
REAMER
GD-BM

**O-BALL AND STRIGHT MUA
TORQUE RATCHET DRIVER**
INN-00637

ANGLED MUA HOLDER
023-MUA



**O-BALL AND STRAIGHT MUA
MANUAL DRIVER**
00440M

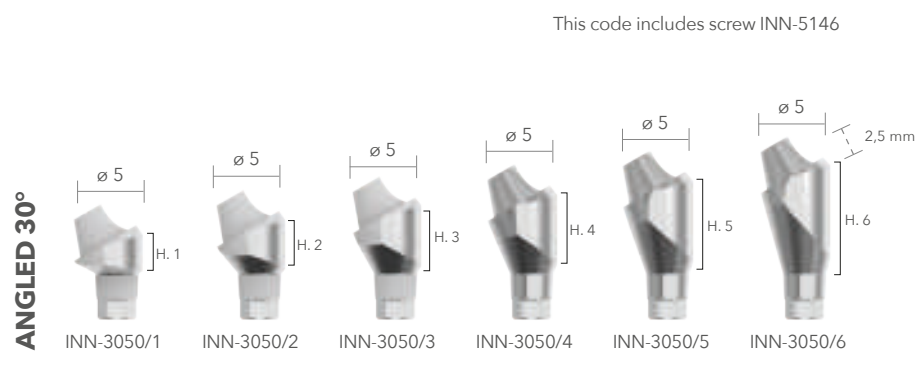
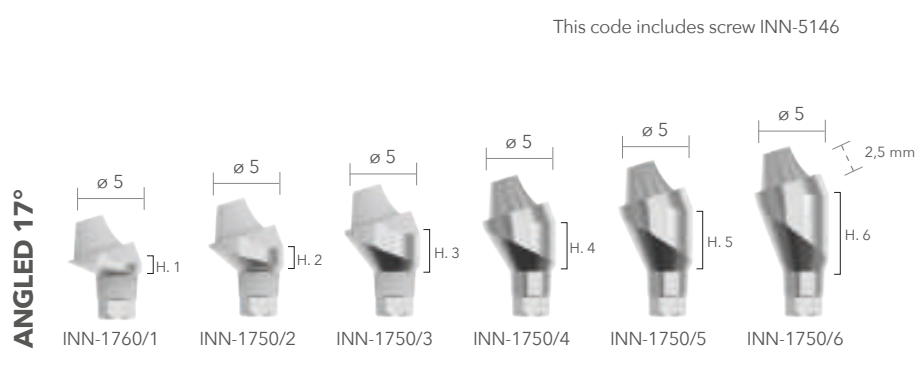


ANGLED MULTI-USE ABUTMENTS

Angled multi-use abutments at 17 and 30 degrees help achieving parallelism in case of implants having a different inclination. Easy connection to the implant using a preassembled transfer

(Ref. 023MUA).

Then, they are fastened by a prosthetic screw.



ANGLED MUA TOOLS

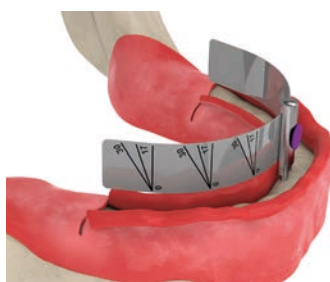
The positioner is used to easily bring the MUA abutment into position in order to insert the primary screw.

Multi-use abutments rely on a tapered connection at the top, on which MUA line abutments must be screwed to obtain:

- Screw-retained bridges.
- All-on-4 and all-on-6 prosthesis.
- Bars on implants with prosthesis.



TIGHTENING: check tightening torques and procedures on page 12



ALL ON FOUR
GUIDE ARCH
INN-3017

HEALING SCREWS

It is used for mucosal healing and conditioning, on top of MUAs. These components are used to rehabilitate soft tissues above the implant so that the final prosthetic abutment can be placed.



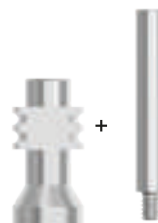
**HEALING CAP
SCREW**
INN-6030

TRANSFERS

The transfer must be placed onto the MUA to accurately adjust the position. In this case, use the MUA analogue.



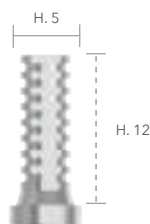
**CLOSED TRAY
TRANSFER**
INN-00611



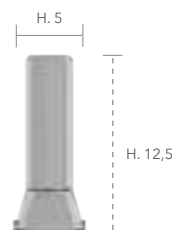
OPEN TRAY TRANSFER
INN-00610

This code includes screw INN-00612

This code includes screw INN-6051



**TEMPORARY
ABUTMENT**
INN-5144



**CASTABLE
ABUTMENT**
INN-5145

ABUTMENTS FOR MUA

These abutments must be fixed onto the MUAs to build structures.

ANALOGUES

Analogues reproduce the implant shape and connection inside the model. They must be carefully placed on the transfers inside the impression before proceeding with model pouring.



MUA ANALOG
INN-00586



TIGHTENING:

check tightening torques and procedures on page 12

MUA DIGITAL TOOLS

The digital components are specifically designed to be used with scanner and printer. Please Send us an e-mail to receive the libraries..

SCANS FOR MUA

The MUA scan is a NON-rotating tool to take impressions by means of intraoral scanners.

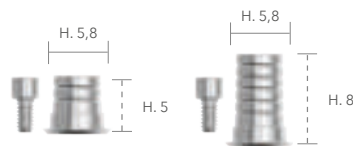


NON-ROTATING MUA SCAN SCAN-MUA

This code includes screw INN-6051

TI LINK BASES FOR MUA

MUA bases are supplied in two different heights in order to allow the creation of crowns featuring a straight screw hole.

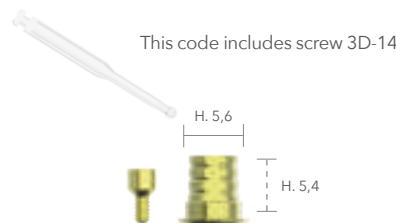


TI LINK FOR MUA 3D-5144 3D-5145

This code includes screw INN-6051

TI LINK BASES FOR MUA FOR INCLINED HOLE

It is provided to allow the creation of crowns featuring an angled screw hole.



MUA BASE FOR INCLINED HOLE 3D-5143

This code includes screw 3D-14

KEYS FOR INCLINED HOLES

These keys are designed to tighten and loosen the screws in case of inclined hole (code 3D-14).



SHORT
3D-17018



MEDIUM
3D-17024



LONG
3D-17032

3D ANALOGUES

3D analogues allow screwing and unscrewing of the bases from the models in which they were placed.



MUA 3D ANALOG 3D-00586

This code includes screw 3D-02

IMPORTANT NOTE

It is necessary to prepare B&B Dental libraries within your own design software to use these components. Send us an e-mail to receive the libraries..

FLAT ANCHORING SYSTEM

FLAT ABUTMENTS

The flat abutments directly screw onto the implant and are ideal for the reconstruction of complete arches since their design ensures flexibility in a clinical situation where implants are not parallel, keeping the withdrawal axis beyond 15° for convergent and divergent implants. These abutments simulate the external connection.

- Screw-retained prosthesis.
- Bar-type prosthesis on implants.
- Immediate installation.

CHARACTERISTICS

- Allow production of stable prosthesis
- Suitable for aesthetic areas.

IMPORTANT NOTE

Do not use whenever implant divergence exceeds 15°.



**SHORT DRIVER
WITHOUT SPRING
00578/S**



**FLAT
INN-00669**



**FLAT
INN-00669/3**



**FLAT
INN-00669/4**

HEALING SCREW

It is used for mucosal healing and conditioning, on top of FLATs. These components are used to rehabilitate soft tissues above the implant so that the final prosthetic abutment can be placed.



**HEALING
SCREW
INN-00733**

TRANSFERS

The transfer must be placed onto the FLAT to accurately adjust the position. In this case, use the FLAT analogue.



**CLOSED TRAY
TRANSFER
INN-00737**

ANALOGUES

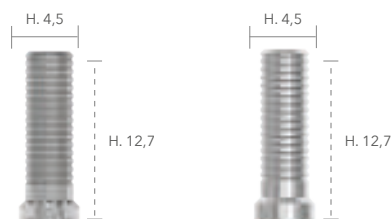
Analogues reproduce the implant shape and connection inside the model. They must be carefully placed on the transfers inside the impression before proceeding with model pouring.



**FLAT
ANALOG
INN-00736**

ABUTMENTS FOR FLAT

These abutments must be fixed onto the FLATSs to build structures.



**CASTABLE
ABUTMENT
INN-00687**
This code includes
screw INN-00690

**TITANIUM
ABUTMENT
INN-00687/1**
This code includes
screw INN-00690

FLAT DIGITAL TOOLS

The digital components are specifically designed to be used with scanner and printer. Please Send us an e-mail to receive the libraries..



**SCAN FLAT
SCAN-FLAT**
This code includes screw INN-00690

SCAN FOR FLAT

The FLAT scan is a rotating tool to take impressions by means of intraoral scanners.



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

TI LINK BASES FOR FLAT

FLAT bases are useful for anchoring crowns above FLATS, since there is no geometric index they are rotating bases.

TI LINK BASES FOR FLAT FOR INCLINED HOLE

It is provided to allow the creation of crowns featuring an angled screw hole.



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



**FLAT BASE FOR INCLINED HOLES
3D-00687/1**
This code includes screw INN-00690

3D ANALOGUES

3D analogues can be fixed in the printed models in which they are placed.



**FLAT 3D ANALOG
3D-00736**
This code includes screw 3D-02



TIGHTENING:

check tightening torques and procedures on page 12

SPHERICAL ANCHORING SYSTEM

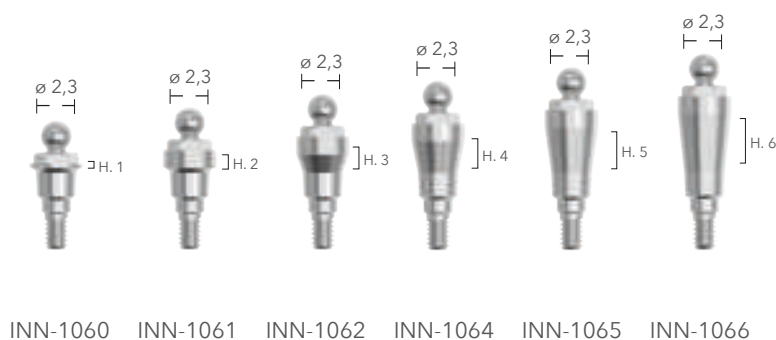
SPHERICAL ABUTMENTS

These abutments allow to stabilize mobile prosthesis in lower and upper jaws.

CHARACTERISTICS

- Setting off up to 20° divergence between two implants.
- Minimum height of the component, suitable for narrow occlusal space.
- Excellent long-term performance thanks to wear-resistant components.

SPHERICAL ABUTMENTS Ø 2,3



**O-BALL
ANALOG**
INN-00623



TRANSFER
INN-00625

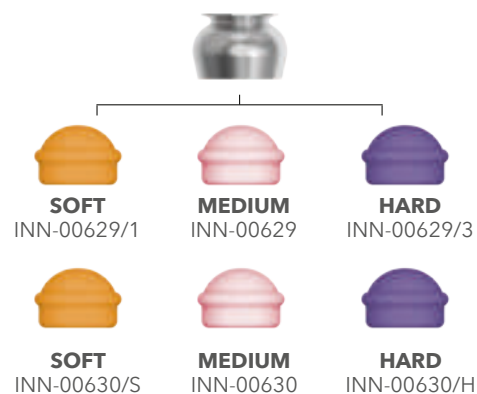
ACCESSORIES FOR IMPRESSION AND LAB

Ø 2.3 PLASTIC CAPS AND METAL HOUSINGS

NOTE: The metal housing contains the plastic cap.

Ø 2.3 PLASTIC CAPS ONLY

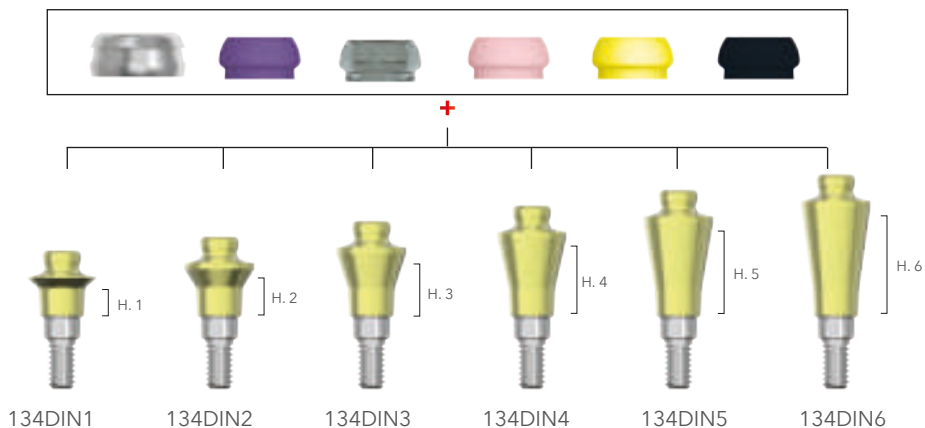
6 pieces per package



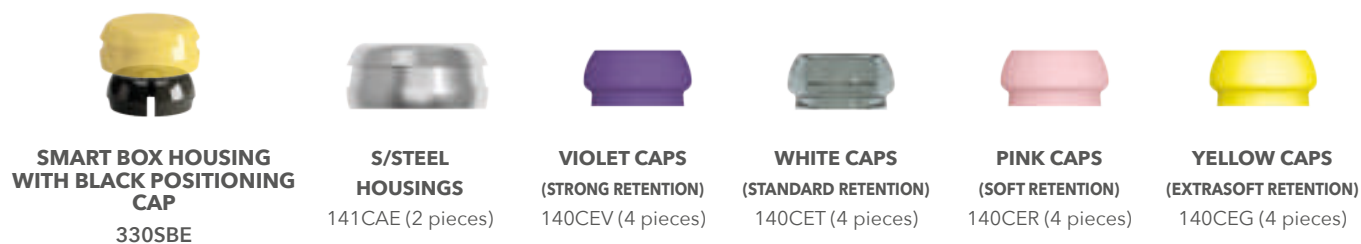
OT EQUATOR

COMPLETE SET

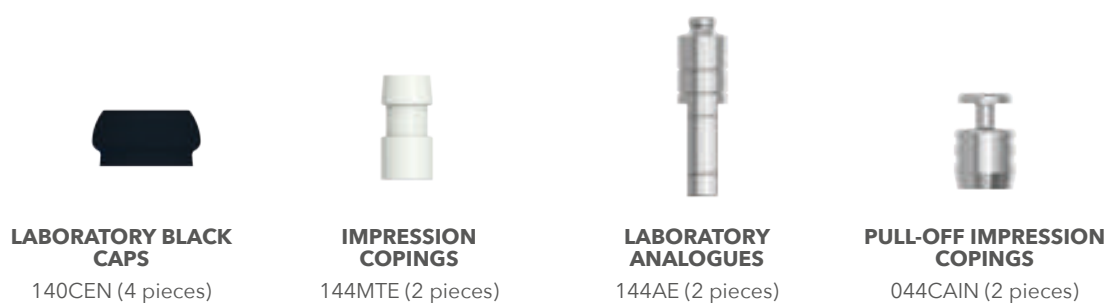
- 1 Anchoring abutment
- 1 Stainless steel housing for caps
- 1 Violet cap -strong retention
- 1 White cap -standard retention
- 1 Pink cap -soft retention
- 1 Yellow cap -extrasoft retention
- 1 Black laboratory cap



CAPS WITH METAL HOUSING



LAB ACCESSORIES



SURGICAL INSTRUMENTS AND DRIVERS



TIGHTENING:

check tightening torques and procedures on page 12

03.

REDUCED DIAMETER IMPLANTS



REDUCED DIAMETER IMPLANTS



DURA-VIT SLIM implants have a reduced diameter and hence allow managing cases featuring limited bone crest by exploiting implants having a special surface and features, by B&B Dental. SLIM line implants are equipped with a special connection. SLIM line comes completed with transfer as well as surgical and prosthetic components to ensure easy use and a well-defined protocol.

DURA-VIT SLIM IMPLANTS

SLIM Ø3,4

HEX TAPER CONNECTION WITHOUT MORSE-TYPE TAPER

- Accurate positioning of prosthetic components
- Excellent choices, respecting parallelism
- Increased mating surface between implant and abutment
- High stability

COLLAR WITH REVERSE TAPER AND ANNULAR MICRO SPLINING

- Excellent support of soft tissues
- Maximum volume of alveolar bone
- Minor crestal bone resorption

SELF-TAPPING DOUBLE THREAD SPIRAL

- Sharp double thread for spiral tap increased depth
- Ensure easy insertion and osteocondensation
- Very high primary stability

PENETRATING TIP

- Allows the penetration in small diameter preparations
- Ideal anchoring

SLIM Ø3,0

COLLAR MICRO-THREADING

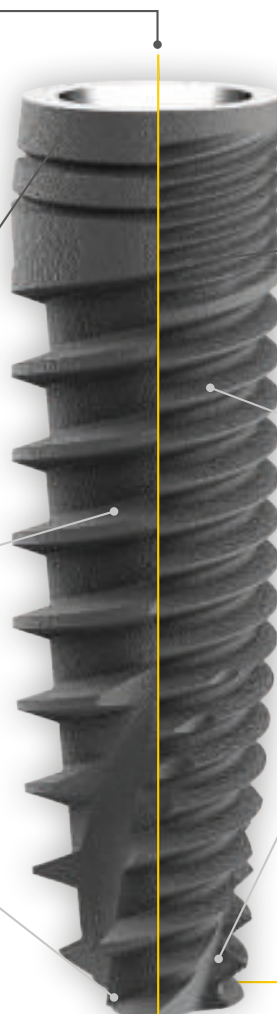
- Increases primary stability
- Makes implant placement easier
- Reduces vertical prosthesis load
- Helps soft tissue healing

TRIPLE-THREAD SPIRAL

- 60° bevelled profile threading
- Increases mating surface with bone to ensure less invasive procedures
- Improves osseointegration

NARROW TIP

- Not suitable for sites close to the nerve or sinus membrane.



PROPERTIES






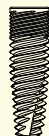


SLIM Ø 3,4 IMPLANT

- Ideal in spongy bone (D3-D4).
- Allows condensation.
- Ideal in post-extraction sites.
- Under-sized implant site preparation.
- Grade 4 Titanium.

SLIM Ø 3,0 IMPLANT

- Excellent in all bone types (especially D1-D2).
- Ensure high primary stability.
- Ideal in sites next to sinus or nerve.
- Suitable for all surgical procedures.
- Grade 4 Titanium.

SLIM • LINE

	L. 8	L. 10	L. 12	L. 14
ø 3.4	 SL-3408	 SL-3410	 SL-3412	 SL-3414
ø 3	 3P-3008	 3P-3010	 3P-3012	 3P-3014

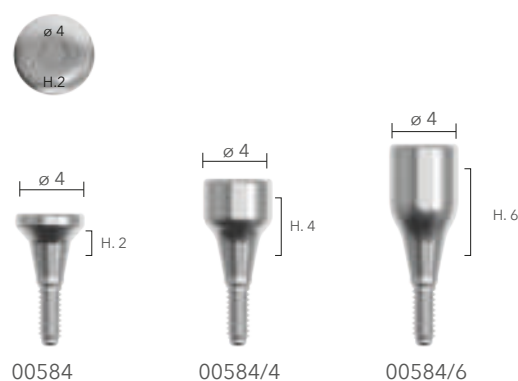
IMPORTANT NOTE

DURA-VIT SLIM ø3.4 and ø3 require the same prosthetic components. Please notice that they are different from the EV, 3P and WIDE implant lines. The screw secondary component and the analogues of this line are different from those of the EV, 3P and Wide lines.

IMPRESSION & HEALING COMPONENTS

HEALING SCREW (grade 5 titanium)

These components are used to rehabilitate soft tissues around the implant so that the final abutment can be later placed. **The components are laser-marked for easy recognition of diameter and length.**



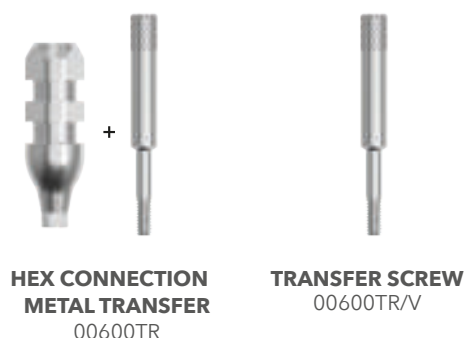
FACILITY TRANSFER

For use of the standard tray holder with closed-tray technique, by tightening the transfer coping in the implant and positioning the plastic cap in place it will be possible to obtain a clear positioning in the impression.



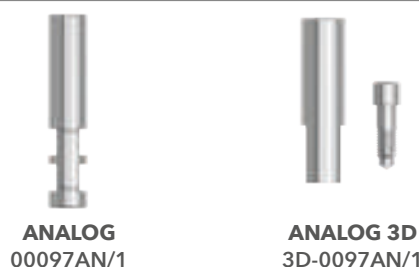
PICK-UP TRANSFER

To be used with open tray holders, with closed-tray technique, by screwing the transfer inside the implant it will be possible to obtain a clear positioning in the impression.



ANALOG

Analogues reproduce the implant shape and connection inside the model. They must be carefully placed on the transfers inside the impression before proceeding with model pouring.



PROSTHETIC COMPONENTS

TITANIUM ABUTMENTS Ø 4

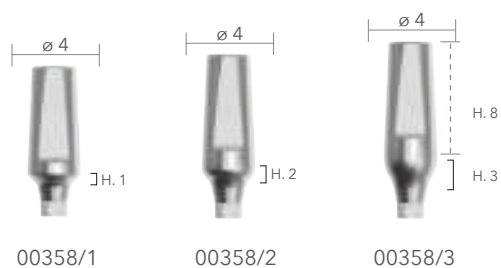
They are titanium components mainly used for cemented prosthesis in the front areas. These abutments DO NOT have a taper coupling.

CHARACTERISTICS

- Reduced need for touching-ups thanks to prepared mucosal margins.
- Different transmucosal heights to adapt to various profiles.
- Cylindrical shape similar to the emerging profile of a natural tooth.

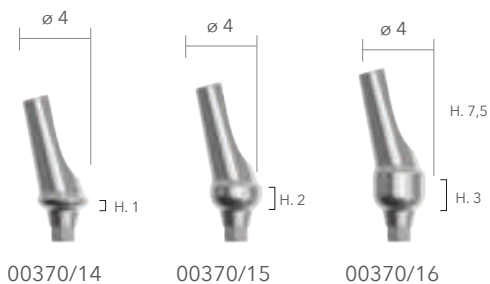
STRAIGHT Ø 4

This code includes screw 00358/V



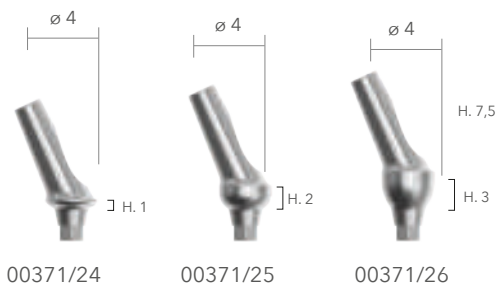
ANGLED 15° Ø 4

This code includes screw 00358/V



ANGLED 25° Ø 4

This code includes screw 00358/V



IMPORTANT NOTE

Proper position of angled abutments can be checked by ensuring that the driver external hexagon is aligned with the internal hexagon.



TIGHTENING:

check tightening torques and procedures on page 12

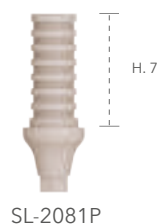
TEMPORARY ABUTMENT IN PEEK

These abutments must be used with the lost-wax procedure.

CHARACTERISTICS

- Utmost adaptability.
- Possibility of customising the emerging profile and adaptation to gum edge profile to obtain excellent aesthetic results.

This code includes screw 00358/V



SL-2081P

CASTABLE ABUTMENT Ø 4

These abutments must be used with the lost-wax procedure.

CHARACTERISTICS

- Utmost adaptability.
- Possibility of customising the emerging profile and adaptation to gum edge profile to obtain excellent aesthetic results.

This code includes screw 00358/V



00358CA

SLIM DIGITAL TOOLS

TI BASE CEREK (S LINE)

They are titanium components used for cemented prosthesis and tightened using digital technologies.

These abutments have a taper coupling.

CHARACTERISTICS

- Titanium base.
- Completely customisable prosthesis.
- Use of CAD/CAM technology to produce zirconium abutments to be glued onto the central abutment.

This code includes screw 00358/V



00655



NOTE:

Scanbody items are placed on ScanPost and TiBase for implant data optical acquisition. The grey cap is used with the omnicam system. The white cap is used with the bluecam system. Two connections are available: S (code: 6431295) and L (code: 6431303).



TIGHTENING:

check tightening torques and procedures on page 12

SCAN SLIM COMPONENTS

The digital components are specifically designed to be used with scanner and printer. Please Send us an e-mail to receive the libraries..

TI LINK SLIM

They are titanium components mainly used for cemented prosthesis with digital technologies.

CHARACTERISTICS

- Reduced need for touching-ups thanks to the prepared mucosal margins.
- Different transmucosal heights to adapt to various profiles.
- Cylindrical shape similar to the emerging profile of a natural tooth.

CASTABLE CYLINDER



SL-0524

PREMILLED BASES

Premilled are bases for the construction of customised milled abutments. These components are characterised by a connection certified by B&B Dental.

3D ANALOGUES

3D analogues can be fixed in the printed models in which they are placed.

IMPORTANT NOTE

It is necessary to prepare B&B Dental libraries within your own design software to use these components. . Send us an e-mail to receive the libraries.



SCANCAP
SL-SCAN
to use with Ti Link



SCANBODY
SL-SCAN-2-NR
This code includes screw 00358/V

NON-ROTATING BASE

This code includes screw 00358/V



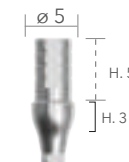
00652



00652/1



00652/2



00652/3

ROTATING BASE

This code includes screw 00358/V



00652/R



00652/1R



00652/2R



00652/3R

PREMILLED MEDENTIKA

This code includes screw 00358/V
also available upon request for NT-trading and Des holreds



SL-CF2122 Ti
SL-CB2122 Cr-Co



SL-CF2124 Ti
SL-CB2124 Cr-Co

This code includes screw 3D-02



3D SLIM ANALOG
3D-0097AN/1

FLAT ANCHORING SYSTEM

FLAT ABUTMENTS

The flat abutments directly screw onto the implant and are ideal for the reconstruction of complete arches since their design ensures flexibility in a clinical situation where implants are not parallel, keeping the withdrawal axis beyond 15° for convergent and divergent implants. These abutments simulate the external connection.

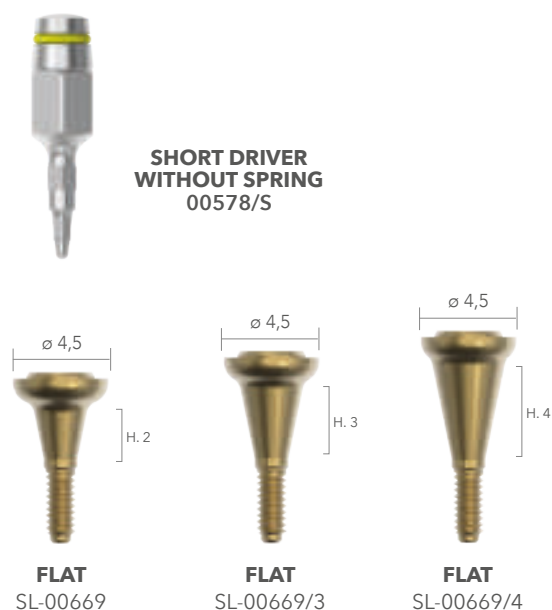
- Screw-retained prosthesis.
- Bar-type prosthesis on implants.
- Immediate installation.

CHARACTERISTICS

- Allow production of stable prosthesis
- Suitable for aesthetic areas.

IMPORTANT NOTE

Do not use whenever implant divergence exceeds 15°.



HEALING SCREW

It is used for mucosal healing and conditioning, on top of FLATs. These components are used to rehabilitate soft tissues above the implant so that the final prosthetic abutment can be placed.



TRANSFERS

The transfer must be placed onto the FLAT to accurately adjust the position. In this case, use the FLAT analogue.



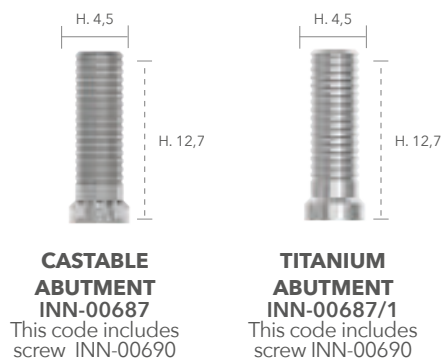
ANALOGUES

Analogues reproduce the implant shape and connection inside the model. They must be carefully placed on the transfers inside the impression before proceeding with model pouring.



ABUTMENTS FOR FLAT

These abutments must be fixed onto the FLATs to build structures.

**FLAT DIGITAL TOOLS**

The digital components are specifically designed to be used with scanner and printer. Please Send us an e-mail to receive the libraries..

SCAN FOR FLAT

The FLAT scan is a rotating tool to take impressions by means of intraoral scanners.

**TI LINK BASES FOR FLAT**

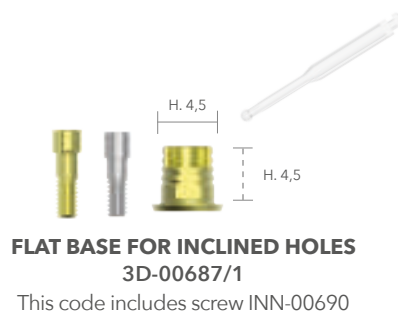
FLAT bases are useful for anchoring crowns above FLATS, since there is no geometric index they are rotating bases.

**TI LINK BASES FOR FLAT FOR INCLINED HOLE**

It is provided to allow the creation of crowns featuring an angled screw hole.



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

**3D ANALOGUES**

3D analogues can be fixed in the printed models in which they are placed.

**TIGHTENING:**

check tightening torques and procedures on page 12

SPHERICAL ANCHORING SYSTEM

SPHERICAL ABUTMENTS

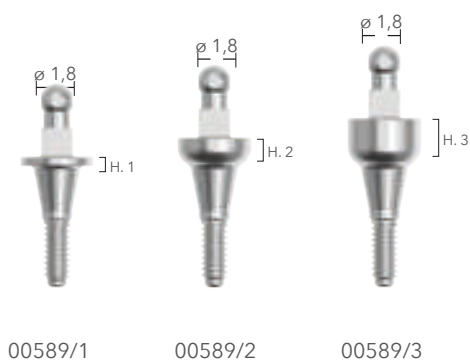
These abutments allow the stabilization of removable prosthesis in lower and upper jaws.

Moreover, special surgical instruments are required, also suitable for placing the DURA-VIT MINI IMPLANT.

CHARACTERISTICS

- Setting off up to 20° divergence between two implants.
- Minimum height of the component, suitable for narrow occlusal space.
- Excellent long-term performance thanks to wear-resistant components.

SPHERICAL ABUTMENTS Ø 1,8



LABORATORY AND SURGICAL INSTRUMENTS



BUTTERFLY KEY
MD-3002



KEY FOR TORQUE RATCHET (Short)
MD-3003S



KEY FOR TORQUE RATCHET (Long)
MD-3003L



SPHERICAL ANALOG
MD-3007

Ø 1.8 PLASTIC CAP AND METAL HOUSINGS

Three different retention levels are available for prosthesis matrices, which are obtained by using special O-rings and metal matrices.

NOTE: The metal housing is sold separately, without any plastic cap inside.



SOFT RETENTION
MD-3004/1



MEDIUM RETENTION
MD-3004



HARD RETENTION
MD-3004/2



O-RING (LARGE)
MD-3005/1 (5 pieces)



O-RING (SMALL)
MD-3005 (5 pieces)



ELASTIC
049PCM (6 pieces)



SOFT
040CRM SN (6 pieces)



EXTRA SOFT
060CRM AY (6 pieces)

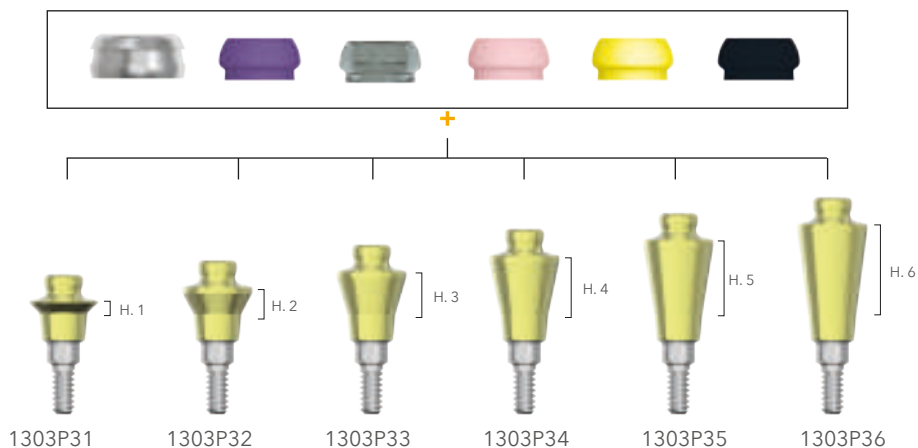


METAL HOUSING
041CAM (2 pieces)

OT EQUATOR

COMPLETE SET

- 1 Anchoring abutment
- 1 Stainless steel housing for caps
- 1 Violet cap -strong retention
- 1 White cap -standard retention
- 1 Pink cap -soft retention
- 1 Yellow cap -extrasoft retention
- 1 Black laboratory cap



CAPS WITH METAL HOUSING



LAB ACCESSORIES



SURGICAL INSTRUMENTS AND DRIVERS



TIGHTENING:

check tightening torques and procedures on page 12

SURGICAL INSTRUMENTS & KITS



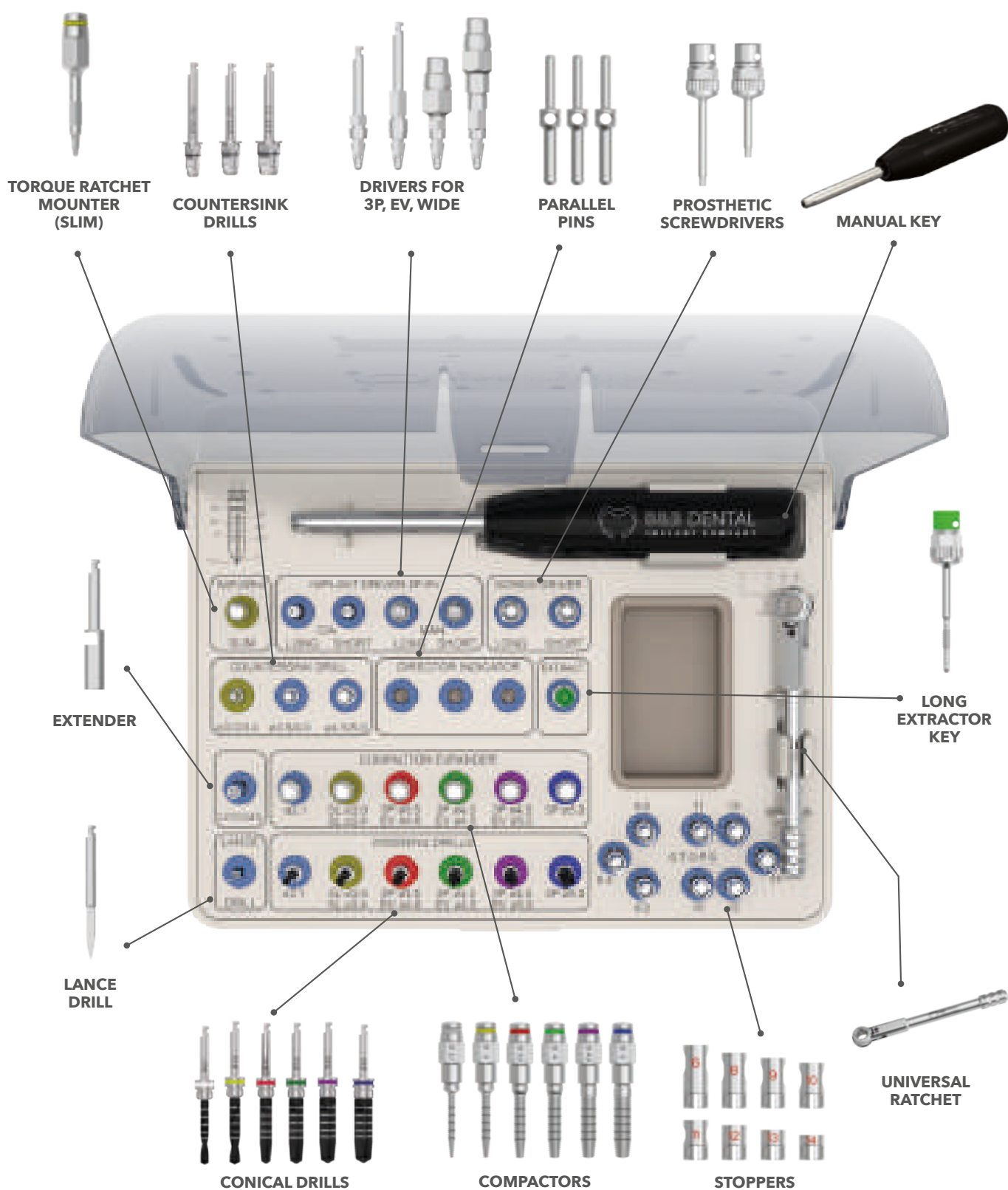
The study and care that B&B Dental places in the design of the implants are also extended to the essential instruments for the preparation of the osteotomy and the implant placement. The instruments can be sold separately, but are also set up in kits dedicated to the main DURA-VIT lines and techniques so that you can make sure to have all the necessary instruments to safely operate on any clinical case. It is always necessary to take care and evaluate the degree of wear and tear and evaluate the need to change the instruments in order to keep the kits in optimal working order and operate in total safety.





COMPLETE SURGICAL KIT

FOR 3P/EV/SL -DURA-VIT LINE



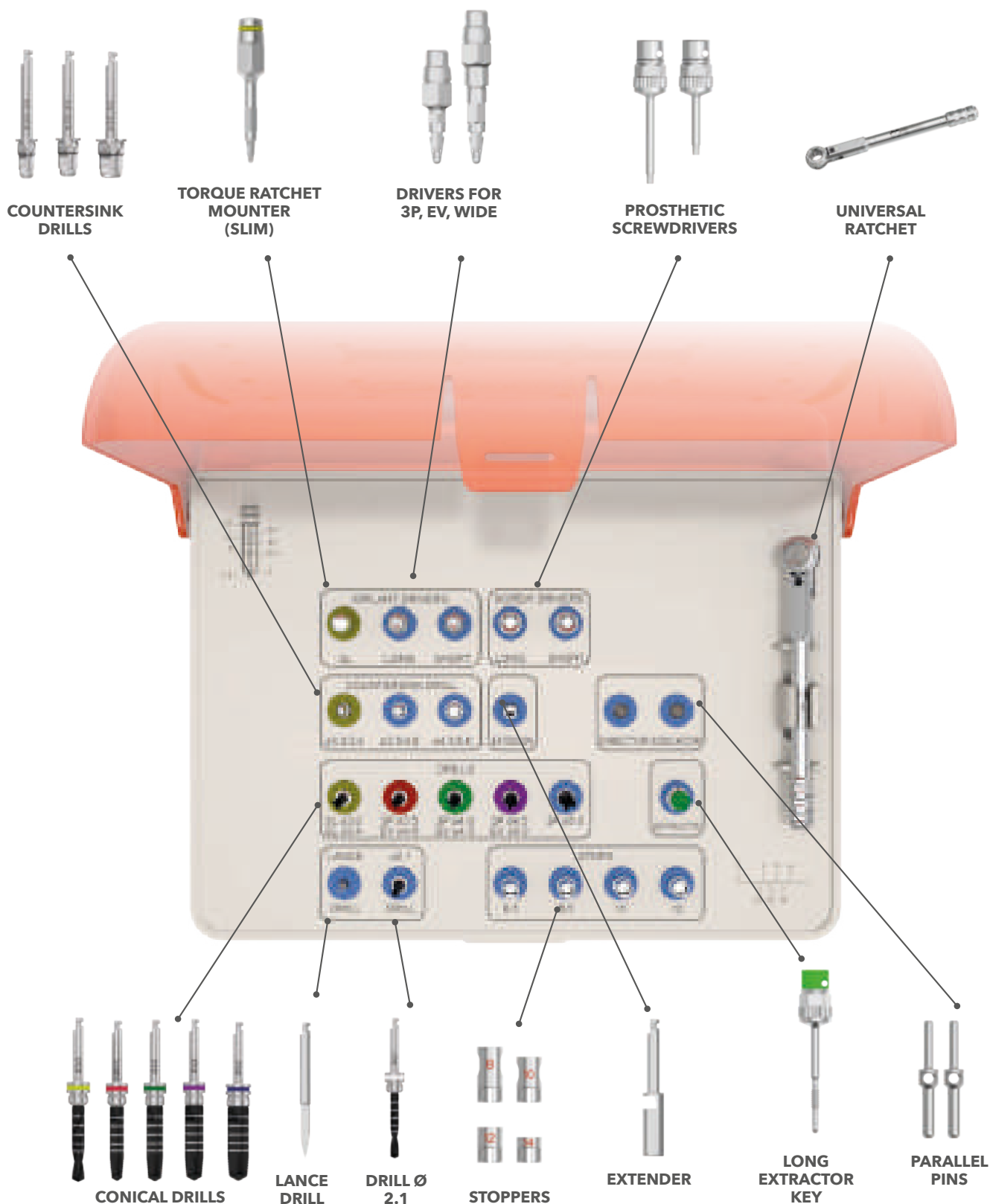


REF. 3P-00092SC

Extender	Ref. 00236N	Metal stopper L. 8,0 mm	Ref. STOP01
Lance drill	Ref. 147-021	Metal stopper L. 9,0 mm	Ref. STOP07
Drill Ø 2,1	Ref. 00074CUT	Metal stopper L. 10 mm	Ref. STOP02
Conical drill Ø 3,0	Ref. 00075CUT	Metal stopper L. 11 mm	Ref. STOP08
Conical drill Ø 3,5	Ref. 3P-35CUT	Metal stopper L. 12 mm	Ref. STOP03
Conical drill Ø 4,0	Ref. 3P-40CUT	Metal stopper L. 13 mm	Ref. STOP09
Conical drill Ø 4,5	Ref. 3P-45CUT	Metal stopper L. 14 mm	Ref. STOP04
Conical drill Ø 5,0	Ref. 3P-50CUT	Parallel pins (3 pcs)	Ref. 00441T
Compactor-expander Ø 2,1	Ref. 201-3P	Slim implant driver (Long)	Ref. 00578/L
Compactor-expander Ø 3,0	Ref. 281-3P	Implant contra-angle key (Short)	Ref. INN-00581
Compactor-expander Ø 3,5	Ref. 331-3P	Implant contra-angle key (Long)	Ref. INN-581/L
Compactor-expander Ø 4,0	Ref. 381-3P	Implant driver (Long)	Ref. INN-00590/2
Compactor-expander Ø 4,5	Ref. 431-3P	Implant driver (Short)	Ref. INN-00590/1
Compactor-expander Ø 5,0	Ref. 481-3P	Prosthetic screwdriver (Long)	Ref. INN-61000L
Countersink drill Ø 3,0/3,4	Ref. NECK-334	Prosthetic screwdriver (Short)	Ref. INN-61000
Countersink drill Ø 3,5/4,0	Ref. NECK-354	Universal ratchet	Ref. 00376
Countersink drill Ø 4,5/5,0	Ref. NECK-455	Manual key	Ref. 3P-00090CM
Metal stopper L. 6,5 mm	Ref. STOP06	Extractor key (Long)	Ref. INN-6161L

SIMPLIFIED SURGICAL KIT

FOR 3P/EV/SL -DURA-VIT LINE



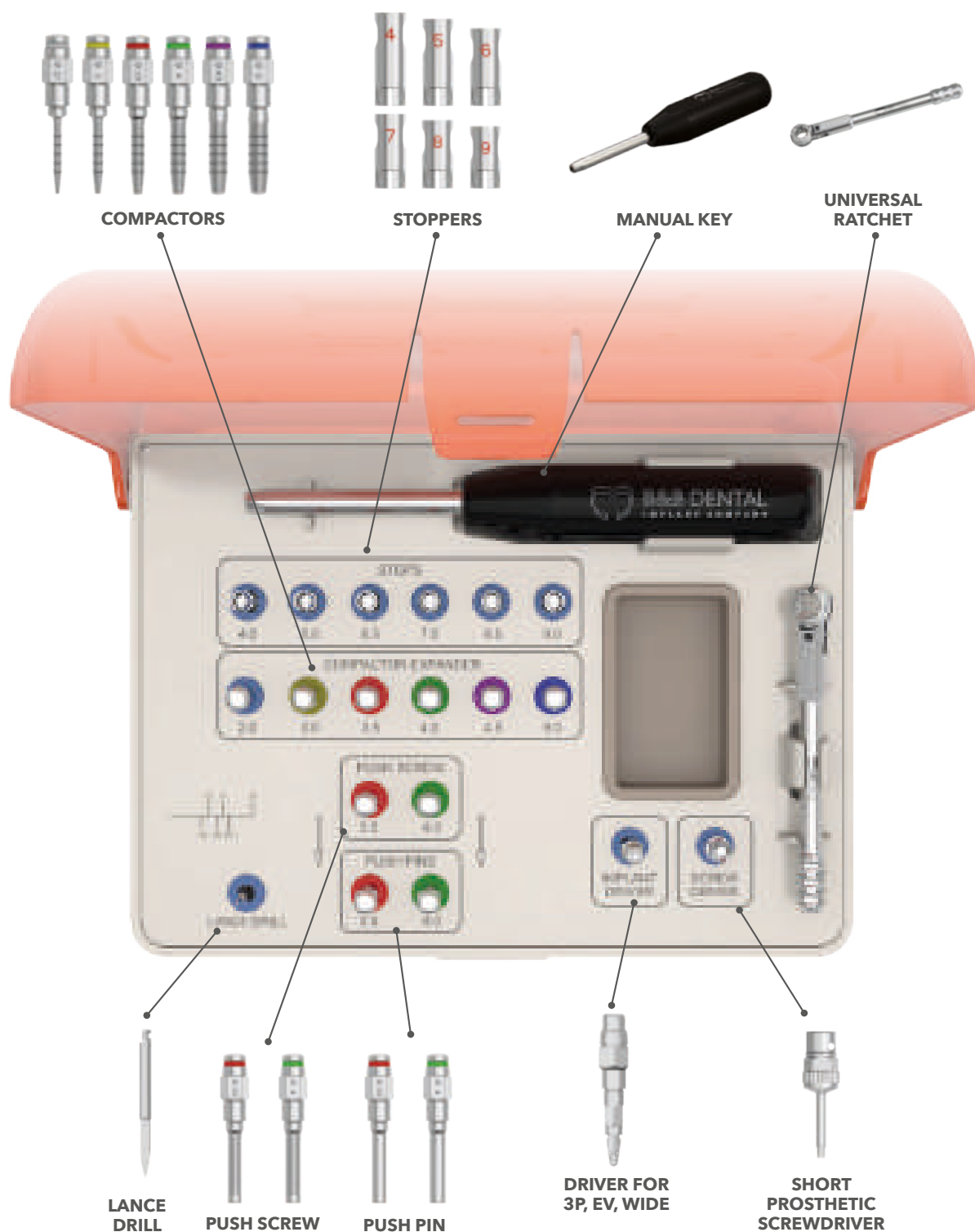


REF. 3P-00095SC

Lance drill	Ref. 147-021	Countersink drill Ø 3,0/3,4	Ref. NECK-334
Drill Ø 2,1	Ref. 00074CUT	Countersink drill Ø 3,5/4,0	Ref. NECK-354
Metal stopper L. 8,0 mm	Ref. STOP01	Countersink drill Ø 4,5/5,0	Ref. NECK-455
Metal stopper L. 10 mm	Ref. STOP02	Slim implant driver (Long)	Ref. 00578/L
Metal stopper L. 12 mm	Ref. STOP03	Implant driver (Long)	Ref. INN-00590/1
Metal stopper L. 14 mm	Ref. STOP04	Implant driver (Short)	Ref. INN-00590/2
Conical drill Ø 3,0	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 4,0	Ref. 3P-40CUT	Extractor key (Long)	Ref. INN-6161L
Conical drill Ø 4,5	Ref. 3P-45CUT	Parallel pins (2 pcs)	Ref. 00441T
Conical drill Ø 5,0	Ref. 3P-50CUT	Universal ratchet	Ref. 00376
Extender	Ref. 00236N		

CRESTAL SINUS LIFT KIT

DURA-VIT LINE

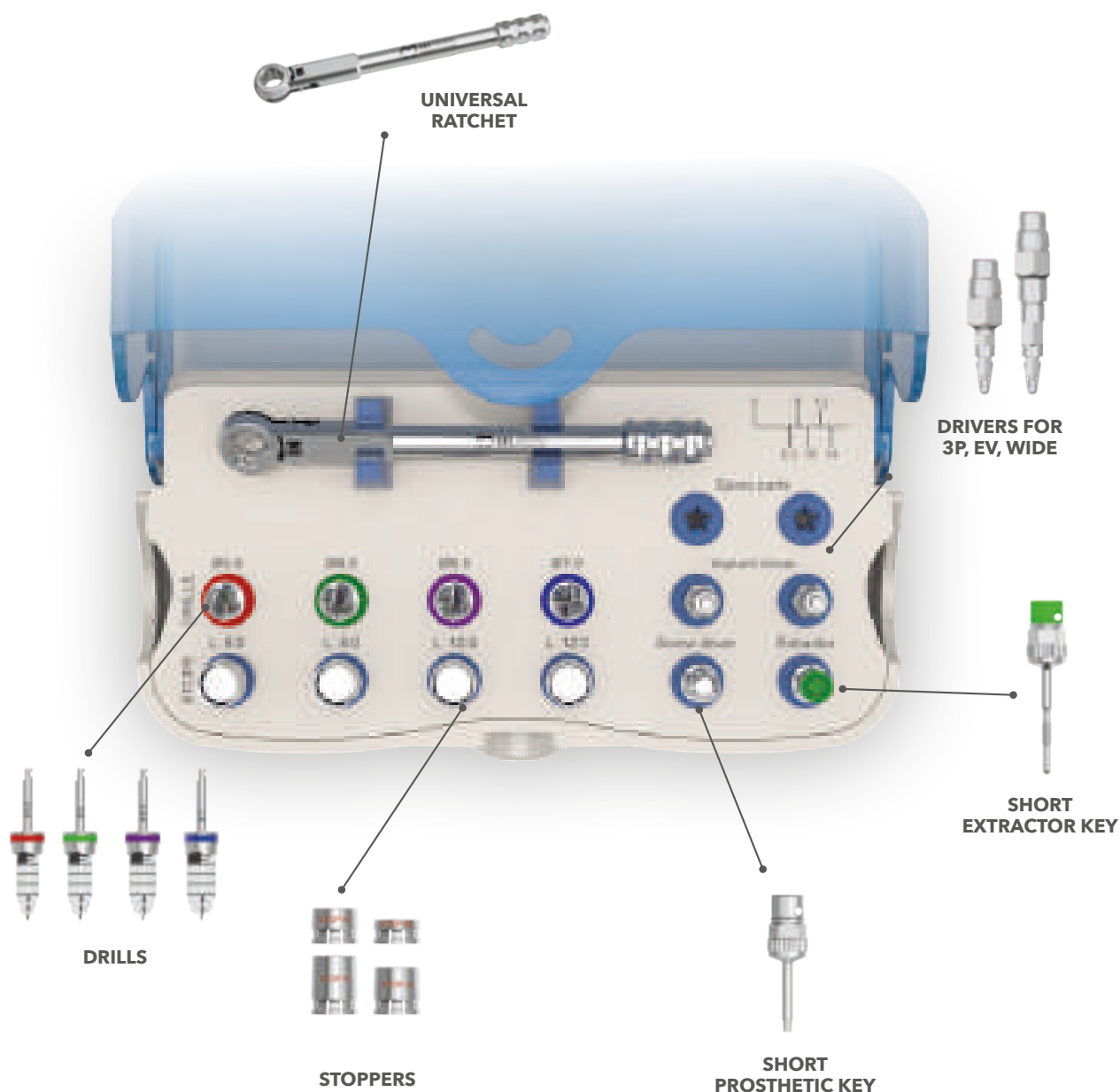




REF. 3P-00093SC

Lance drill	Ref. 147-021	Metal stopper L. 8,0 mm	Ref. Stop01
Compactor-expander Ø 2,1	Ref. 201-3P	Metal stopper L. 9,0 mm	Ref. Stop07
Compactor-expander Ø 3,0	Ref. 281-3P	Push pin Ø 3,5	Ref. SL-PP35
Compactor-expander Ø 3,5	Ref. 331-3P	Push pin Ø 4,0	Ref. SL-PP40
Compactor-expander Ø 4,0	Ref. 381-3P	Push screw Ø 3,5	Ref. SL-PS35
Compactor-expander Ø 4,5	Ref. 431-3P	Push screw Ø 4,0	Ref. SL-PS40
Compactor-expander Ø 5,0	Ref. 481-3P	Torque ratchet mounter (Long)	Ref. INN-00590/2
Metal stopper L. 4,0 mm	Ref. Stop12	Manual key	Ref. 3P-00090CM
Metal stopper L. 5,0 mm	Ref. Stop05	Prosthetic screwdriver (Corta)	Ref. INN-61000
Metal stopper L. 6,5 mm	Ref. Stop06	Universal ratchet	Ref 00376
Metal stopper L. 7,0 mm	Ref. Stop11		

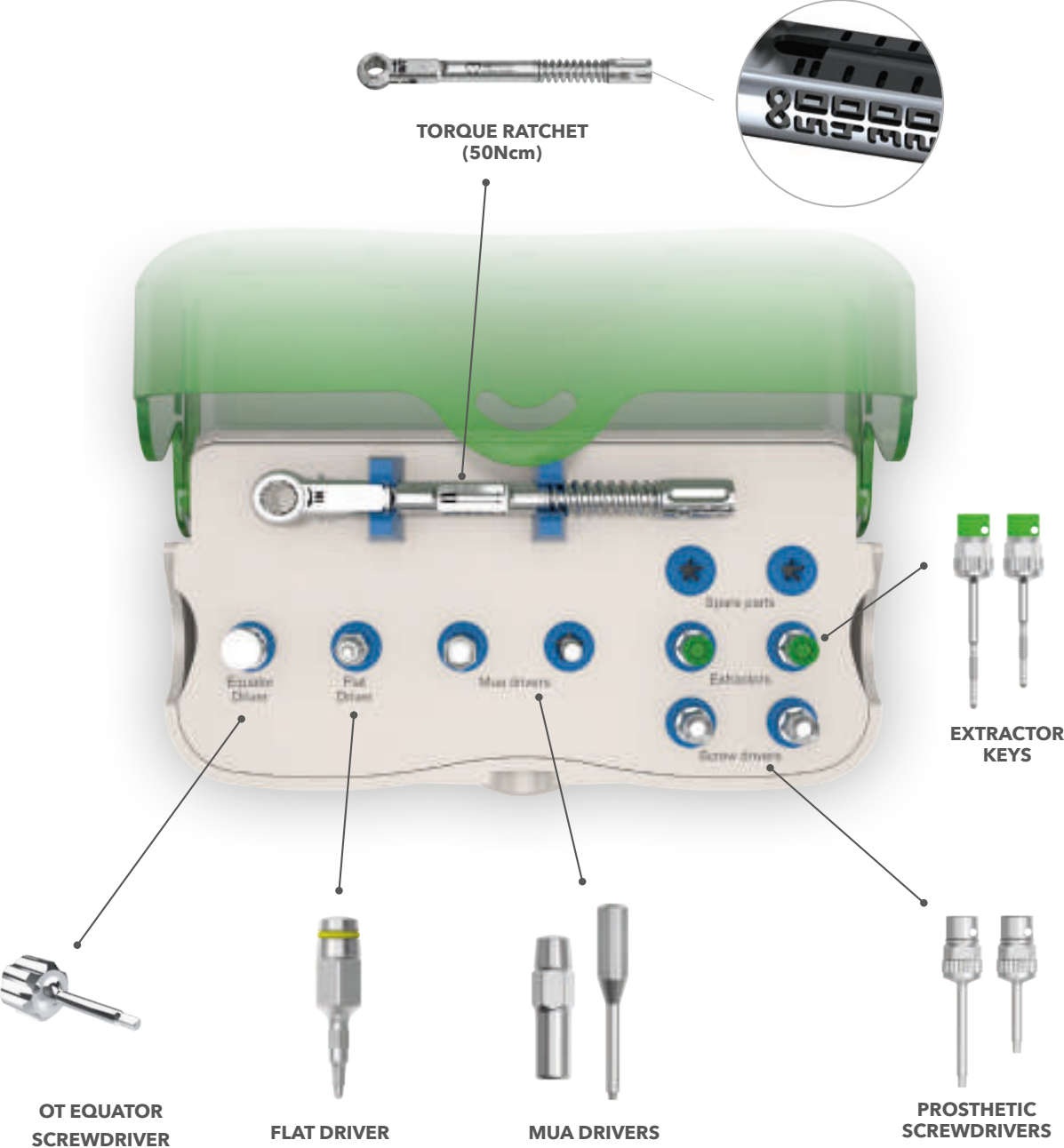
WIDE SURGICAL KIT



REF. WIDE-00092SC

WIDE drill Ø 5,5	Ref. WIDE-55CUT	WIDE Metal stopper L. 12 mm	Ref. W-STOP12
WIDE drill Ø 6,0	Ref. WIDE-60CUT	Extractor Key (Short)	Ref. INN-6161
WIDE drill Ø 6,5	Ref. WIDE-65CUT	Implant driver (Short)	Ref. INN-00590/1
WIDE drill Ø 7,0	Ref. WIDE-70CUT	Implant driver (Long)	Ref. INN-00590/2
WIDE Metal stopper L. 6,5 mm	Ref. W-STOP06	Prosthetic screwdriver (Short)	Ref. INN-61000
WIDE Metal stopper L. 8,0 mm	Ref. W-STOP08	Universal ratchet	Ref. 00376
WIDE Metal stopper L. 10 mm	Ref. W-STOP10		

PROSTHETIC KIT



REF. KITPROTESICO _____

Torque ratchet (50 Ncm)	Ref. 00376DIN	Prosthetic screwdriver (Long)	Ref. INN-61000
OT Equator screwdriver	Ref. 774CHE	Prosthetic screwdriver (Short)	Ref. INN-61000L
Flat driver	Ref.00578/S	Extractor Key (Long)	Ref. INN-6161L
Straight MUA torque ratchet driver	Ref. INN-00637	Extractor Key (Short)	Ref. INN-6161
Angled MUA positioner	Ref. 023-MUA		

SURGICAL COMPONENTS

SURGICAL INSTRUMENTS

Parallel pins helps drilling aiming inserted into the surgically prepared implant site.

The **Mucotomes**, used with low-speed contra-angle, allow piercing the mucosa according to the diameter of the chosen implant.

The **Templates** help the surgeon in choosing the right implant during the planning stage using the panoramic X-rays. The whole range of DURA-VIT 3P implants is shown in 2 size scales: a real one and another one zoomed in at 25%, considering panoramic X-ray distortions.

PARALLEL PINS



00441T

MUCOTOMES



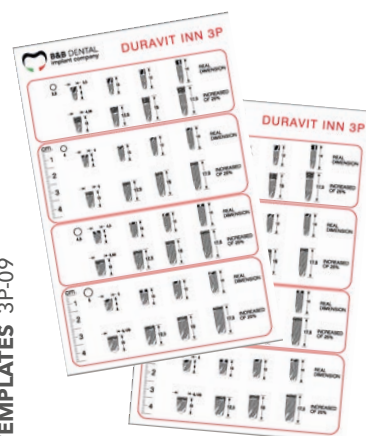
00090BM
ø 3 mm

00091BM
ø 4 mm

00092BM
ø 4,5 mm

00093BM
ø 5 mm

TEMPLATES 3P-09



IMPORTANT NOTE

Use the extender only for drills, DO NOT use for implant insertion.

INITIAL DRILLS

EXTENDER DRILL

It increases the drilling depth during surgery.

LANCE DRILL

It creates the implant insertion point and is used to penetrate the cortical bone plates to assess bone quantity and quality.

ROUNDED DRILL

Prepares the cortical bone plate at implant neck level.



EXTENDER
00236N



LANCE DRILL
147-021

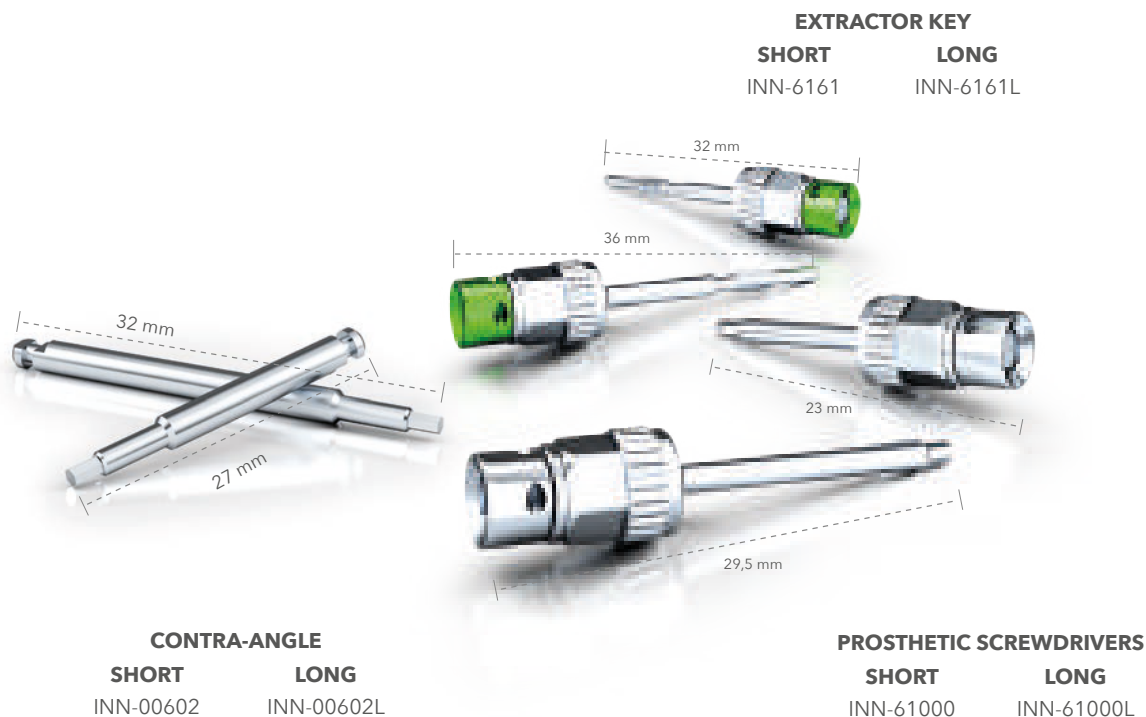


ROUNDED DRILL
000100

DRIVERS FOR PROSTHETIC SCREWS

-Hex driver 1.27mm (stainless steel).

-For all types of cover screws, healing abutments and prosthetic screws.



RATCHET & MANUAL KEY

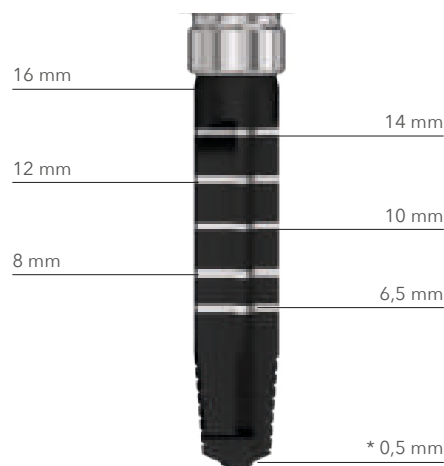
-Finger driver allows to transform the torque ratchet driver into manual driver. It can be used both on implant drivers and on prosthetic screwdrivers.

-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.



CONICAL DRILLS

- Drills are available in sequential diameters.
- Made of surgical metal with DLC coating, they must be used with external irrigation.
- Drills are identified by colour coding and are laser-marked with the corresponding diameter.
- The grooves on the edges help when preparing the implant site length.
- Presence of 5 laser-marked notches indicating depth.



IMPORTANT NOTE

Add 0.5 mm to drill length considering the angled tip.

Color code	ø 2,1	ø 3,0	ø 3,5	ø 4,0	ø 4,5	ø 5,0
Actual diameter	ø 2,1	ø 2,6	ø 3,1	ø 3,6	ø 4,1	ø 4,6
Ref	00074CUT	00075CUT	3P-35CUT	3P-40CUT	3P-45CUT	3P-50CUT**

STANDARD STOPPERS

Stoppers ensure easy and accurate preparation of implant site depth.

- Laser marking for immediate length identification.
- Easy and quick to install.

* not included in the kit

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*

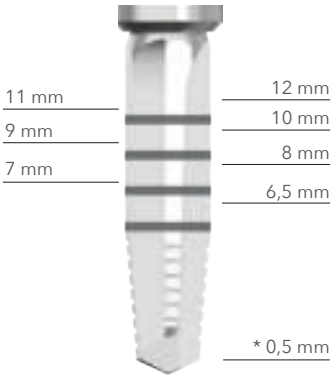
STOPPERS ø 5

* not included in the kit

Length	06 mm	07 mm	08 mm	09 mm	10 mm	11 mm	12 mm	13 mm	14 mm	15 mm
Ref	STOP-506*	STOP-511*	STOP-501*	STOP-507*	STOP-502*	STOP-508*	STOP-503*	STOP-509*	STOP-504*	STOP-510*

SHORT CONICAL DRILL







- Drills are available in sequential diameters.
- Made of surgical metal, they must be used with external irrigation.
- Drills are identified by colour coding and are laser-marked with the corresponding diameter.
- The grooves on the edges help when preparing the implant site length.
- Presence of 4 laser-marked notches indicating depth.



IMPORTANT NOTE

Add 0.5 mm to drill length considering the angled tip.

Reference grooves and laser-marked notches

						
31 mm						
Color code	● ø 2,1	● ø 3,0	● ø 3,5	● ø 4,0	● ø 4,5	● ø 5,0
Actual 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**

STOPPERS FOR SHORT DRILLS

Stoppers ensure easy and accurate preparation of the implant site depth.

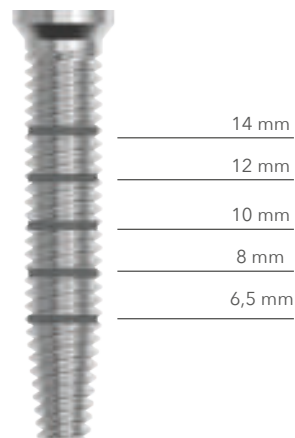
- Laser marking for immediate length identification.
- Easy and quick to install.

****NOTE:** stoppers cannot be installed to taper drill ø 5 and on expansion compactor Ø 5,0

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

COMPACTORS-EXPANDERS

- 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 depth for an easy identification during the surgery.
- The laser lines on compactors-expanders help to prepare the length of the implant site.



IMPORTANT NOTE

Compactors expanders can be used with stops on page 70.

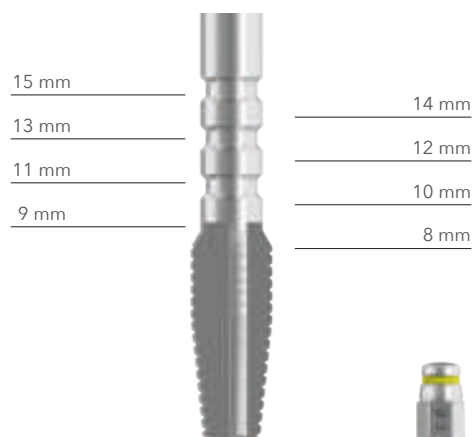
Color code	● ø 2.1	● ø 3	● ø 3.5	● ø 4	● ø 4.5	● ø 5
Actual diameter	ø 2,0	ø 2,5	ø 3,2	ø 3,7	ø 4,2	ø 4,7
Ref	201-3P	281-3P	331-3P	381-3P	431-3P	481-3P**

****NOTE:** stoppers cannot be installed to taper drill ø 5 and on expansion compactor ø 5,0

COUNTERSINK DRILLS






Used in case of hard bone, to prepare cortical neck for implant placement, widening the crestal area of implant site.

	● ø 3,0/3,4	● ø 3,5/4,0	● ø 4,5/5,0
Actual diameter	ø 3,0/3,4	ø 3,5/4,0	ø 4,5/5,0
Ref	NECK-334	NECK-354	NECK-455



BONE TAPS

Screw taps are used to prepare implant site threaded profile, so as to reduce pressure on the bone. Tapping must be carried out with a ratchet and as the last step before implant placement.

					
Color code	ø 3	ø 3.5	ø 4	ø 4.5	ø 5
Actual diameter	ø 3,0	ø 3,5	ø 4,0	ø 4,5	ø 5,0
Ref	TAP-30	TAP-35	TAP-40	TAP-45	TAP-50

REAMERS

In case of excessive growth of bone onto the implant, the bone reamer allows excess removal to help insertion of prosthetic and surgical components.

BONE REAMER GD-BM



Implant covered by the bone



Bone removal by bone reamer



Removed bone to help abutment insertion



Placed abutment

IMPLANT PLACEMENT

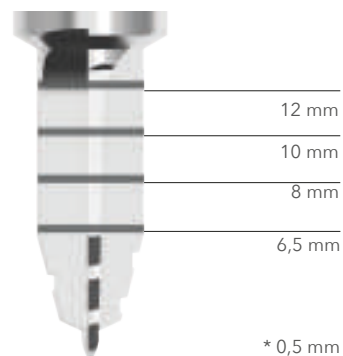
In order to obtain the best possible results from the healing process, it is important to place the implant 1 or 1.5 mm below the crestal level and never above it. B&B Dental implants have been designed and treated to allow the perimetral bone to carry out proliferation and osseointegration also along the implant neck, thereby lending long-term stability to the implant. Implant surface is fully mordanted on the outside to offer a valid support on which the bone can proliferate, thus promoting osseointegration. This type of placement together

with abutment design realise the so-called "platform switching" concept whose effectiveness has been widely recognised by literature as well as its key importance for implant rehabilitation positive results in the long term, in terms of stability and aesthetics.

Stop length is equal to the implant length or higher by a millimetre in order to help implant placement and an easier osteotomy preparation. If required, it is also possible not to use the stops, and instead pay attention to the laser marks on the drills for preparation.

FRESE CONICHE WIDE

- Drills are available in sequential diameters.
- Made from surgical metal, they must be used with external irrigation.
- Drills are identified by colour coding and are laser-marked with the corresponding diameter.
- The grooves on the edges help when preparing the implant site length.
- Presence of 4 laser-marked notches indicating depth.



IMPORTANT NOTE

Add 0.5 mm to drill length considering the angled tip.

Color code	● ø5.5	● ø 6	● ø 6.5	● ø 7
Actual diameter	ø 5,0	ø 5,5	ø 6,0	ø 6,5
Ref	WIDE-55CUT	WIDE-60CUT	WIDE-65CUT	WIDE-70CUT

WIDE STOPPERS

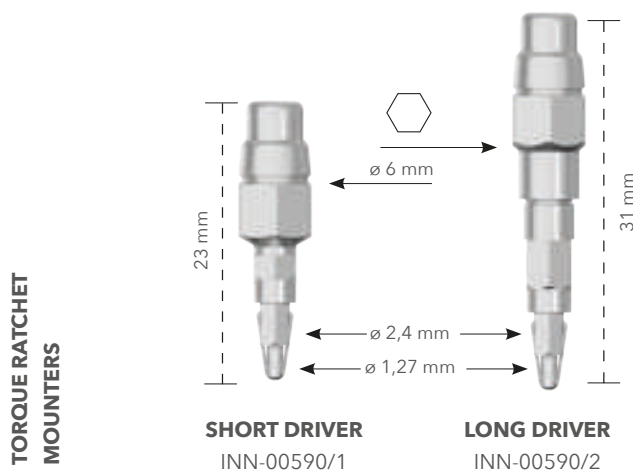
Wide stops ensure easy and accurate preparation of the implant site depth.

- Laser marking for immediate length identification.
- Easy and quick to install.

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

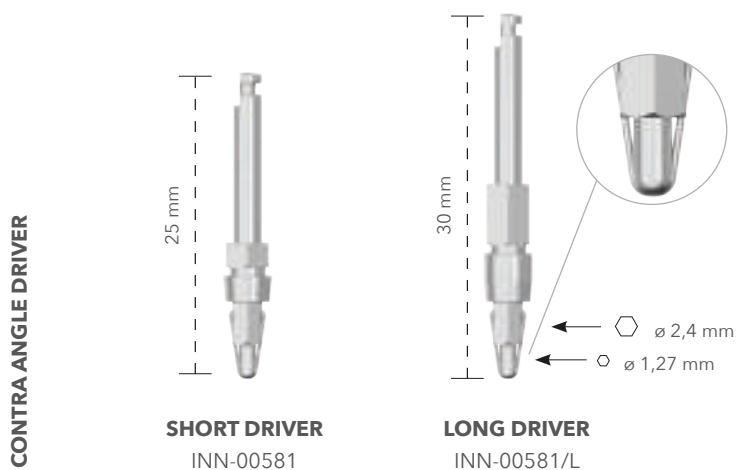
DRIVERS FOR 3P, EV, WIDE IMPLANTS

- Hardened steel drivers to finally drive 3P, EV and WIDE implants.
- Driver external hexagon is aligned with the internal hexagon. During implant insertion and final placing, this allows you to immediately obtain proper positioning of angled abutments.



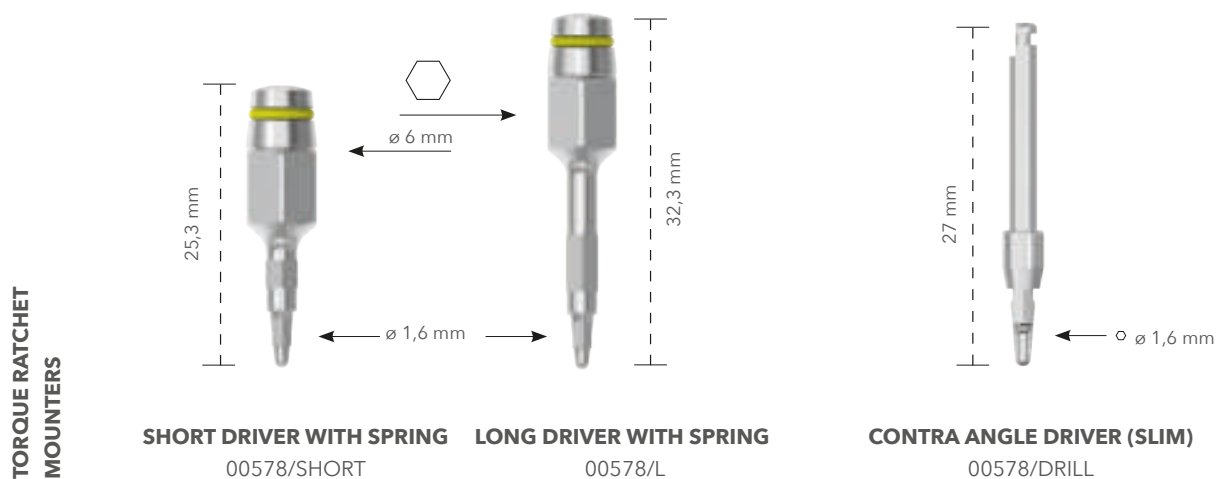
TIGHTENING:

check tightening torques and procedures on page 13



DRIVERS FOR SLIM IMPLANTS

- Hardened steel drivers to finally drive SLIM implants.
- Driver external hexagon is aligned with the internal hexagon. During implant insertion and final placing, this allows you to immediately obtain proper positioning of angled abutments.



SURGICAL PROTOCOLS

3P DRILLING PROCEDURE

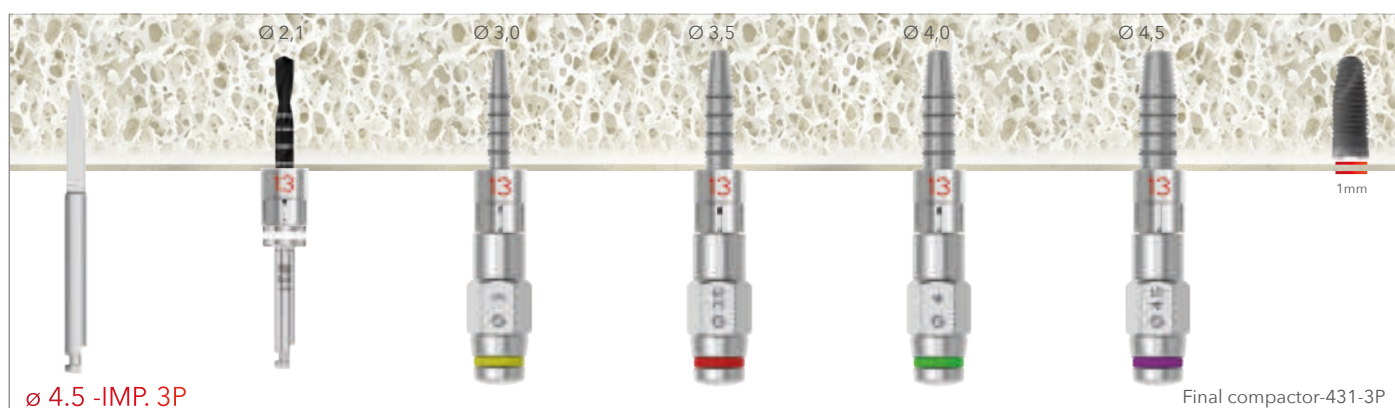
SUITABLE FOR USE IN HARD BONE (D1-D2)

An efficient and atraumatic implant site preparation is created through a procedure relying on a gradual drilling technique. The whole stage of bone tissue drilling must be performed under an abundant external irrigation with saline or, preferably, sterile distilled water. Furthermore, drilling must be intermittent both to avoid bone to heat up and to create a pumping effect that will help effective removal of bone tissue.



SUITABLE FOR USE IN SOFT BONE (D3-D4)

Expansion-compactors of the DURA-VIT system are a valid alternative to osteotomes for maxillary expansion and condensation, when preparing the implant site. Expansion compactor are also an alternative to the maxillary sinus elevation procedure using Summers technique. DURA-VIT expansion compactors increase implant clinical success, improving primary stability and maintaining bone density. They are used and mounted on manual driver or straight key, and this reduces the trauma caused by percussion osteotomes.

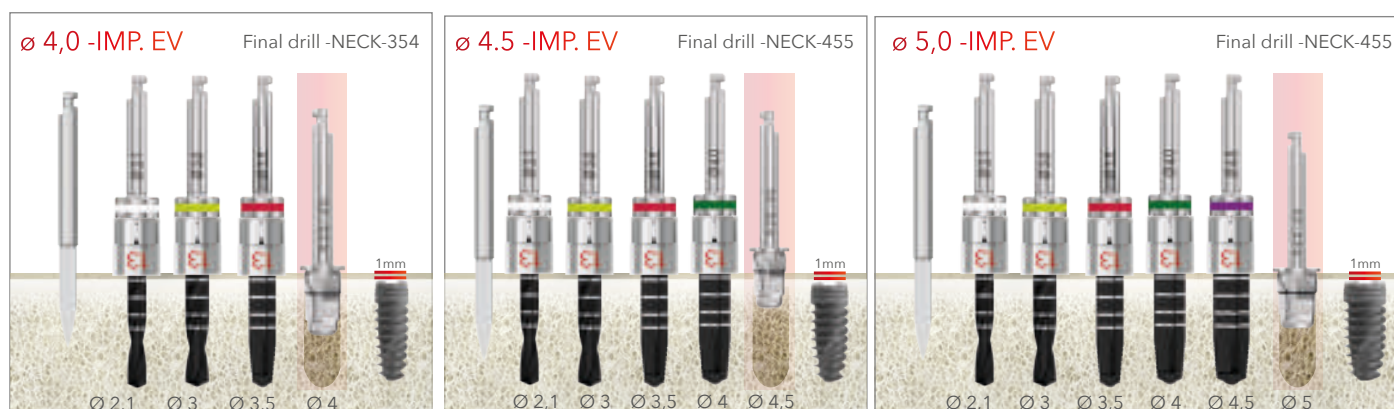


EV DRILLING PROCEDURE

SUITABLE FOR USE IN HARD BONE (D1-D2)

An efficient and atraumatic implant site preparation is created through a procedure relying on a gradual drilling technique. It must be intermittent to avoid bone to heat up.

In case of resistance during placement, turn counter-clockwise by 2-3 turns and carry on with the placement.



SUITABLE FOR USE IN SOFT BONE (D3-D4)

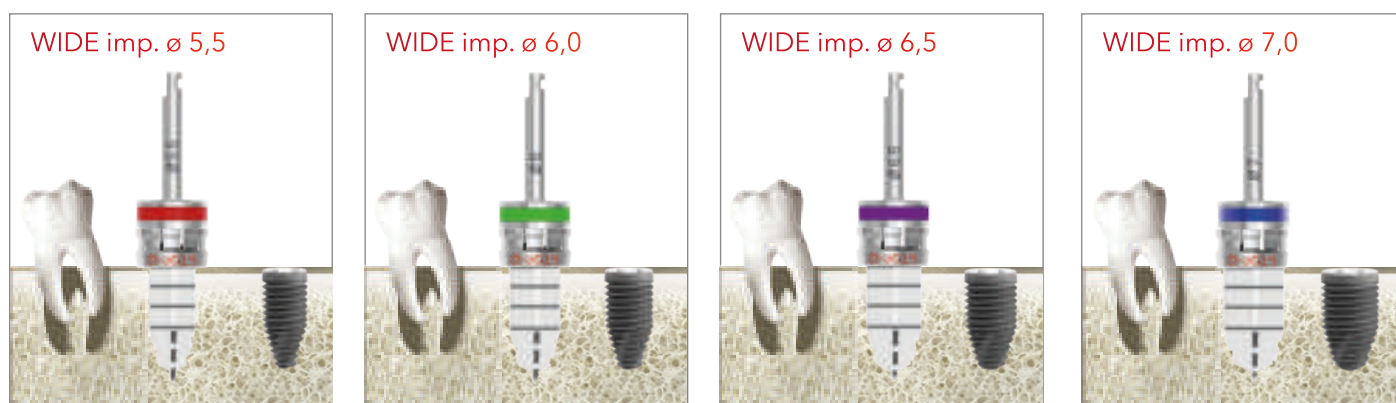
When bone is soft, the procedure requires the use of expansion compactors of the DURA-VIT system to be able to expand and condense the maxillary sinuses. Expansion compactors increase success rate, improving primary stability and maintaining bone density.



WIDE DRILLING PROCEDURE

SUITABLE FOR USE IN A PREMOLAR AND MOLAR EXTRACTION SITE

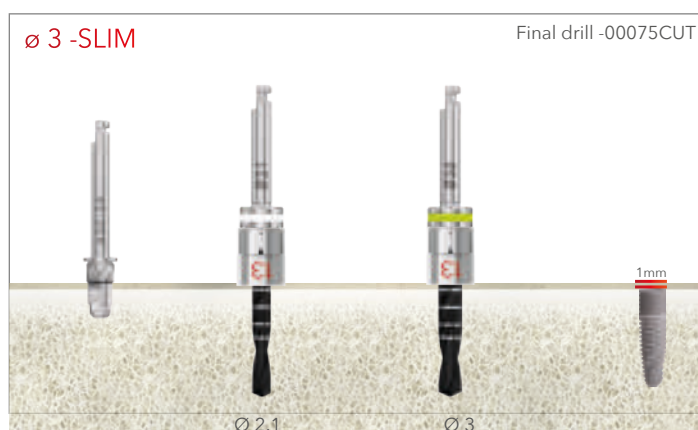
Wide implant system has been designed to perfectly adapt to the natural shape of a molar site. In fact, the body of these systems features a larger diameter and a parallel-taper shape that allows easier penetration with a suitable alveolar adaptation. The final result is an immediate and excellent placement of the implant in the extraction site, minimising bone loss and reducing the treatment period.



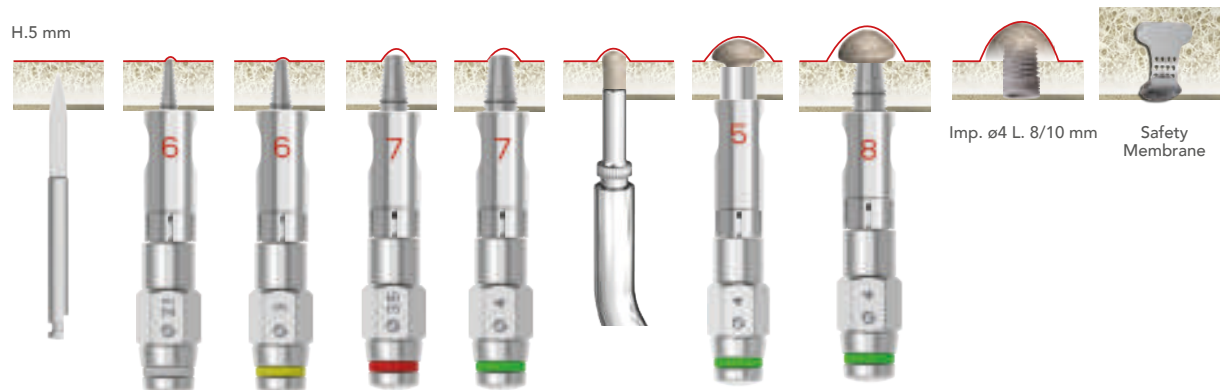
SLIM DRILLING PROCEDURE

SUITABLE FOR USE IN HARD BONE (D1-D2)

SUITABLE FOR USE IN SOFT BONE (D3-D4)



TRANSCRESTAL SINUS LIFT PROCEDURE



SURGICAL KIT COMPONENTS

PUSH SCREW

- It prepares the bone cavity for implant placement.



PUSH PIN

- It pushes the regeneration material inside the bone cavity.



NOVOCOR INJECTOR

- Inject the regeneration material inside the bone cavity.



Available on request
Ref. 0490-1

SAFETY IMPLANT MEMBRANE

- They avoid implant migration into the maxillary sinus, thanks to implant being locked onto the membrane.



00532/10
Complete with
locking screw



00532/1
Complete with
locking screw



00532/2
Complete with
locking screw



LOCKING SCREW
00532SCREW



PHYSIO BRUSHLESS 3000

PHYSIO BRUSHLESS 3000 is the outcome of a 10-year experience in designing and manufacturing electromedical equipment for dental implantology and endodontics. This proven and well-tried technology offers high performance and extremely simple application. It is also equipped with a new-design pedal which is an absolutely new feature.

CHARACTERISTICS

- Min/MAX speed: 3 to 12,500 RPM
- 6 gearing up and down ratios (1:5, 1:1, 16:1, 20:1, 64:1, 70:1).
- 5 memories.
- 24 torque values. MAX value indicates the maximum torque with no limitation.
- 3 pump settings: 60, 80, 110 ml/min.

PHYSIOBRUSHLESS3000



THE CONTRA-ANGLE MUST BE ORDERED SEPARATELY

COMPLETED WITH:

- Central unit.
- Multifunction pedal controls.
- 1 irrigation tube.



1. Program selection.
2. Forward/reverse.
3. Activate the motor with rheostat effect.
4. Turns on peristaltic pump flow.

ACCESSORIES



TRANSPORT CASE

53 x 37 x 13 cm, weight 750 g.
PD106



IRRIGATION TUBE

DE102793216



CONTRA-ANGLE 20.1*

C20

*sold separately



PEDAL CONTROLLER

PD102



MOTOR

MOTORE

SMARTPEG OSSTELL

B&B DENTAL IS NOW PRESENT WITHIN THE CATALOGUE OF OSSTELL DEVICES FOR MEASURING IMPLANT STABILITY.

Osstell patented method is a quick, non-invasive and easy to use system to determine implant stability and assess the osseointegration process in an accurate and objective manner, without compromising the healing process.

This is crucial for the success of any implant treatment. B&B DENTAL features suitable SmartPegs to be used together with Osstell IDx and Osstell ISQ measurement equipment.

These are devices measuring the resonance frequency of the disposable SmartPeg that is inserted in the implant.



Ref.	implant mod.	SmartPeg type
100404	Slim	22
100425	3P -EV -WIDE	26

MEASURING EQUIPMENT SOLD THROUGH OSSTELL (WWW.OSSTELL.COM)

Osstell IDx



05.

DIGITAL WORKFLOW



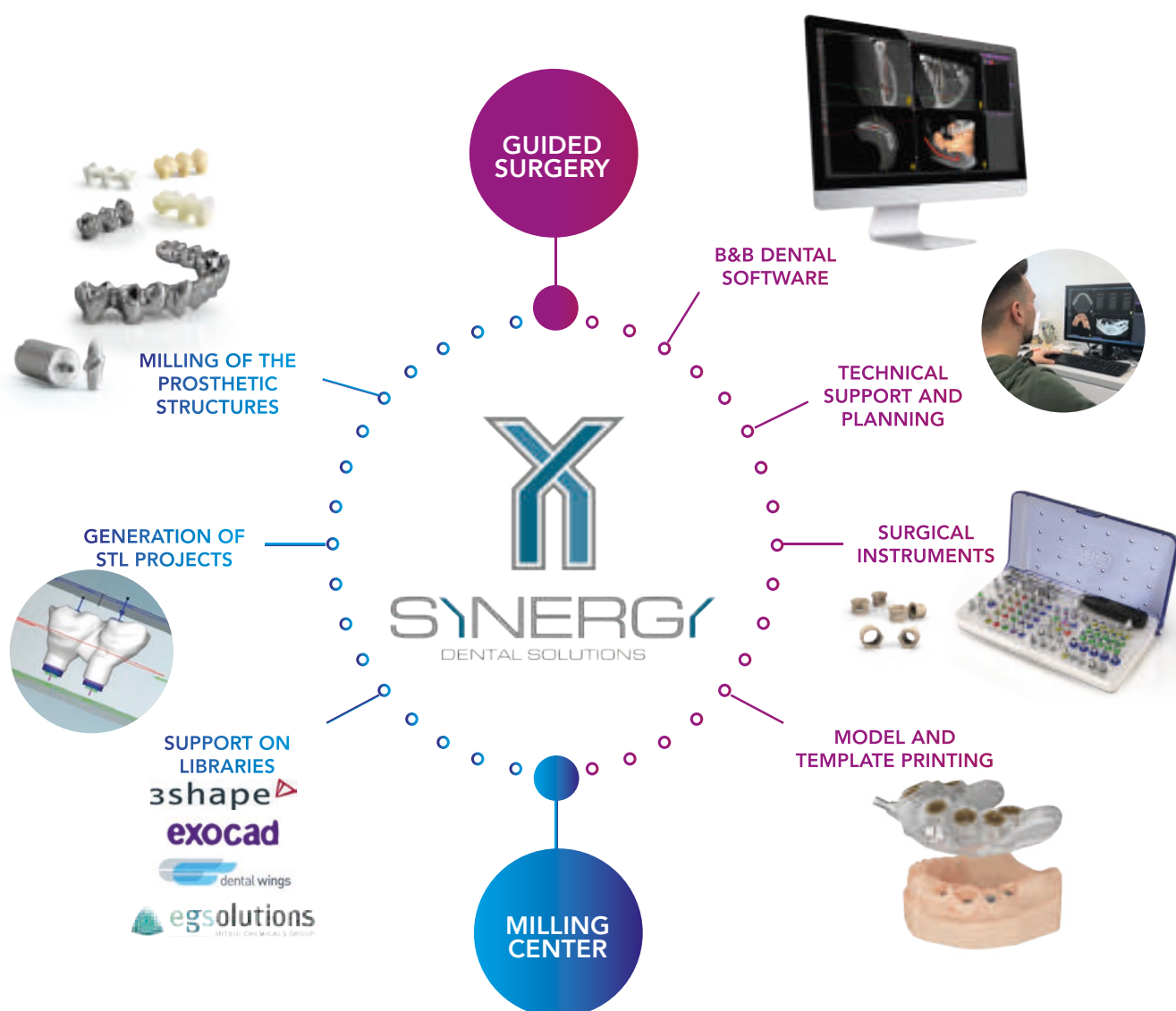
B&B Dental supports you in integrating new technologies into your workflow, giving you step by step procedures from software to prosthesis thanks to two services: one dedicated to guided surgery and one to the milling center.

You will find a specialized team at your disposal, available to answer all questions, clear your doubts and teach you through internal and on-site courses, as well as a 360-degree service built to adapt to the degree of your knowledge and expectations.

SYNERGY

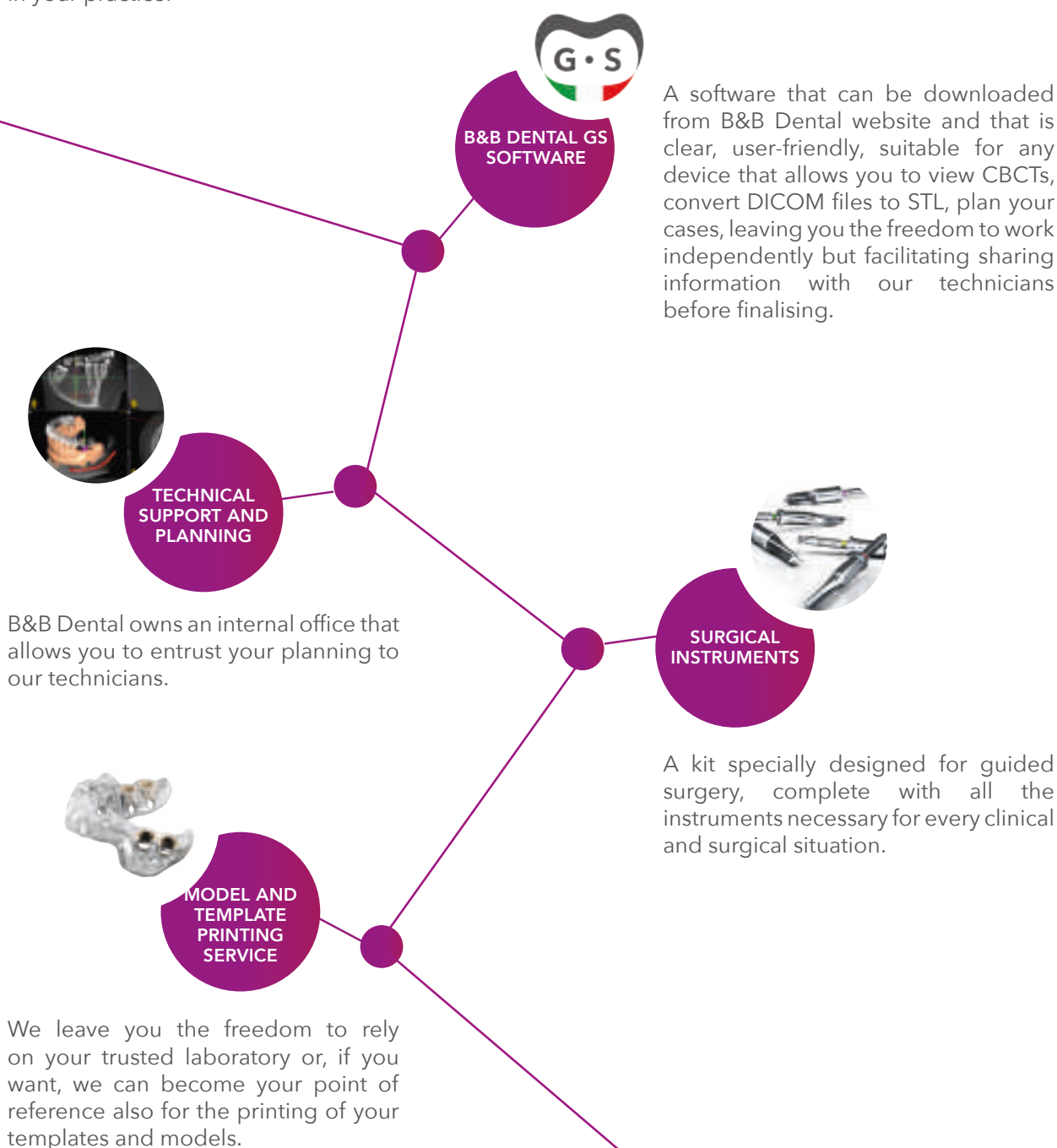
B&B Dental aims at supporting odontologists in all their projects by providing two valuable support services both in the design of surgical templates and in the construction of prosthetic structures. SYNERGY was born from the union between these

two services; it aims at closing the circle between B&B Dental and your practices and laboratories to enable users of all levels to employ the new technologies thanks to a team of specialised technicians and the right tools.



GUIDE YOUR SURGERY TO PERFECTION

The guided surgery service is built around your skills and needs and includes a tailored set of tools and technical support, that improve the way you work and help you implement the digital workflow in your practice.



STRUCTURED TO LAST

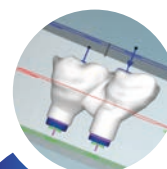
The milling center was established as a reference point for the processing and creation of the structures based on your projects, whether for immediate loading after a guided surgery or in general to create the prosthesis for your patients.

If you are already an experienced user we can provide you with the libraries to work in a total independent way or you can provide us with the STL files for milling purposes.

SUPPORT ON
LIBRARIES



GENERATION OF
STL PROJECTS



We guide you till the end because thanks to the equipment at our center we can prepare the structures according to the purposes and materials you want.

MILLING OF THE
PROSTHETIC
STRUCTURES

Our team is here for you, to help you design your prosthetic structures whether you want to finalise them with us, in collaboration with your laboratory, or directly with your usual laboratory.

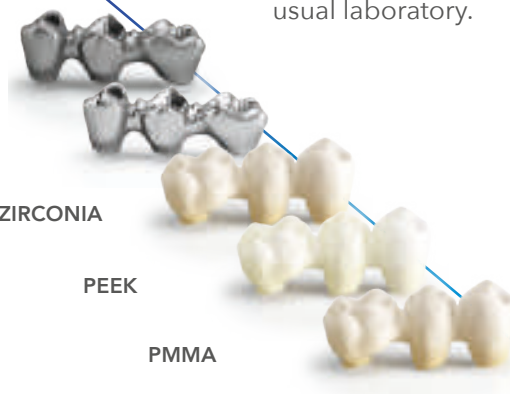
TITANIUM

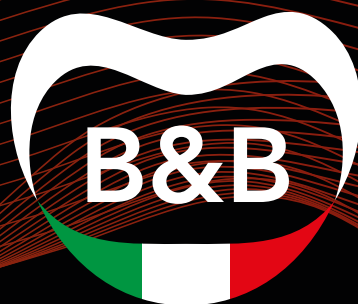
Cr-Co

ZIRCONIA

PEEK

PMMA





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UNI EN ISO 13485

