
PRODUCTS
CATALOGUE
B&B DENTAL
IMPLANT COMPANY


B&B

INDEX

01.

B&B DENTAL

02.

CONEXA IMPLANTS

03.

REDUCED DIAMETER IMPLANTS

04.

MINI IMPLANTS

05.

SURGICAL INSTRUMENTS & KITS

06.

DIGITAL WORKFLOW

01. B&B DENTAL

COMPANY INTRODUCTION

B&B Dental srl is an Italian leading company in the oral implantology sector. It specialises in designing and manufacturing dental implants and bone regeneration materials. The Dura-vit implant line is born out of constant innovation and makes use of excellent raw materials.

Quality and passion are the hallmarks of B&B Dental. The product range is designed by dentists for dentists, in collaboration with our experienced implant engineers.

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, all studied in-depth and tested in house, but we do even more. 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.

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).

QUALITY AND CONTROL

100% of our implants and screws passes strict quality and compliance checks, carried out both by a dedicated and trained team, and sophisticated Zeiss control machines. They promptly intervene in case of deviations compared to set parameters.
The packaging used for our sterile products is realized in-house within our white room, to guarantee cleanliness and hygiene.
Production quality is compliant with the EN ISO 13485 standard.

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.

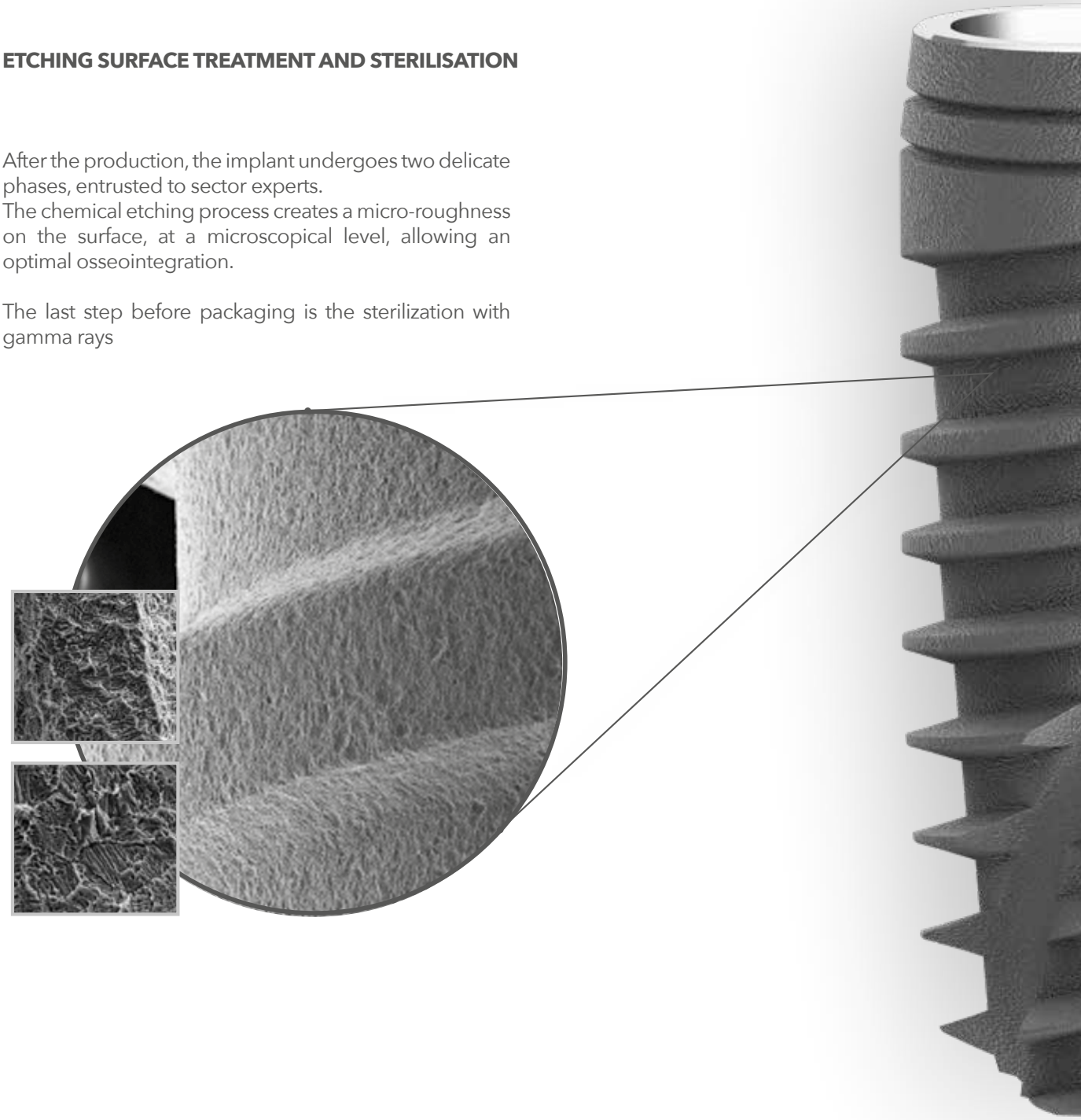
IMPLANT SURFACE

B&B Dental ensures the highest quality of its products, allowing you to work safely and to obtain the best clinical and aesthetical results. The production is entirely made in Italy: this facilitates the accurate management of the production steps, realized both by B&B Dental specialized staff and by its high-tech machinery at its manufacturing location.

ETCHING SURFACE TREATMENT AND STERILISATION

After the production, the implant undergoes two delicate phases, entrusted to sector experts.
The chemical etching process creates a micro-roughness on the surface, at a microscopical level, allowing an optimal osseointegration.

The last step before packaging is the sterilization with gamma rays



B&B DENTAL IMPLANT LINES

Discover all the implant lines of the Dura-vit range and their great potential: a complete system consisting of 6 lines designed to meet any need and two connections that simplify the handling of components in order to work in conditions of absolute safety.

MINI LINE

ø 2,0 - ø 2,4 - ø 2,5 mm
Monophasic implants with reduced diameter to stabilise prosthesis

WIDE LINE

ø 5,5 - 6,0 mm
A larger diameter line for post-extraction sites

PTERYGO LINE

ø 4,7 mm
The solution line for maxillary atrophy

SLIM LINE

ø 3,0 - ø 3,4 mm
The reduced diameter line for sites with lower bone availability

EV LINE

ø 4,0 - ø 4,5 - ø 5,0 mm
The line with aggressive thread for spongy bone (D3-D4), offering maximum primary stability

3P LINE

ø 3,5 - ø 4,0 - ø 4,5 - ø 5,0 mm
The line with gentle thread suitable for compact bone (D1-D2) and for sites adjacent to maxillary sinus

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.

EV
4.0 x 12

RED LABEL
Line name, diameter, length

Titanium cover screw

PEEK transmucosal screw

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.

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.

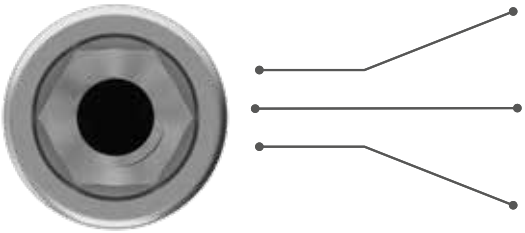
ADDITIONAL LABELS
Useful to be applied on patient's file and documents to ensure the traceability of every implant.

DESCRIPTION OF SYMBOLS

	Expiry date	REF	Product code	LOT	Batch number
STERILE R	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

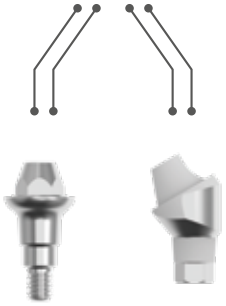


TRANSFERS
Finger force

PASSING SCREW ABUTMENTS
titanium, peek, Ti-links, Ti-bases, abutments from premilled
25 Ncm

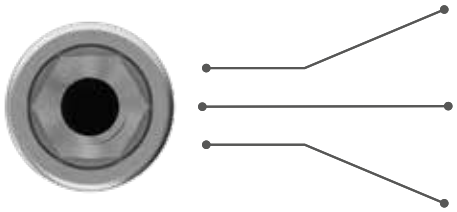
PILLARS
MUA, spherical, flat, equator
25 Ncm

ABUTMENTS FOR MUA
titanium, castable,Ti-link
15 Ncm



ABUTMENTS FOR FLAT
titanium, castable,Ti-link
20 Ncm

SLIM LINE -SLIM DURA-VIT CONNECTION



TRANSFERS
Finger force

PASSING SCREW ABUTMENTS
titanium, peek, Ti-links, Ti-bases, abutments from premilled
20 Ncm

PILLARS
spherical, flat, equator
20 Ncm

ABUTMENTS FOR FLAT
titanium, castable,Ti-link
15 Ncm

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

RATCHET AND MANUAL DRIVERS FOR IMPLANTS -

MINI LINE MINI LINE CONNECTION

MAXIMUM 50 Ncm

CONEXA IMPLANTS

Implant of lines 3P, EV, Wide and Pterygo are equipped with a single connection called CONEXA. This taper connection prevents rotation and ensures high resistance to torsional loads thanks to the internal hexagon. In addition, the elimination of possible micro-movements through cold welding ensures the stability of hard and soft tissues, prosthetic components and their surrounding tissues while respecting the biological width. CONEXA connection is common to all lines and diameters, making it easier to choose transfers and abutments. Furthermore, surgical instruments are differentiated and colour-coded, making the choice intuitive and quick, while offering the highest degree of ergonomics and simplicity.

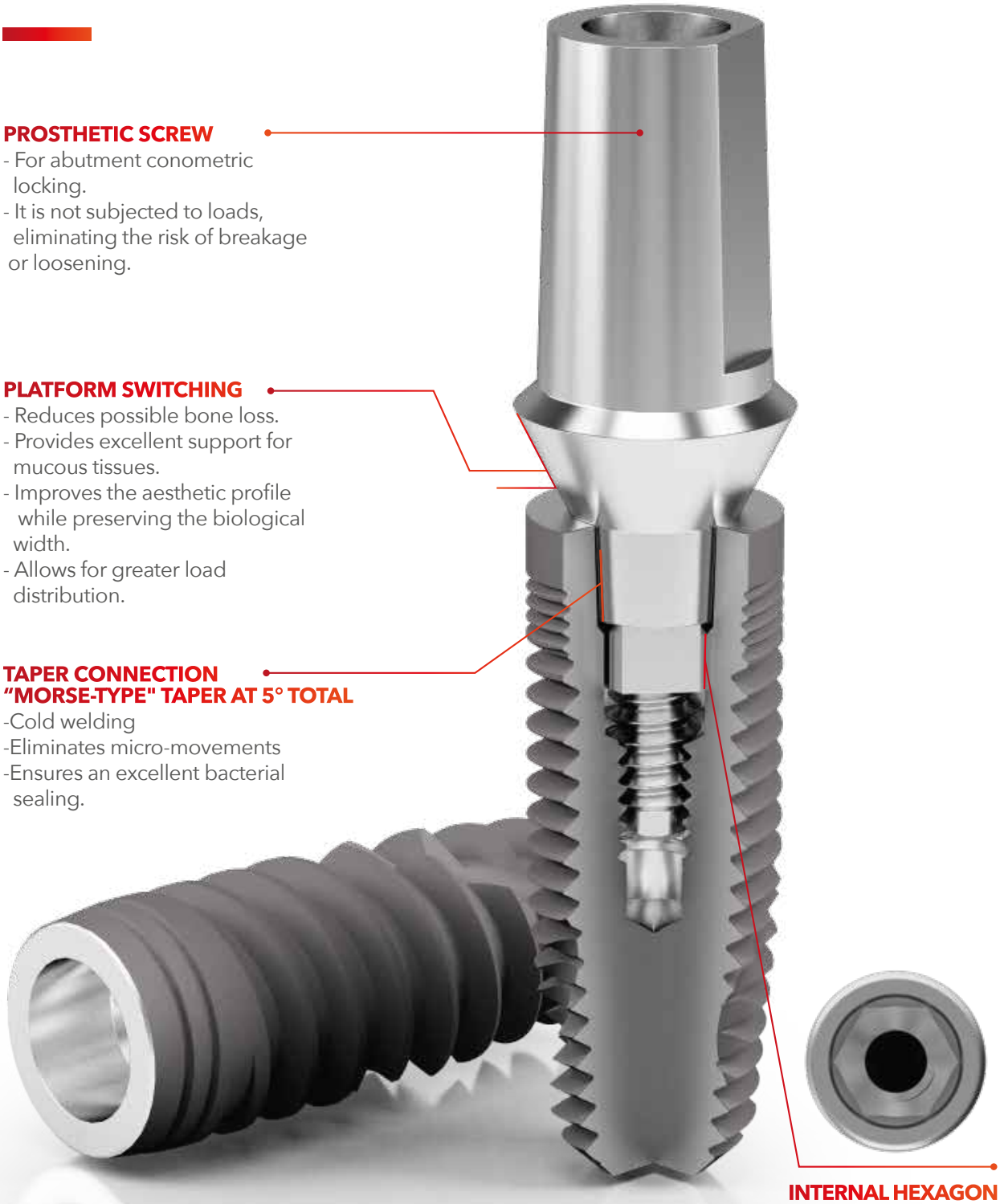
02.
CONEXA IMPLANTS

CONEXA CONNECTION

PROSTHETIC SCREW
- For abutment conometric locking.
- It is not subjected to loads, eliminating the risk of breakage or loosening.

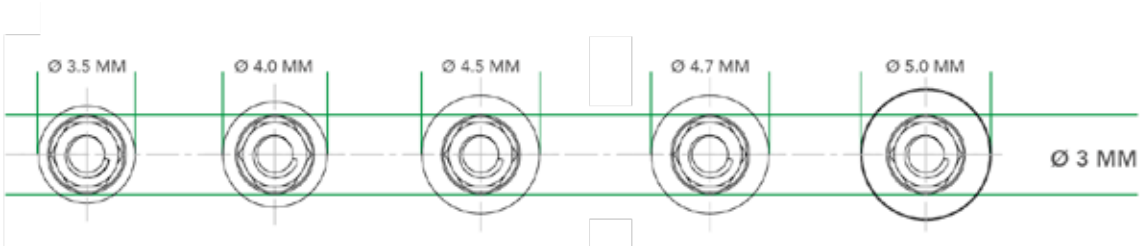
PLATFORM SWITCHING
- Reduces possible bone loss.
- Provides excellent support for mucous tissues.
- Improves the aesthetic profile while preserving the biological width.
- Allows for greater load distribution.

TAPER CONNECTION "MORSE-TYPE" TAPER AT 5° TOTAL
-Cold welding
-Eliminates micro-movements
-Ensures an excellent bacterial sealing.



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.

LOW EXTRACTOR KEY
INN-6161S

SHORT EXTRACTOR KEY
INN-6161

LONG EXTRACTOR KEY
INN-6161L

EXTRACTOR SCREW
INN-6060

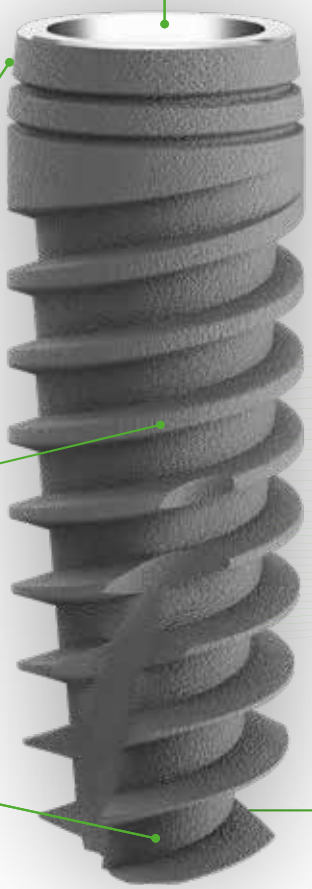
DURA-VIT CONEXA IMPLANTS

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

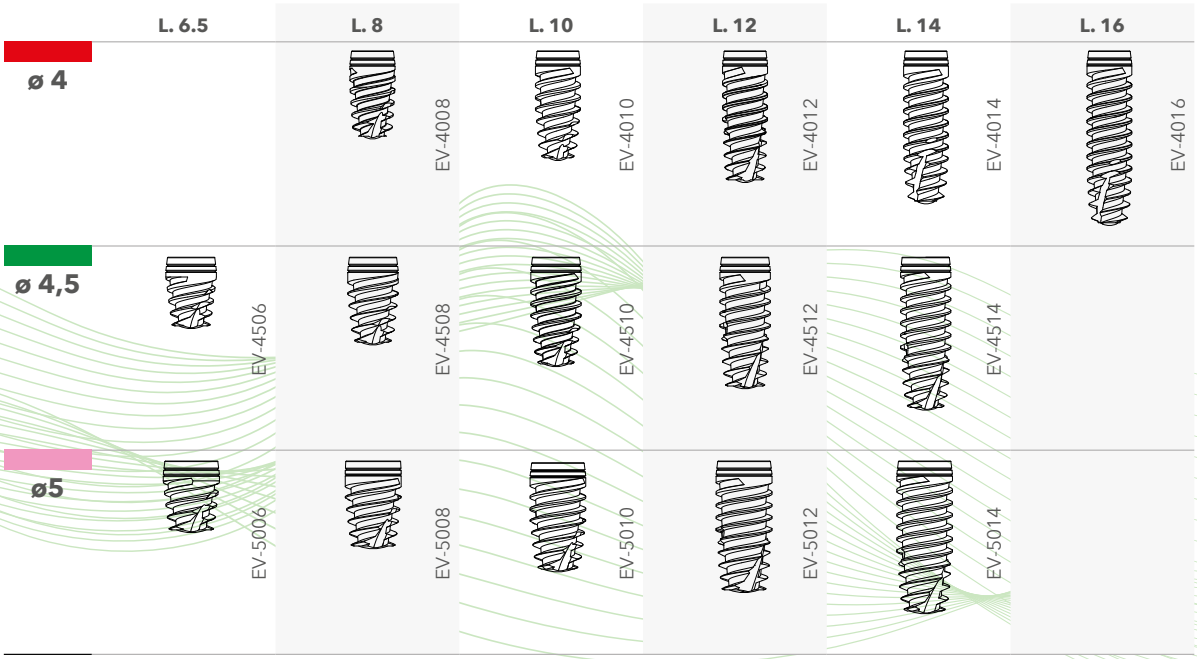


EVOLINE

PROPERTIES

- Ideal in spongy bone (D3-D4).
- Allows condensation.
- Ideal in post-extraction sites.
- Grade 4 Titanium.

EV • LINE



COLOUR CODING OF INTERNAL TUBE IMPLANTS AND TOOLS

EV LINE colour code	Ø 4,0	Ø 4,5	Ø 5,0
Final drill diameter D3 - D4 bone	Ø 3,5	Ø 4,0	Ø 4,5
Final drill diameter D1 - D2 bone	Ø 4,0	Ø 4,5	Ø 5,0

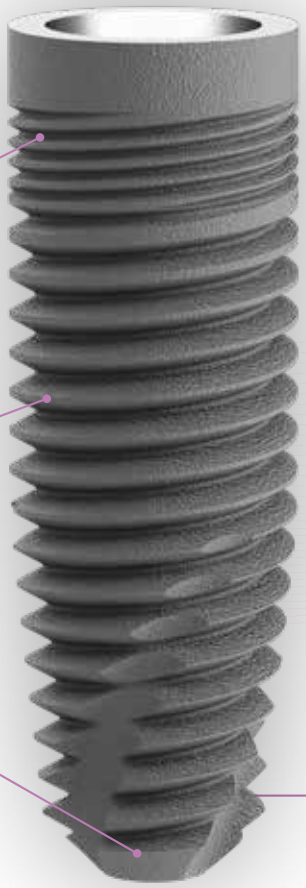
DURA-VIT CONEXA IMPLANTS

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

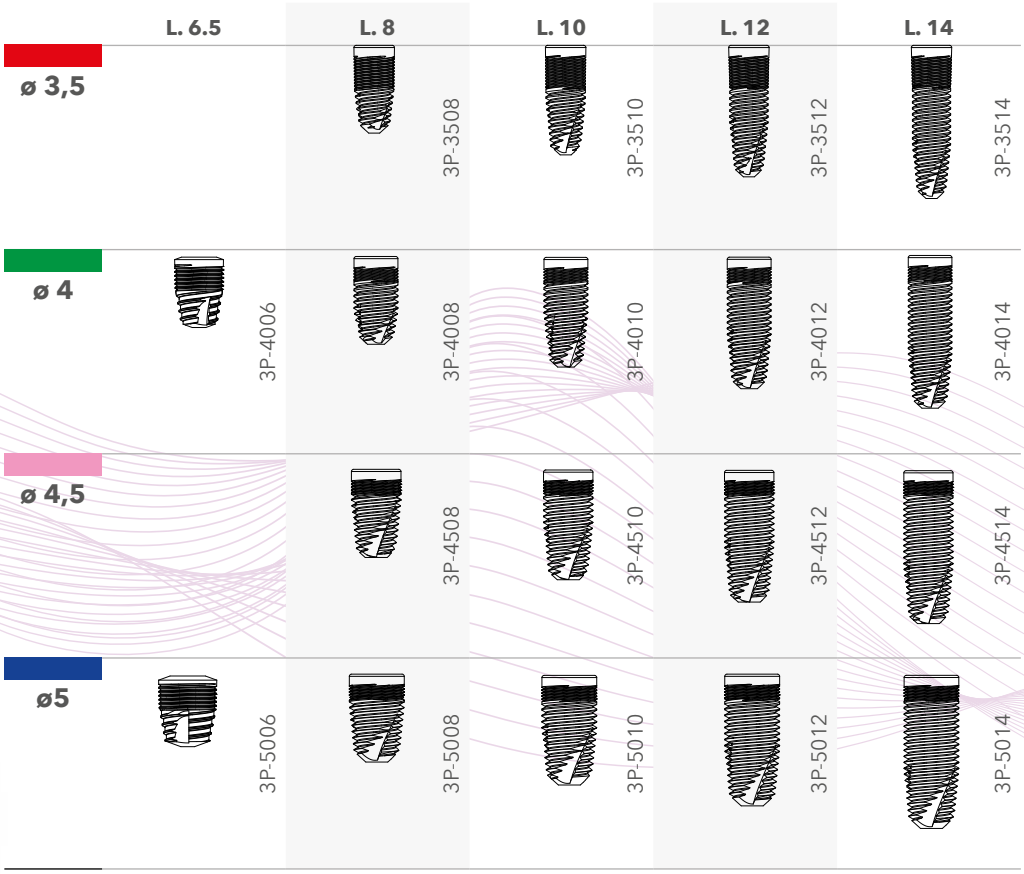
"BONE-FRIENDLY" TIP
- The rounded shape helps lifting the maxillary sinus membrane
- Reduces the risk of perforation



PROPERTIES

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

3P • LINE



COLOUR CODING OF INTERNAL TUBE IMPLANTS AND TOOLS

3P LINE colour code	Ø 3,5	Ø 4,0	Ø 4,5	Ø 5,0
Final drill diameter D1 - D2 bone	Ø 3,5	Ø 4,0	Ø 4,5	Ø 5,0
Final countersink diameter D1-D2 bone	Ø 3,5/4	Ø 3,5/4	Ø 4,5/5	Ø 4,5/5
Final compactor diameter D3 - D4 bone	Ø 3,5	Ø 4,0	Ø 4,5	Ø 5,0

DURA-VIT CONEXA IMPLANTS

WIDE LINE

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

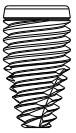
TRIPLE-THREAD SPIRAL
- 60° bevelled profile threading
- Increases mating surface with bone to ensure less invasive procedures
- Improves osseointegration

"BONE-FRIENDLY" TIP
- The rounded shape helps lifting the maxillary sinus membrane
- Reduces the risk of perforation

PROPERTIES

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

WIDE • LINE

	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

COLOUR CODING OF INTERNAL TUBE IMPLANTS AND TOOLS

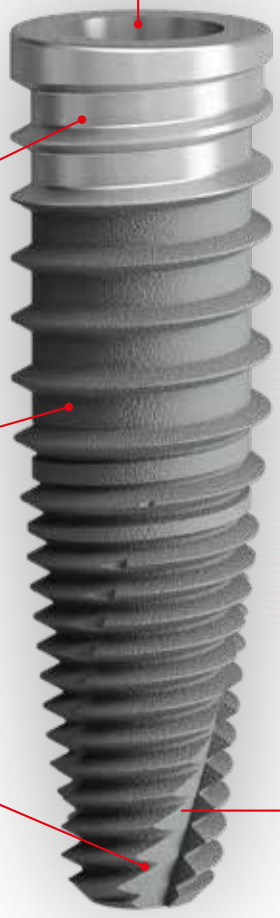
WIDE LINE colour code	 Ø 5,5	 Ø 6,0
Final drill diameter	Ø 5,5	Ø 6,0

DURA-VIT CONEXA IMPLANTS

PTERYGO LINE

MORSE TAPER & INTERNAL HEXAGON
• Precise positioning of prosthetic components
• Increased contact area between implant surface and abutment
• High stability

COLLAR WITH MACHINED SURFACE
• Maximum cleanability



MODULAR THREADS AND GRADUAL TAPERING
• Threads suitable for different bone densities
• Ideal for easy insertion along the entire length of the implant

"BONE FRIENDLY" APEX
• The rounded shape helps lifting the maxillary sinus membrane
Reduces the risk of perforation

PROPERTIES

• Specific implant design for insertion in the pterygoid region
• Maximises bone preservation and
• Minimises instances of required bone grafting or sinus lifting
• Grade 4 Titanium.

PTERYGO • LINE

	L. 16	L. 18
ø 4,7	 PTI-4716	 PTI-4718

COLOUR CODING OF INTERNAL TUBE IMPLANTS AND TOOLS

PTERYGO LINE colour code	 Ø 4,7
Final drill diameter	Ø 4,7

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 each implant packaging.**

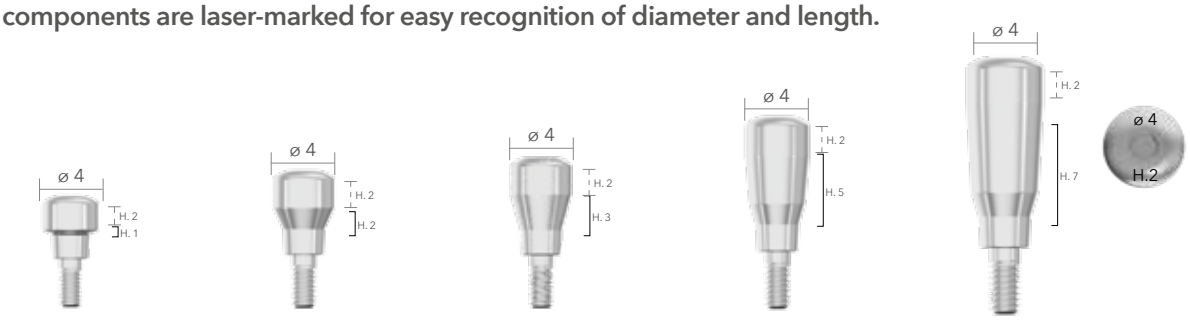
TIGHTENING:
Recommended tightening: max 10 Ncm.

HEALING SCREW (grade 5 Titanium)

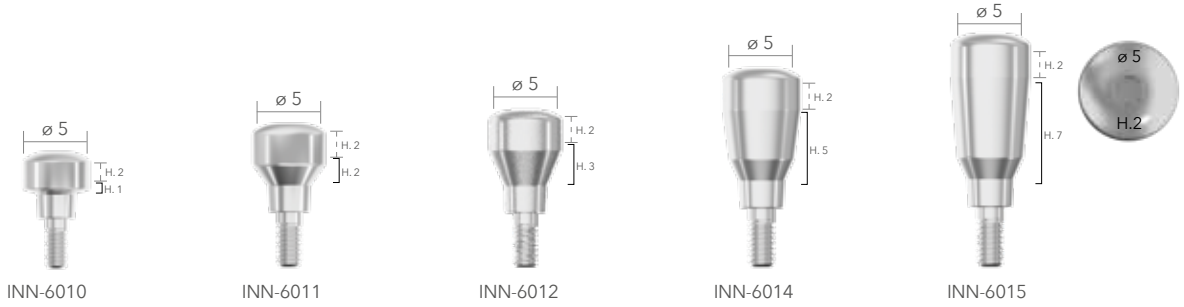
It is used for mucosal healing and conditioning in case of gum reopening, duly adapted by means of suture. These components are used to rehabilitate soft tissues above the implant so that the final prosthetic abutment can be placed. It can be used for surgery in one or two sessions.

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

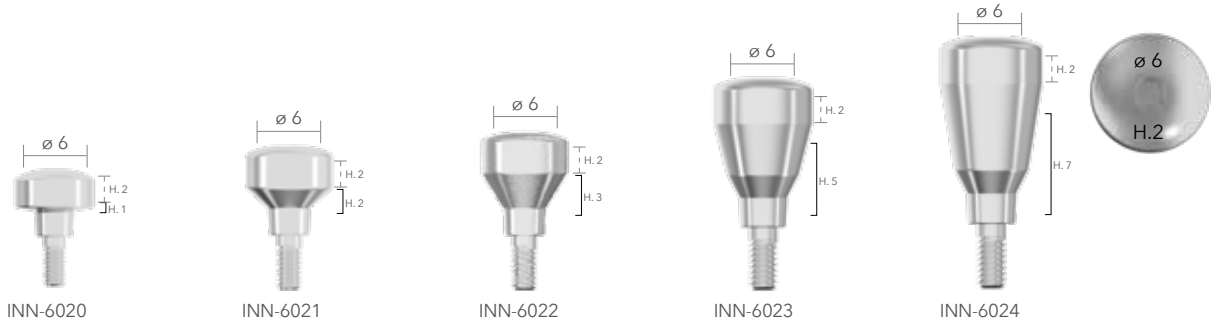
DIAMETER 4



DIAMETER 5



DIAMETER 6



TIGHTENING: Recommended tightening: max 20 Ncm.

COMPONENTS FOR IMPRESSIONS

PULL-OFF TRANSFERS

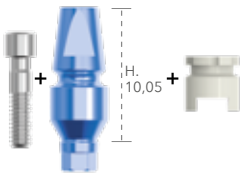
To be used with standard tray holder, with closed-tray technique, they are press-fitted.
For this type of transfer, it is important to use tear-resistant materials.

TRANSFER
3 pcs pack
INN-00306

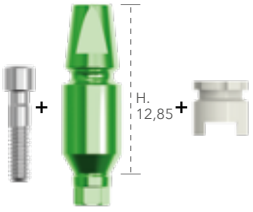
FACILITY TRANSFERS

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



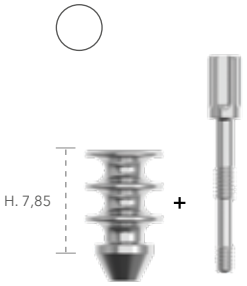
SHORT SET
Short metal transfer with plastic cap
INN-00506
This code includes a transfer screw INN-6050



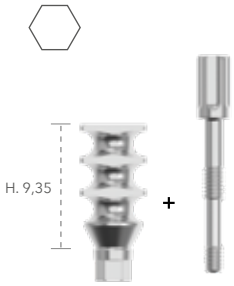
LONG SET
Long metal transfer with plastic cap
INN-00506L
This code includes a transfer screw INN-6050

PICK-UP TRANSFERS

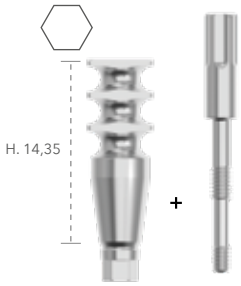
To be used with open tray holder, with open spoon technique, by screwing the transfer inside the implant it will be possible to obtain a clear positioning in the impression.



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

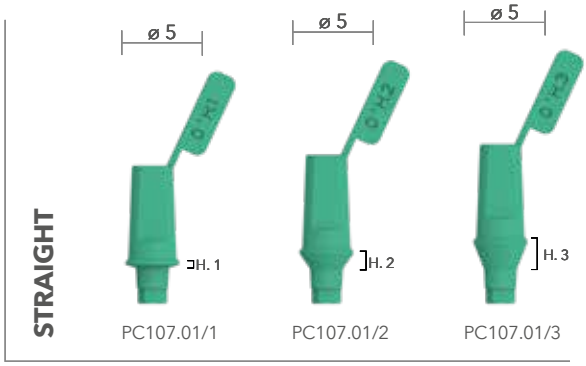
TEMPORARY PROSTHETIC COMPONENTS

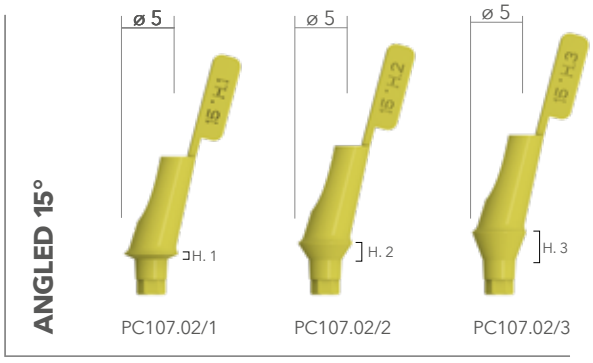
TRY-INN ABUTMENTS KIT

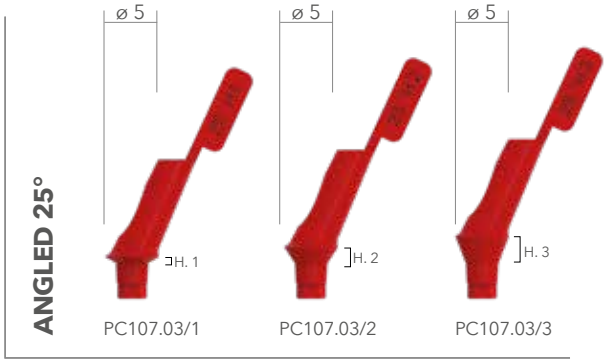
Try-Inn abutments Kit helps dental technicians in selecting the most appropriate titanium abutment, depending on inclination and transmucosal height of the implant that was inserted.

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 ø 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: Recommended tightening 25 Ncm. Check tightening torques and procedures on pages 11-12.

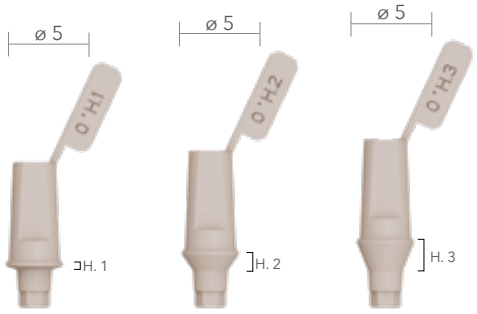
PEEK KIT

000.08
The kit includes 3 pieces of every code

INN-6050

This code includes screw INN-6050

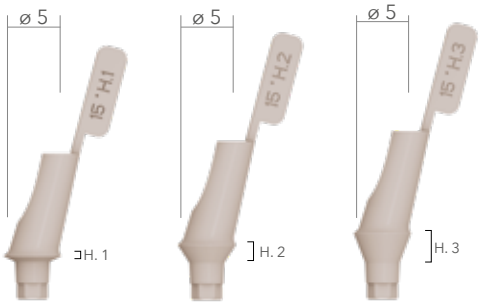
STRAIGHT



FV107.04/1 FV107.04/2 FV107.04/3

This code includes screw INN-6050

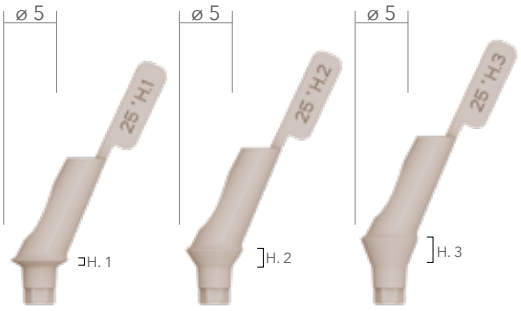
ANGLED 15°



FV107.05/1 FV107.05/2 FV107.05/3

This code includes screw INN-6050

ANGLED 25°

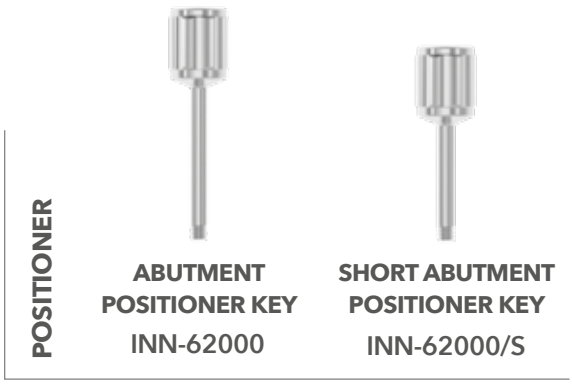


FV107.06/1 FV107.06/2 FV107.06/3

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

ABUTMENTS POSITIONER

The positioner is used to bring the abutment into place easily. It is necessary to disassemble the positioner before proceeding with the insertion of the prosthetic screw.



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

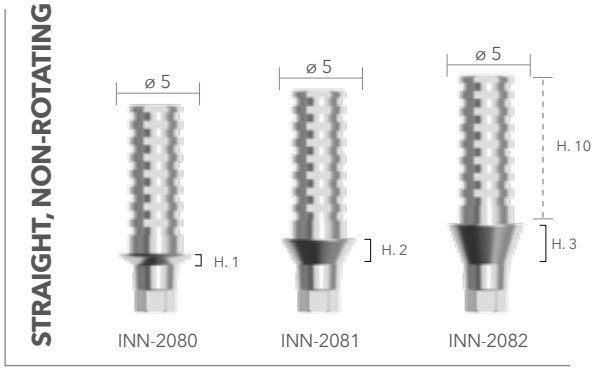
These abutments have a taper coupling.

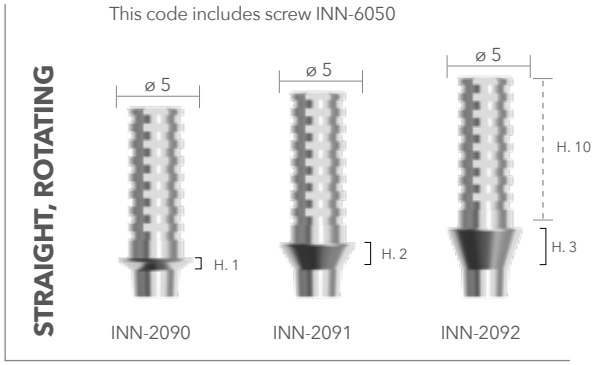
CHARACTERISTICS

-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.





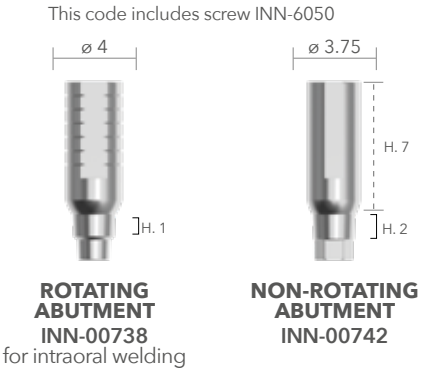
ABUTMENTS WITHOUT SHOULDER

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



DEFINITIVE PROSTHETIC COMPONENTS

UCLA ABUTMENTS

UCLA abutments can be used for:
-Over structures.
-Cemented prosthesis.
-Screw-retained prosthesis.

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

INN-6050

IMPORTANT NOTE

-Use the castable abutment only in case of extreme divergent conditions.

TIGHTENING: Recommended tightening : 25 Ncm. Check tightening torques and procedures on pages 11- 12.

STRAIGHT TITANIUM ABUTMENTS

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

These abutments have a taper coupling.

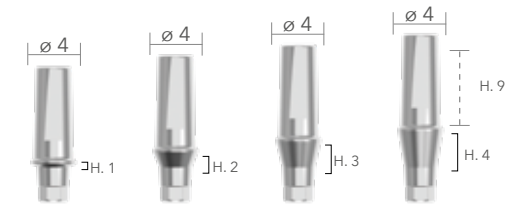
CHARACTERISTICS

-Reduced need for 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.

4 mm DIAMETER

This code includes screw INN-6050

STRAIGHT

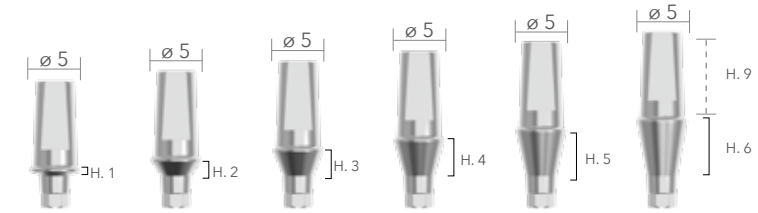


INN-2100 INN-2101 INN-2102 INN-2104

5 mm DIAMETER

This code includes screw INN-6050

STRAIGHT

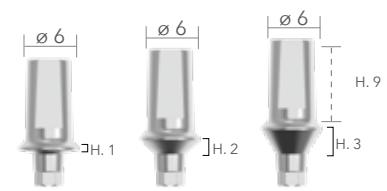


INN-2000 INN-2001 INN-2002 INN-2004 INN-2005 INN-2006

6 mm DIAMETER

This code includes screw INN-6050

STRAIGHT



INN-2030 INN-2031 INN-2032

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.

INN-6050

TIGHTENING: Recommended tightening: 25 Ncm. Check tightening torques and procedures on pages 11-12.

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.

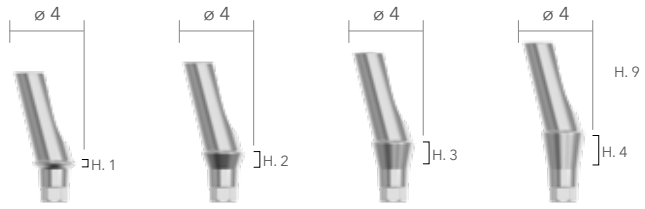
IMPORTANT NOTE

-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

This code includes screw INN-6050

ANGLED 15°

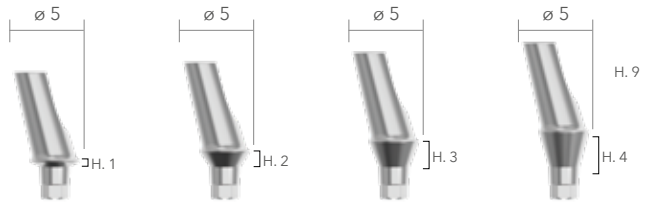


INN-2110 | INN-2111 | INN-2112 | INN-2114

5 mm DIAMETER

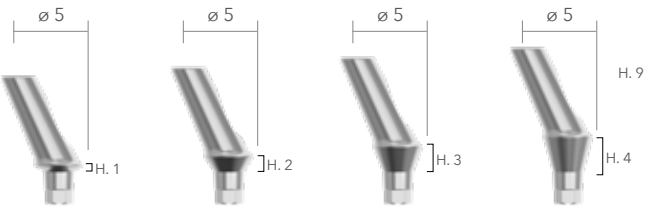
This code includes screw INN-6050

ANGLED 15°



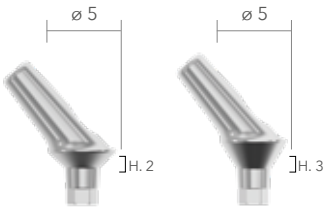
INN-2015 | INN-2016 | INN-2017 | INN-2018

ANGLED 25°



INN-2025 | INN-2026 | INN-2027 | INN-2028

ANGLED 40°

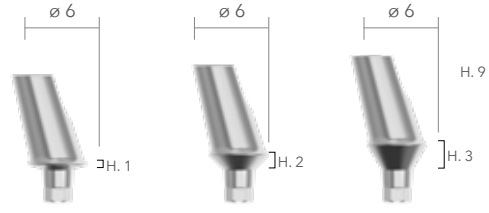


PT-2040/2 | PT-2040/3

6 mm DIAMETER

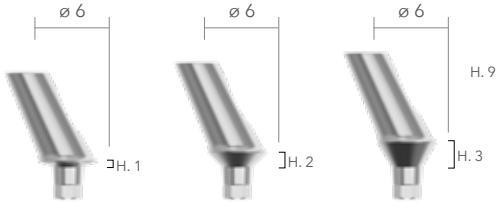
This code includes screw INN-6050

ANGLED 15°



INN-2065 | INN-2066 | INN-2067

ANGLED 25°

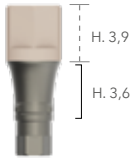


INN-2075 | INN-2076 | INN-2077

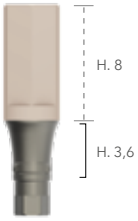
SCAN COMPONENTS

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.

This code includes screw INN-6050



SHORT SCANBODY
INN-SCAN-3-NR-S



LONG SCANBODY
INN-SCAN-3-NR

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

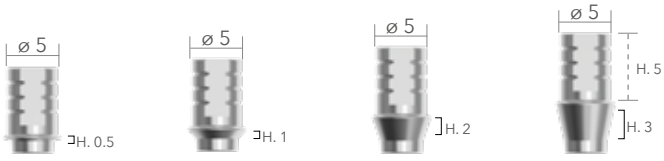
TI LINK 3P/EV/WIDE

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

These abutments have a taper coupling.

ROTATING BASE

This code includes screw INN-6050



INN-00651/0.5 | INN-00651 | INN-00651/2 | INN-00651/3

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.

CASTABLE CYLINDER

INN-0430

INN-6050

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.

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

3D ANALOGUES

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

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

TI BASE CEREC (L LINE)

They are titanium components used for cemented prosthesis and tightened using digital technologies.
These abutments have a taper coupling.

This code includes screw INN-6050

INN-00655

INN-00655/2

INN-00655/3

CHARACTERISTICS

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

NOTE:

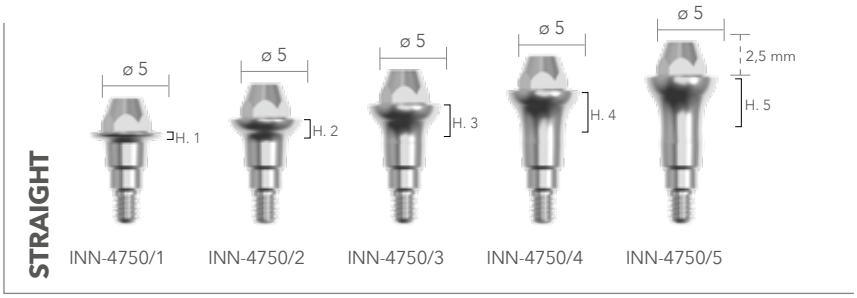
Scanbody items are placed on ScanPost and TiBase for implant data optical acquisition. The grey cap is used with the omnicam system. The white cap is used with the bluecam system. Two connections are available:
- S - compatible for SLIM (code: 6431295 -6431311)
- L - compatible for conexa line (code: 6431303 - 6431329)

TIGHTENING:
Recommended tightening: 25 Ncm. Check tightening torques and procedures on pages 11-12.

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).

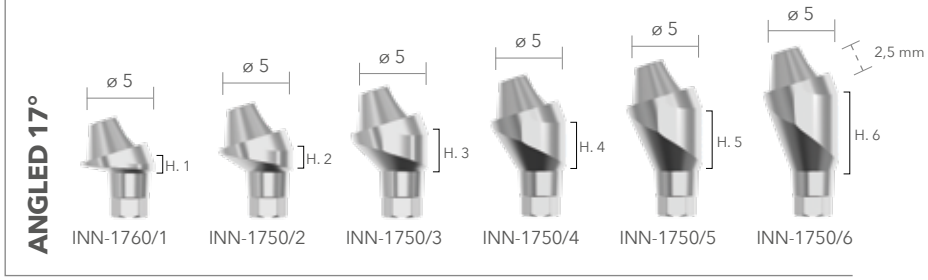


ANGLED MULTI-USE ABUTMENTS

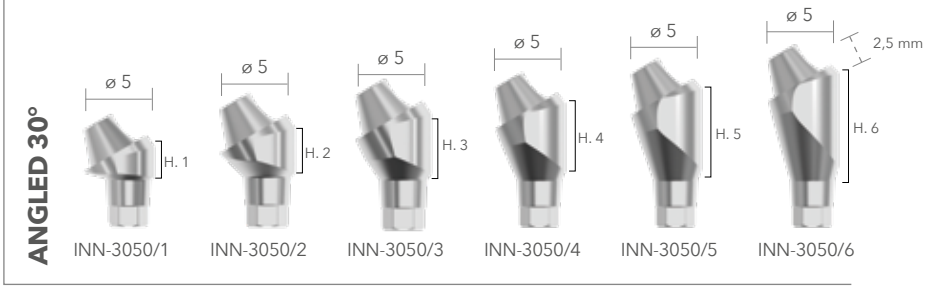
Angled multi-use abutments at 17 and 30 degrees help achieving parallelism in case of implants having a different inclination. Easy connection to the implant using a preassembled transfer (Ref. 023MUA). Then, they are fastened by a prosthetic screw.

TIGHTENING: Recommended tightening : 25 Ncm. Check tightening torques and procedures on pages 11- 12

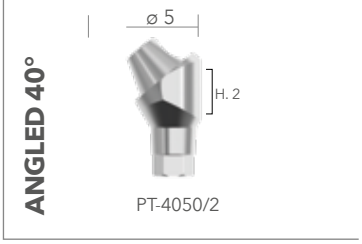
This code includes screw INN-5146



This code includes screw INN-5146



This code includes screw INN-5146

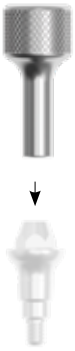


INN-5146

MUA TOOLS

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

BONE REAMER
GD-BM



O-BALL AND STRAIGHT MUA MANUAL DRIVER
00440M

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

ANGLED MEASUREMENT TOOL FOR MUA
024-MUA

MUA HOLDER
023-MUA

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.

ALL ON FOUR GUIDE ARCH
INN-3017

HEALING SCREWS

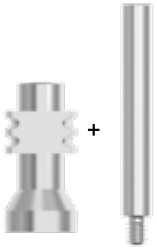
It is used in the patient's healing phase to protect the MUA abutment until prosthesis application.

HEALING CAP SCREW
INN-6030

TRANSFERS

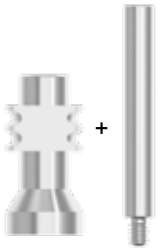
The transfer is screwed onto the MUA for precise position adjustment during the impression taking step.

CLOSED TRAY TRANSFER
INN-00611



OPEN TRAY TRANSFER

INN-00610
This code includes screw INN-00612

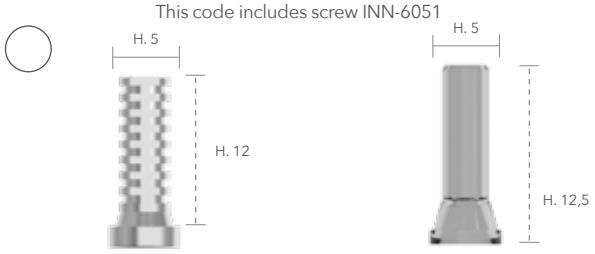


NON-ROTATING OPEN TRAY TRANFER
INN-005001
This code includes screw INN-00612

ABUTMENTS FOR MUA

These abutments must be fixed onto the MUAs to build structures.
They are available in two versions:
- rotating
- non-rotating

This code includes screw INN-6051

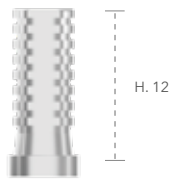


TEMPORARY ABUTMENT
INN-5144

CASTABLE ABUTMENT
INN-5145

The non-rotating abutment can be used in single solutions

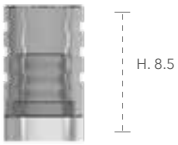
This code includes screw INN-6051



NON- ROTATING MUA TEMPORARY ABUTMENT
PVF301

UCLA FOR MUA

Castable abutment with cobalt chrome base.
This abutment should be placed over both straight and angled MUAs



This code includes screw INN-6051
MUA CHROME COBALT UCLA ABUTMENT + SCREW
INN-6048

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

NON-ROTATING MUA ANALOG
INN-00586/NR

TIGHTENING: Recommended tightening: 15 Ncm. check tightening torques and procedures on pages 11- 12 .

INN-6051

This code includes screw INN-6051

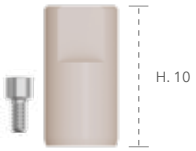
MUA DIGITAL TOOLS

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.

This code includes screw INN-6051



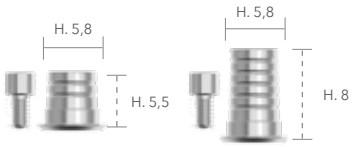
NON-ROTATING MUA SCAN
SCAN-MUA

NON-ROTATING MUA SCAN
SCAN-MUA-S

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.

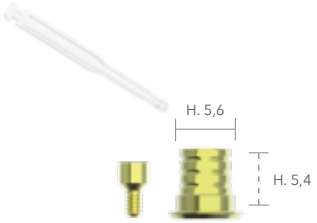
This code includes screw 3D-14



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

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

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.

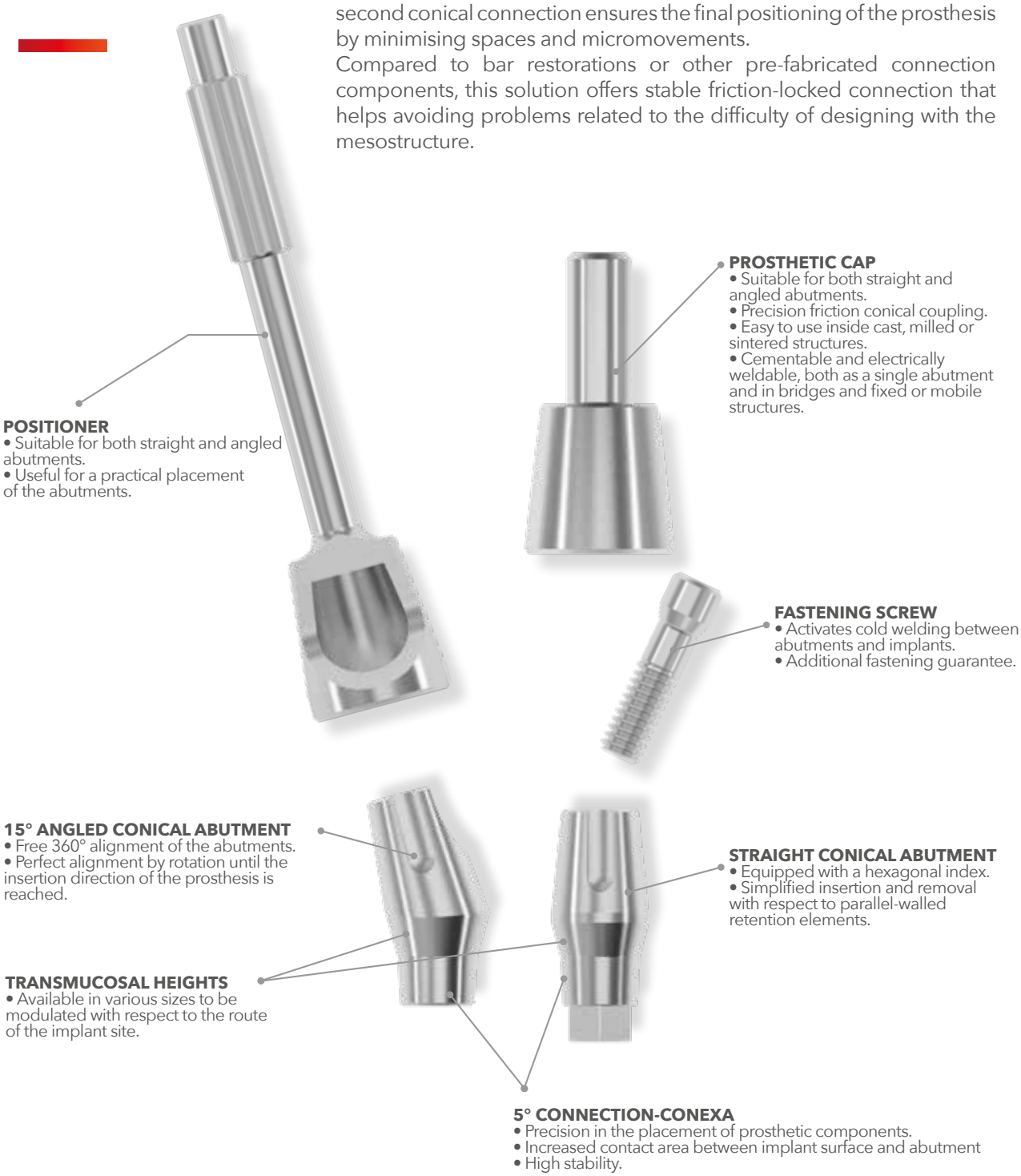
MUA 3D ANALOG
3D-00586
This code includes screw 3D-02

IMPORTANT NOTE

To use these components it is necessary to have the B&B Dental libraries. You will find the software libraries in the "download" section of our site. Contact us for further support.

CONICAL SYSTEM

The conical system transfers the clinically proven stability of the taper abutment connection to the abutment-prosthesis connection. This second conical connection ensures the final positioning of the prosthesis by minimising spaces and micromovements.
Compared to bar restorations or other pre-fabricated connection components, this solution offers stable friction-locked connection that helps avoiding problems related to the difficulty of designing with the mesostructure.



POSITIONER
• Suitable for both straight and angled abutments.
• Useful for a practical placement of the abutments.

PROSTHETIC CAP
• Suitable for both straight and angled abutments.
• Precision friction conical coupling.
• Easy to use inside cast, milled or sintered structures.
• Cementable and electrically weldable, both as a single abutment and in bridges and fixed or mobile structures.

FASTENING SCREW
• Activates cold welding between abutments and implants.
• Additional fastening guarantee.

15° ANGLED CONICAL ABUTMENT
• Free 360° alignment of the abutments.
• Perfect alignment by rotation until the insertion direction of the prosthesis is reached.

STRAIGHT CONICAL ABUTMENT
• Equipped with a hexagonal index.
• Simplified insertion and removal with respect to parallel-walled retention elements.

TRANSMUCOSAL HEIGHTS
• Available in various sizes to be modulated with respect to the route of the implant site.

5° CONNECTION-CONEXA
• Precision in the placement of prosthetic components.
• Increased contact area between implant surface and abutment
• High stability.

IMPORTANT NOTE

The recommended clamping torque is 15Ncm.

Use the screwdrivers or the extraction screw to disengage the abutments.

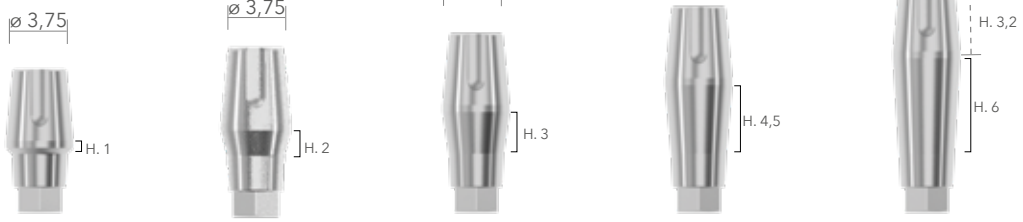
CONICAL ABUTMENTS

Conical abutments provide a stable connection for quick and economical rehabilitation with immediate-load prostheses.For delayed loads these abutments can be used as prefabricated retention elements. The angles of the abutments in the line allow better parallelisation while the intra oral gluing guarantees passive positioning of the prosthesis.

FEATURES

- Usable for fixed and removable prosthesis.
- Maximum possible reduction in the size of the prosthetic body to facilitate cleaning and comfort.
- Immediate restoration in 2 hours with existing prosthesis.
- Long-term stability for hard and soft tissues.
- The abutments go in tapered pair with the CONEXA line implants, for disengagement use the screws or the extractor screwdrivers.

STRAIGHT - NON-ROTATING



INN-2701* | INN-2701* | INN-2703* | INN-2704* | INN-2706*

ANGLED 15° - ROTATING

INN-2715/1* | INN-2715/1* | INN-2715/3* | INN-2715/4* | INN-2715/6

*This code includes screw INN-5146

COMPONENTS AND ACCESSORIES

The conical abutments are equipped with a dedicated component allowing simplified positioning in the mouth and practical taking of the impression. The prosthetic cap can be used for both fixed and removable prostheses and is equipped with a plug allowing electro-welding. The analogue reproduces the geometries of both straight and angled abutments. All components are compatible with B&B Dental prosthetic screwdrivers.

CONICAL ABUTEMENT CUP
INN-2700

CONICAL CUP FOR IMPRESSION
INN-2698

CONICAL ANALOGUE
INN-2695

CONICAL CUP FOR PARALLELISM
INN-2699

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 not 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

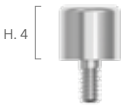
FLAT
INN-00669

FLAT
INN-00669/3

FLAT
INN-00669/4

HEALING SCREW

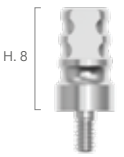
It is used for mucosal healing and conditioning, on top of FLATs. These components are used to rehabilitate soft tissues above the implant so that the final prosthetic abutment can be placed.



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

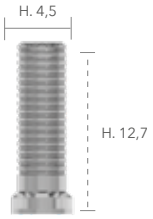
ANALOGUES

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 fitted onto the FLATs to create prosthetic crowns.



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

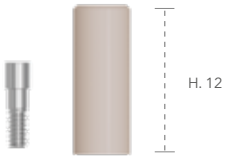
TITANIUM ABUTMENT
INN-00687/1
This code includes screw INN-00690

FLAT DIGITAL TOOLS

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

SCAN FOR FLAT

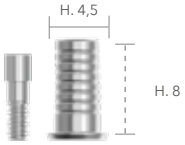
The FLAT scan is a rotating tool to take impressions by means of intraoral or laboratory scanners .



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

TI LINK BASES FOR FLAT

FLAT bases are useful for anchoring prosthetic crowns on top of FLATs. This solution does not feature a geometric index.

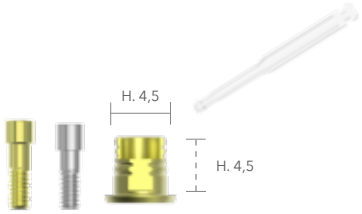


FLAT BASE
3D-00687/2
This code includes screw INN-00690

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:

Recommended tightening: 20 Ncm. Check tightening torques and procedures on pages 11-12.

IMPORTANT NOTE

To use these components it is necessary to have the B&B Dental libraries. You will find the software libraries in the "download" section of our site. Contact us for further support.

SPHERICAL ANCHORING SYSTEM

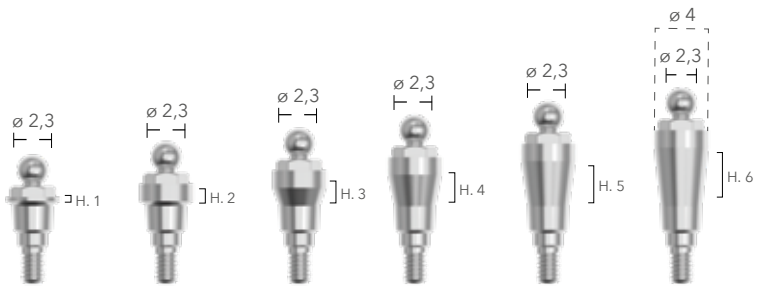
SPHERICAL ABUTMENTS

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.

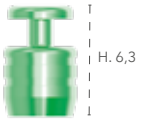
SPHERICAL ABUTMENTS Ø 2,3



INN-1060 INN-1061 INN-1062 INN-1064 INN-1065 INN-1066

ACCESSORIES FOR IMPRESSION AND LAB

O-BALL ANALOG
INN-00623



TRANSFER
INN-00625

Ø 2.3 PLASTIC CAPS AND METAL HOUSINGS

NOTE: The metal housing contains the plastic cap.

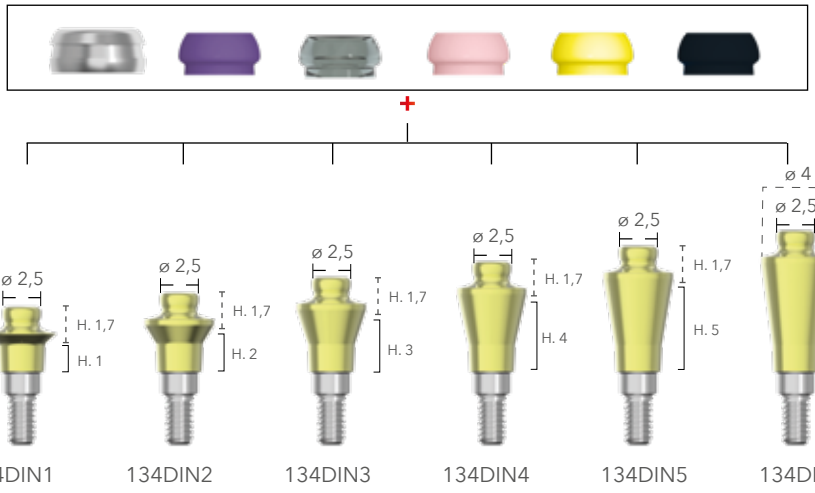
SOFT INN-00629/1
MEDIUM INN-00629
HARD INN-00629/3

SOFT INN-00630/S
MEDIUM INN-00630
HARD INN-00630/H

Ø 2.3 PLASTIC CAPS ONLY

6 pieces per package

OT EQUATOR

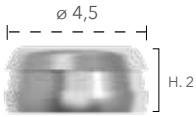


COMPLETE SET

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

SMART BOX HOUSING WITH BLACK POSITIONING CAP
330SBE



S/STEEL HOUSINGS
141CAE (2 pieces)

VIOLET CAPS
(STRONG RETENTION)
140CEV (4 pieces)

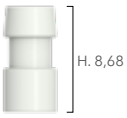
WHITE CAPS
(STANDARD RETENTION)
140CET (4 pieces)

PINK CAPS
(SOFT RETENTION)
140CER (4 pieces)

YELLOW CAPS
(EXTRASOFT RETENTION)
140CEG (4 pieces)

LAB ACCESSORIES*

LABORATORY BLACK CAPS
140CEN (4 pieces)



IMPRESSION COPINGS
144MTE (2 pieces)

LABORATORY ANALOGUES
144AE (2 pieces)

PULL-OFF IMPRESSION COPINGS
044CAIN (2 pieces)

SURGICAL INSTRUMENTS AND DRIVERS*

1 METAL INSERTION TOOL FOR CAPS
185IAC

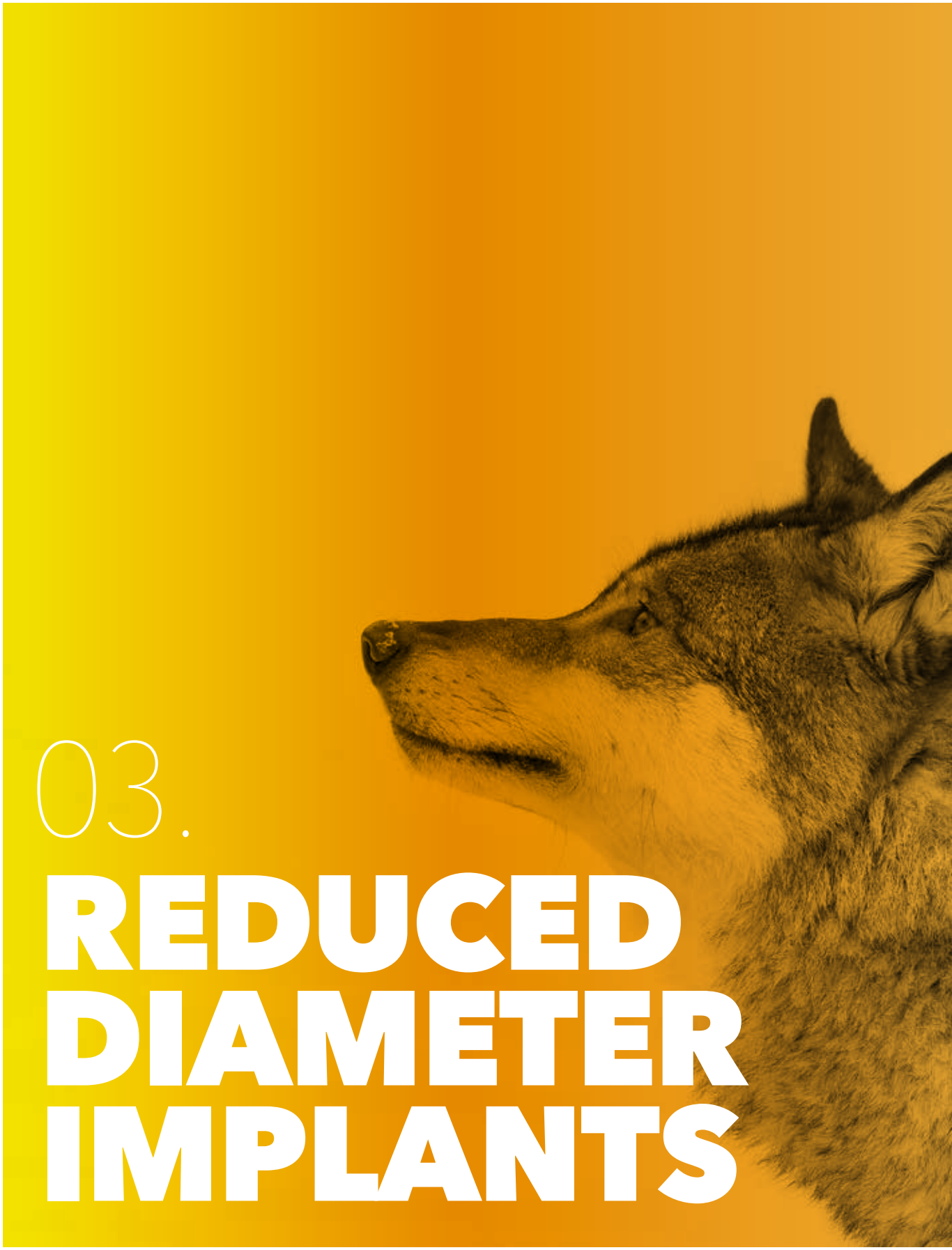
1 BLUE PLASTIC "MULTIUSE" INSERTION TOOL
124ICP

1 SQUARE DRIVER CONNECTOR FOR CONTRA-ANGLE
760CE

1 OT EQUATOR SQUARE SCREWDRIVER FOR IMPLANT ABUTMENT (SQUARE 1,25 mm)
774CHE

TIGHTENING: Recommended tightening: 25 Ncm. check tightening torques and procedures on pages 11- 12 .

* Distributed by B&B Dental



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. This line has its own very precise taper connection and includes dedicated surgical and prosthetic components, making the protocol intuitive.

DURA-VIT SLIM IMPLANTS

SLIM Ø3,4

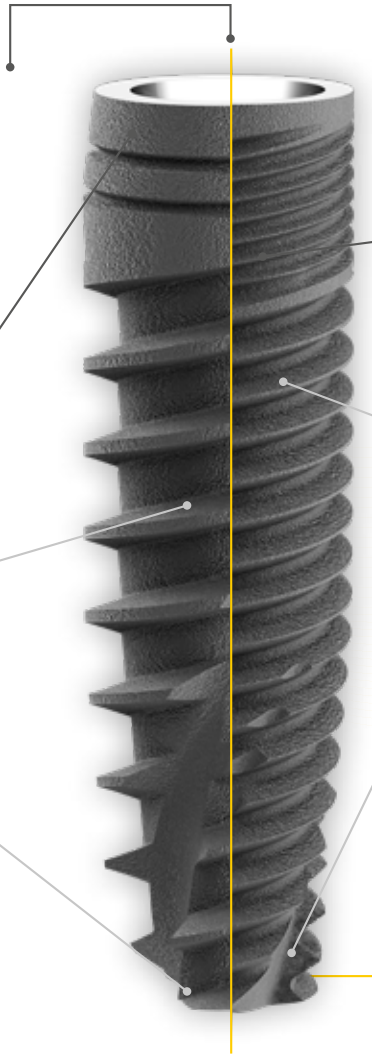
SLIM Ø3,0

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



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

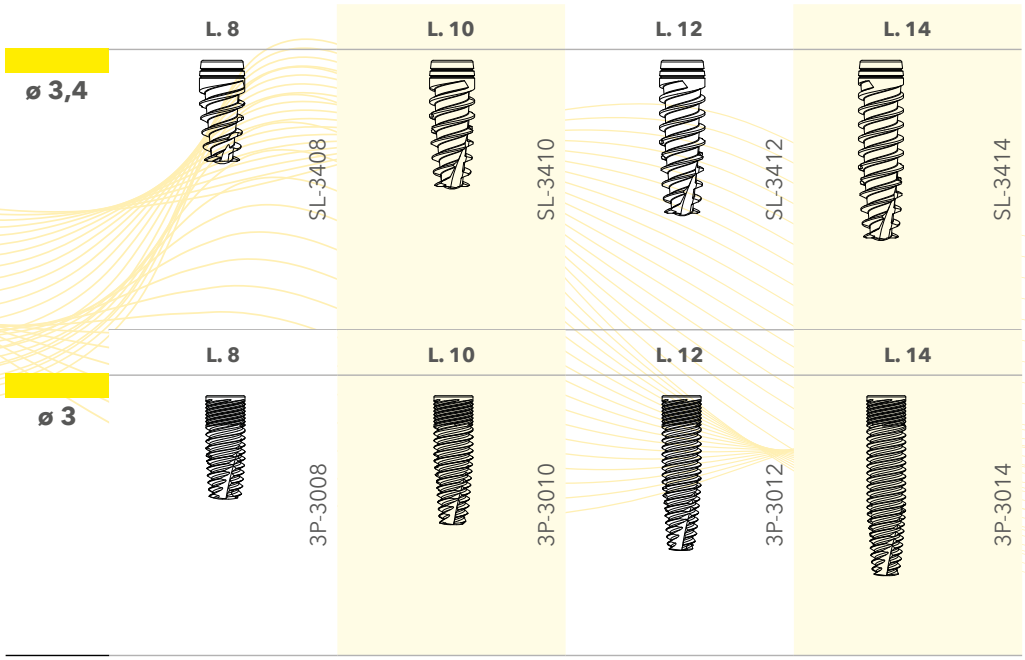
NARROW TIP
- Not suitable for sites close to the nerve or sinus membrane.

PROPERTIES

SLIM Ø 3,4 IMPLANT
- Ideal in spongy bone (D3-D4).
- Allows condensation.
- Ideal in post-extraction sites.
- Grade 4 Titanium.

SLIM Ø 3,0 IMPLANT
- Excellent in all bone types (especially D1-D2).
- Ensure high primary stability.
- Not ideal in sites next to sinus or nerve.
- Grade 5 Titanium.

SLIM • LINE



These codes include the locking screw

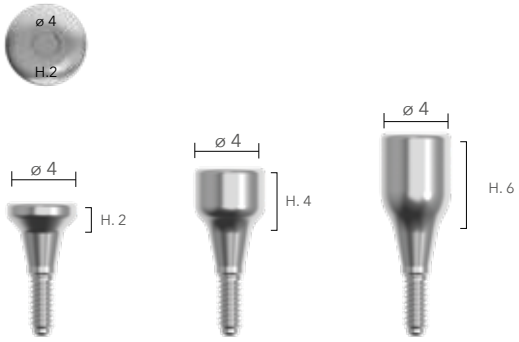
IMPORTANT NOTE

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

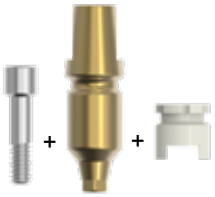


00584 00584/4 00584/6

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.

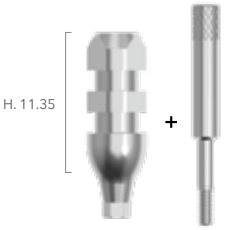
PLASTIC CAP
2 pcs pack
INN-00507



COMPLETE SET
metal transfer with plastic cap 00355
This code includes screw for transfer 00358/V

PICK-UP TRANSFER

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



HEX CONNECTION METAL TRANSFER
00600TR

TRANSFER SCREW
00600TR/V

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.

ANALOG
00097AN/1

ANALOG 3D
3D-0097AN/1

PROSTHETIC COMPONENTS

TITANIUM ABUTMENTS Ø 4

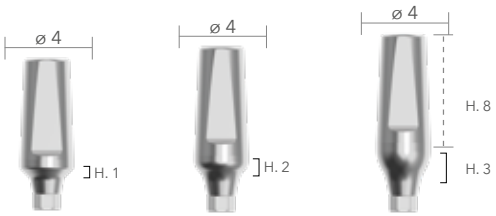
They are titanium components mainly used for cemented prosthesis in the front areas.
These abutments DO NOT have a taper coupling.

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

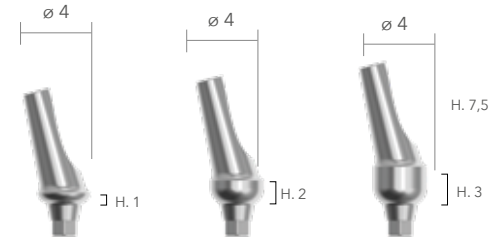
This code includes screw 00358/V



00358/1 00358/2 00358/3

ANGLED 15° Ø 4

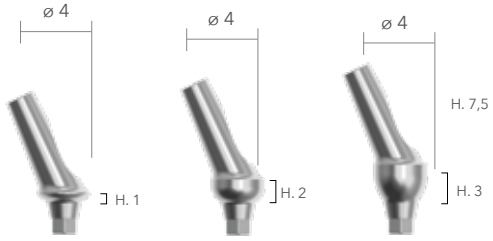
This code includes screw 00358/V



00370/14 00370/15 00370/16

ANGLED 25° Ø 4

This code includes screw 00358/V



00371/24 00371/25 00371/26

TIGHTENING:

Recommended tightening 25 Ncm.
Check tightening torques and procedures on pages 11-12.

IMPORTANT NOTE

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

00358/V

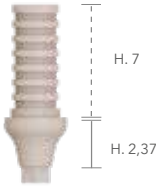
TEMPORARY ABUTMENT IN PEEK

These abutments have been designed as temporary abutments

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

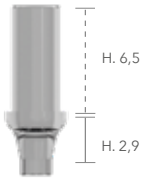
CASTABLE ABUTMENT Ø 4

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

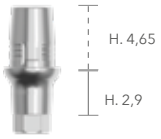
TI BASE CEREC (S LINE)

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

*

*Distributed by B&B Dental

00358/V

TIGHTENING:
Recommended tightening 20 Ncm. Check tightening torques and procedures on pages 11- 12

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 compatible for SLIM (codes: 6431295 -6431311)
- L - compatible for conexa line (codes: 6431303 - 6431329)

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

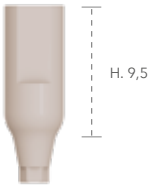
Premilled are bases for the construction of customised milled abutments. These components are characterised by a connection certified by B&B Dental.

3D ANALOGUES

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

IMPORTANT NOTE

To use these components it is necessary to have the B&B Dental libraries. You will find the software libraries in the "download" section of our site. Contact us for further support.

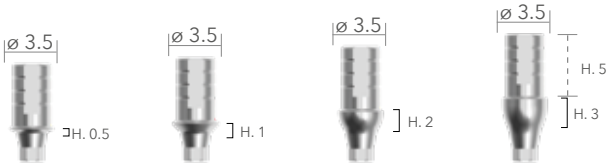


LONG SCANBODY
SL-SCAN-2-NR
This code includes screw 00358/V

00358/V

NON-ROTATING BASE

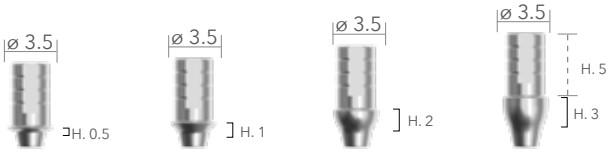
This code includes screw 00358/V



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 not 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
SL-00669

FLAT
SL-00669/3

FLAT
SL-00669/4

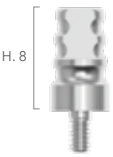
HEALING SCREW

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

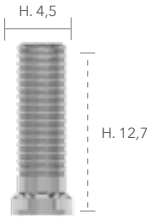
ANALOGUES

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.

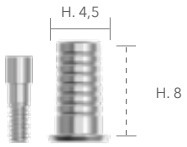
SCAN FOR FLAT

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

SCAN FLAT
SCAN-FLAT
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.

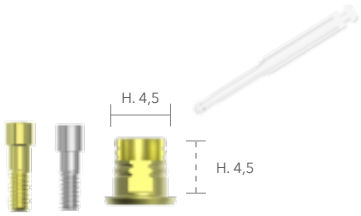


FLAT BASE
3D-00687/2
This code includes screw INN-00690

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:
Recommended tightening 15 Ncm. Check tightening torques and procedures on pages 11-12.

IMPORTANT NOTE

To use these components it is necessary to have the B&B Dental libraries. You will find the software libraries in the "download" section of our site. Contact us for further support.

SPHERICAL ANCHORING SYSTEM

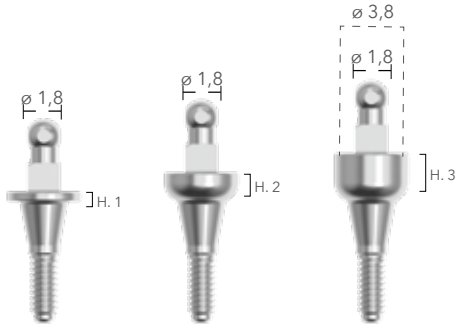
SPHERICAL ABUTMENTS

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



00589/1 00589/2 00589/3

LABORATORY AND SURGICAL INSTRUMENTS

BUTTERFLY KEY
MD-3002

KEY FOR TORQUE RATCHET (Short)
MD-3003S

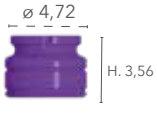
KEY FOR TORQUE RATCHET (Long)
MD-3003L

SPHERICAL ANALOG
MD-3007

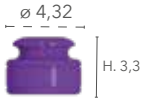
Ø 1.8 PLASTIC CAP AND METAL HOUSINGS

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)

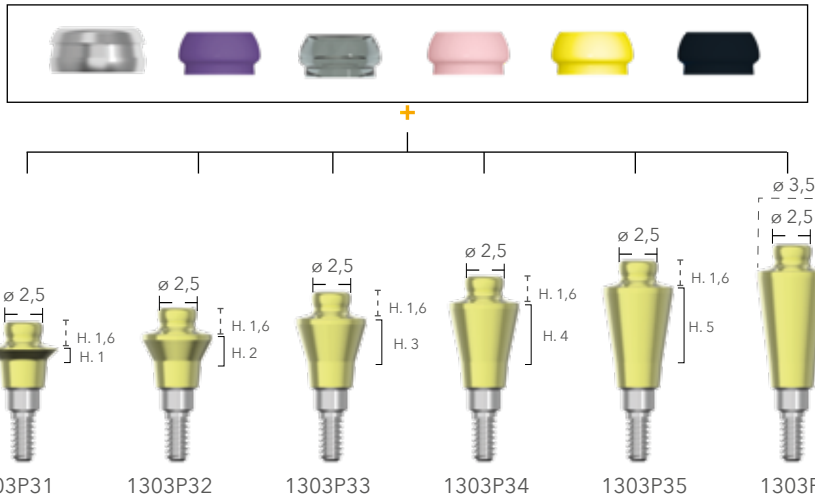
ELASTIC
049PCM (6 pieces)

SOFT
040CRM SN (6 pieces)

EXTRA SOFT
060CRM AY (6 pieces)

METAL HOUSING
041CAM (2 pieces)

OT EQUATOR

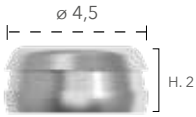


COMPLETE SET

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

SMART BOX HOUSING WITH BLACK POSITIONING CAP
330SBE



S/STEEL HOUSINGS
141CAE (2 pieces)

VIOLET CAPS
(STRONG RETENTION)
140CEV (4 pieces)

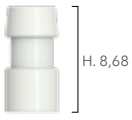
WHITE CAPS
(STANDARD RETENTION)
140CET (4 pieces)

PINK CAPS
(SOFT RETENTION)
140CER (4 pieces)

YELLOW CAPS
(EXTRASOFT RETENTION)
140CEG (4 pieces)

LAB ACCESSORIES

LABORATORY BLACK CAPS
140CEN (4 pieces)



IMPRESSION COPINGS
144MTE (2 pieces)

LABORATORY ANALOGUES
144AE (2 pieces)

PULL-OFF IMPRESSION COPINGS
044CAIN (2 pieces)

SURGICAL INSTRUMENTS AND DRIVERS

1 METAL INSERTION TOOL FOR CAPS
185IAC

1 BLUE PLASTIC "MULTIUSE" INSERTION TOOL
124ICP

1 SQUARE DRIVER CONNECTOR FOR CONTRA-ANGLE
760CE

1 OT EQUATOR SQUARE SCREWDRIVER FOR IMPLANT ABUTMENT (SQUARE 1,25 mm)
774CHE

TIGHTENING:
Recommended tightening 20 Ncm. Check tightening torques and procedures on pages 11-12.

MINI IMPLANTS

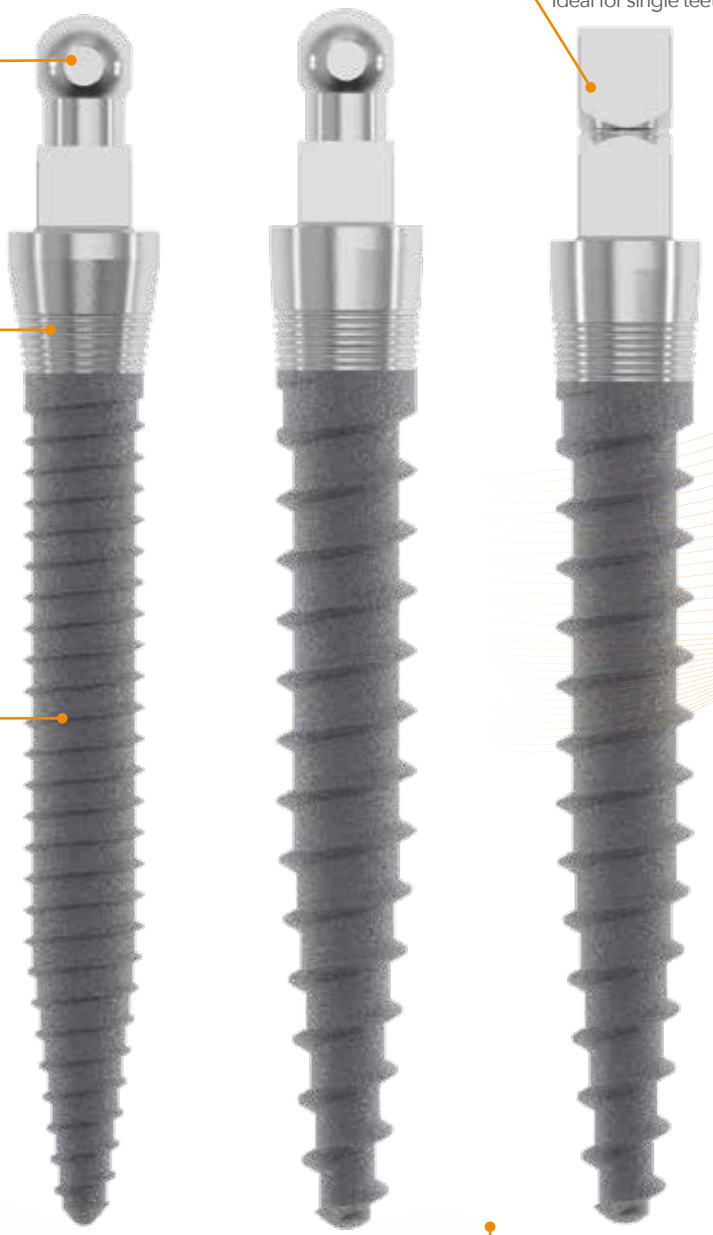
The DURA-VIT implant line is equipped with implant solutions for most of the clinical implantology needs.
Mini implants are single-phase implants with an integrated spherical or cubic prosthetic connection that can be used to stabilise removable prostheses or to rehabilitate single teeth in areas of limited space.
These implants are equipped with dedicated instruments and components for both manual and guided insertion.

04.
MINI IMPLANTS

DURA-VIT MINI BALL HEAD AND SQUARE HEAD

NON-ROTATING HEAD
Ideal for single teeth

BALL HEAD
To allow immediate long-term retention of prostheses with the use of retentive caps or o-rings



STANDARD TRANSMUCOSAL ROUTE
One standard size

FINE SPIRAL THREAD
Suitable for hard bones, easily inserted

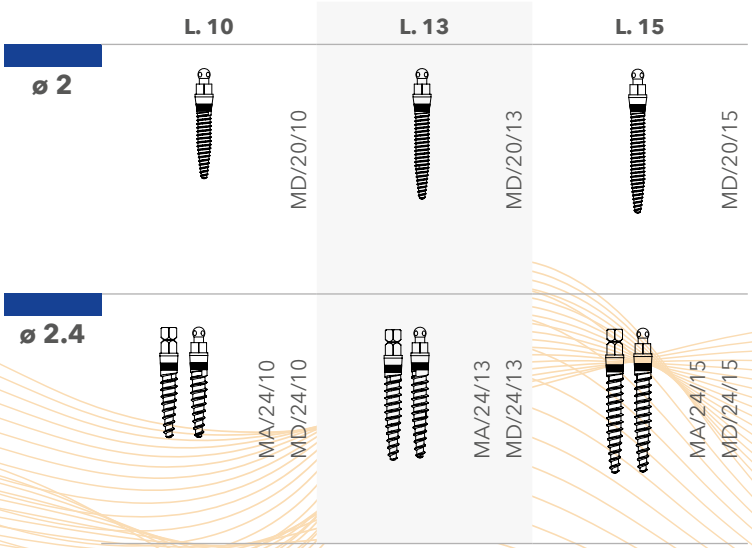
WIDE SPIRED THREAD
Suitable for spongy bones

MINI LINE

PROPERTIES

- They allow positioning in areas of limited space.
- Ideal for stabilising removable prostheses and for single teeth
- Can be used with immediate load.
- Grade 5 Titanium.

MINI • LINE



COLOUR CODING OF INTERNAL TUBE IMPLANTS AND TOOLS

MINI LINE colour code	 Ø 2,0	 Ø 2,4
Final drill diameter	Ø 2,0	Ø 2,4

PROSTHETIC COMPONENTS FOR BALL HEAD

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.

SPHERICAL ANALOG
MD-3007

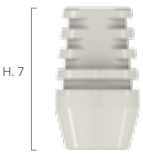
TRANSFER

The transfer is applied onto the abutment of mini spherical implants for precise adjustment of the position.

IMPRESSION COPINGS
MD-3014

STRAIGHT ABUTMENTS

These abutments are specially designed to fit the spherical head of the implants belonging to the mini line with spherical head.



TEMPORARY CAP
MD-3013

STRAIGHT ABUTMENTS
MD-3010

PVC PROTECTION

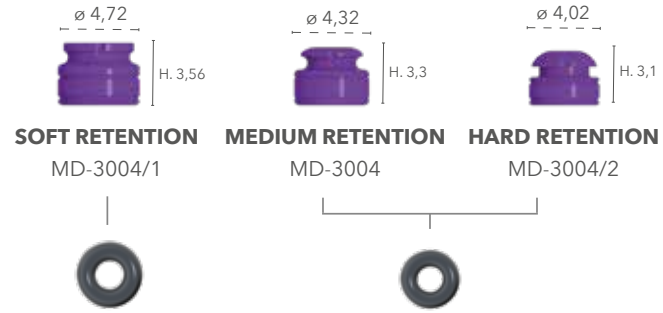
The protection prevents resin from seeping into the cap during the incorporation of the caps into the prosthesis.

PVC PROTECTION
MD-3008

Ø 1.8 PLASTIC CAPS 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 prosthesis matrix 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)

PROSTHETIC COMPONENTS FOR QUADRA HEAD

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.

SQUARE ANALOG
MA-1007

SQUARE HEAD TRANSFER/CASTABLE

It has two functions: transfer and castable abutment for implant position adjustment and implant prosthesis application.

CASTABLE
MD-3006

SURGICAL INSTRUMENTS & KITS

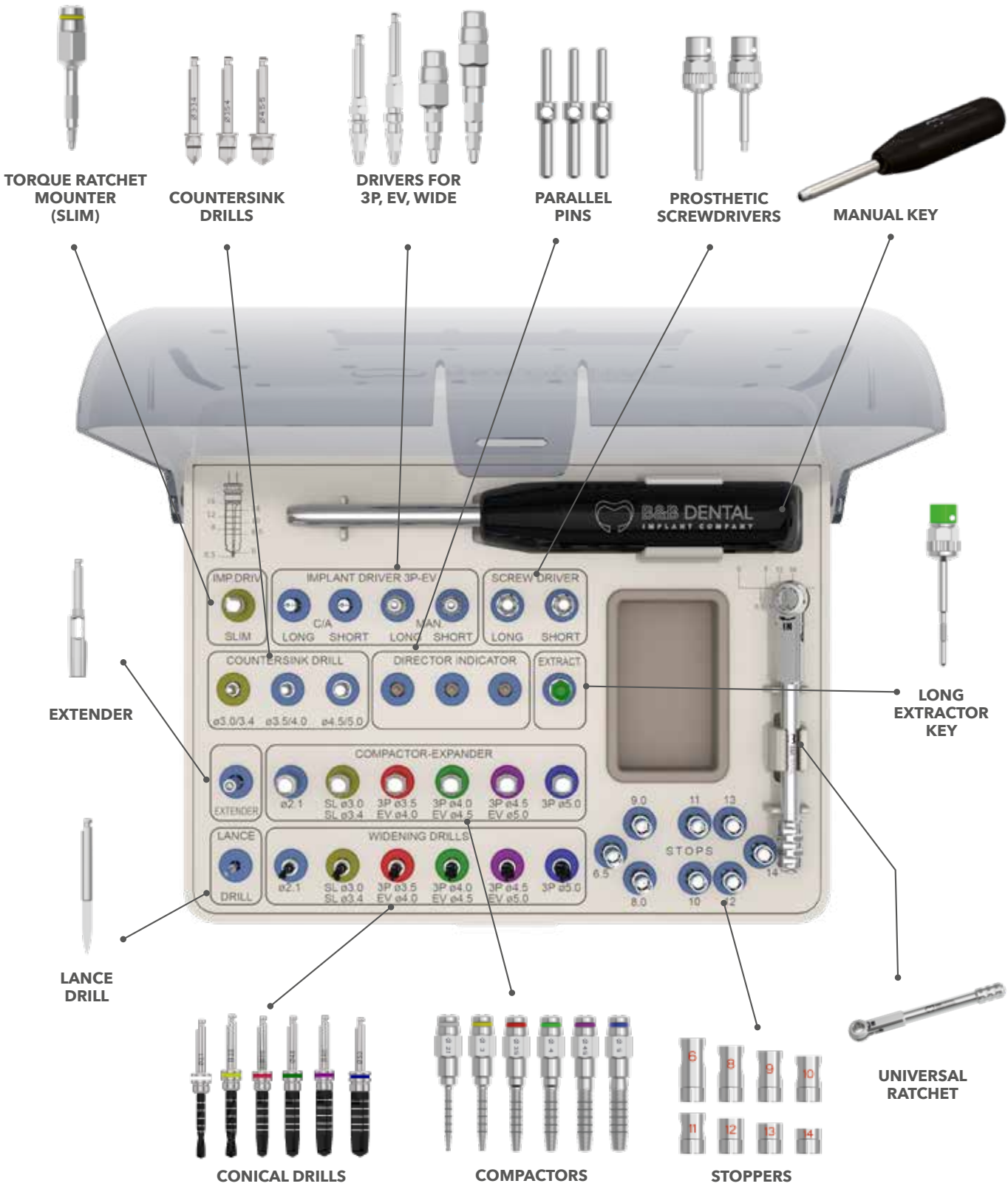
The study and care put into the production of implants are also applied to the design of surgical instruments. Although they are also sold separately, B&B Dental has prepared pre-set surgical kits, dedicated to the main techniques of the DURA-VIT line, to guarantee that the clinician has always the necessary instruments at the right time.

Please note that surgical instruments must be stored with care, tested for proper operation and wear, and periodically evaluated for replacement to keep them in optimal working order and ensure they are safe.

05.
INSTRUMENTS & KITS

COMPLETE SURGICAL KIT

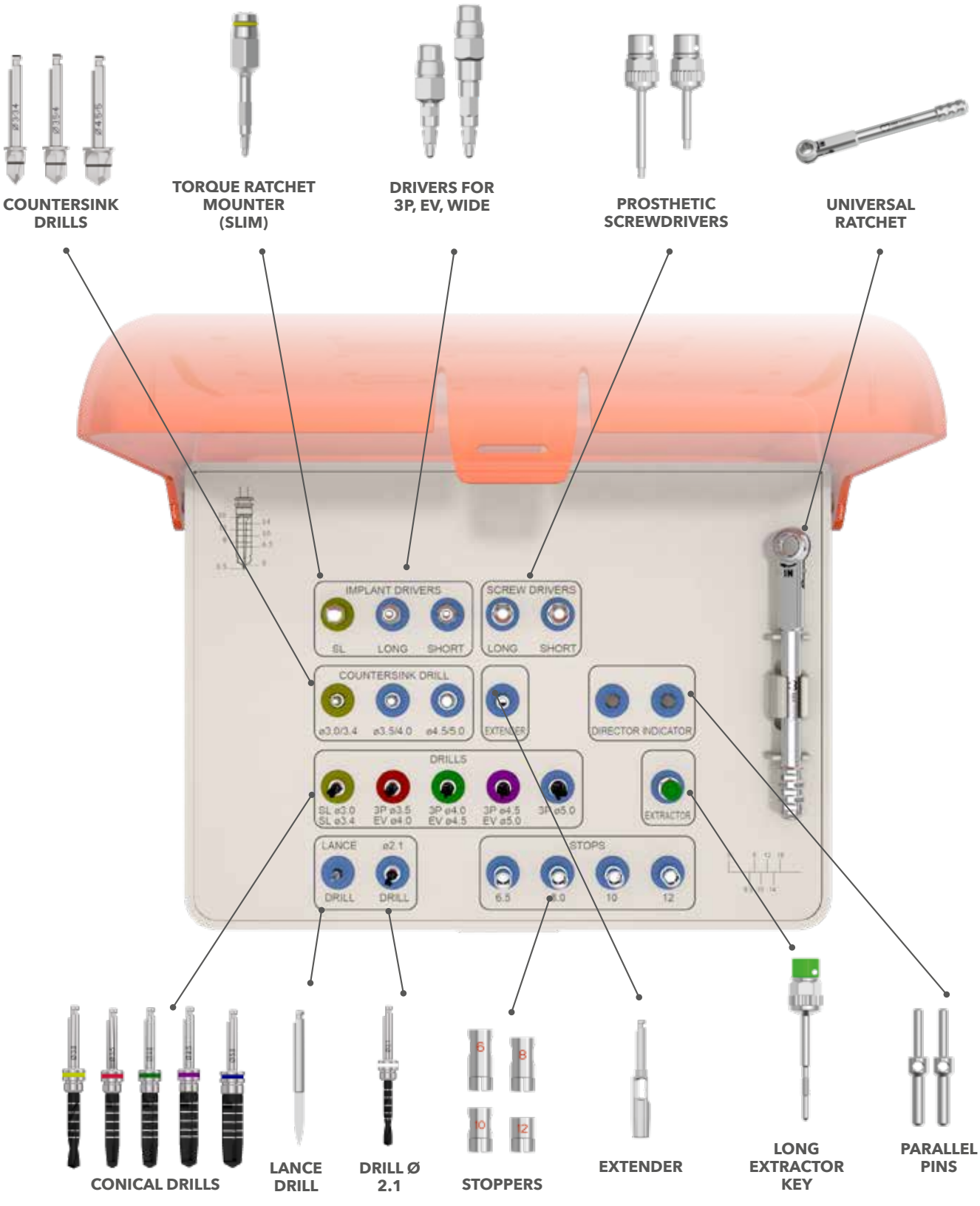
FOR 3P/EV/SL -DURA-VIT LINE



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-00581/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



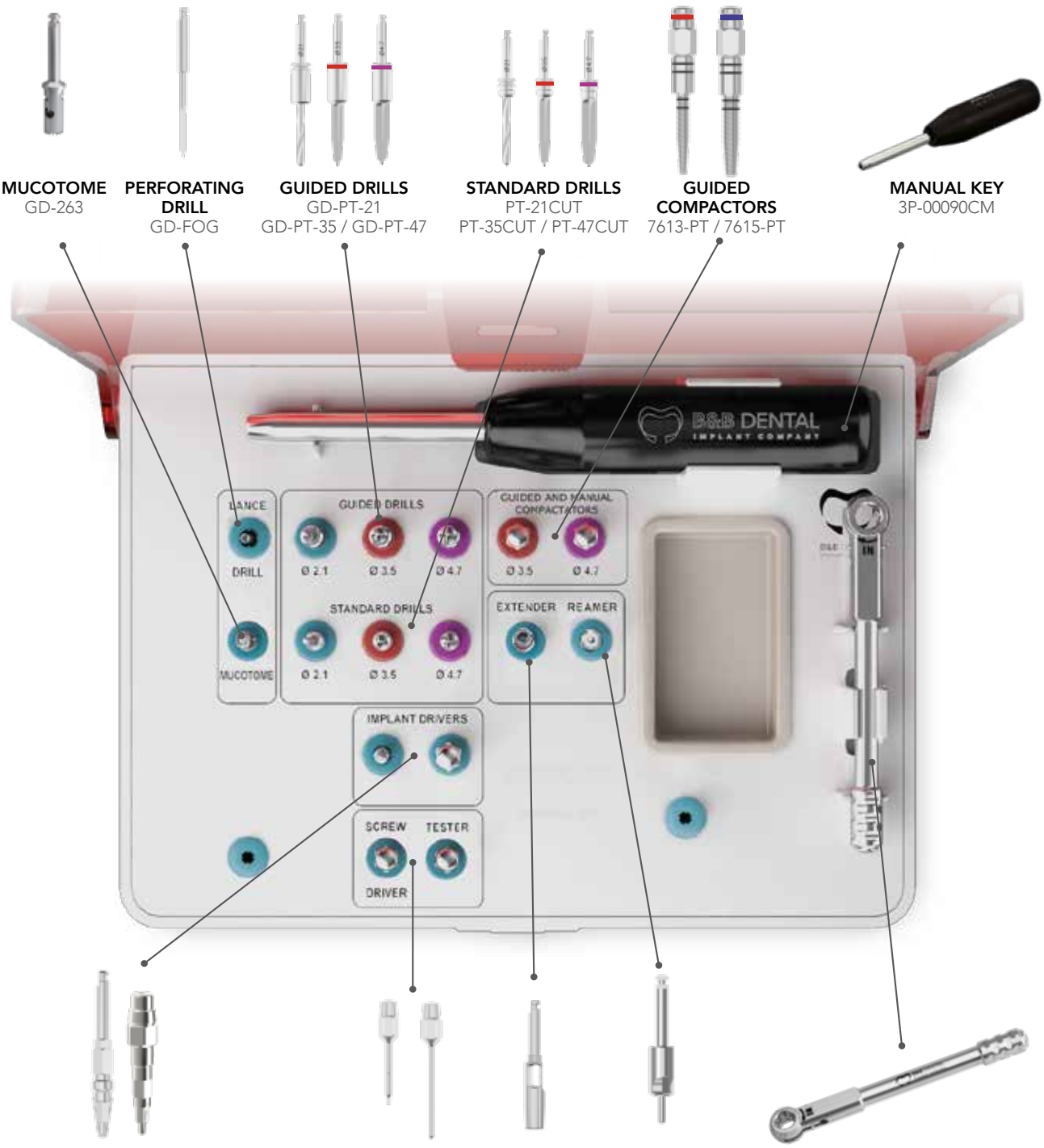
REF. 3P-00095SC

Lance drill	Ref. 147-021
Drill Ø 2,1	Ref. 00074CUT
Metal stopper L. 6,5 mm	Ref. STOP06
Metal stopper L. 8,0 mm	Ref. STOP01
Metal stopper L. 10,00 mm	Ref. STOP02
Metal stopper L. 12,00 mm	Ref. STOP03
Conical drill Ø 3,0	Ref. 00075CUT
Conical drill Ø 3,5	Ref. 3P-35CUT
Conical drill Ø 4,0	Ref. 3P-40CUT
Conical drill Ø 4,5	Ref. 3P-45CUT
Conical drill Ø 5,0	Ref. 3P-50CUT
Extender	Ref. 00236N

Countersink drill Ø 3,0/3,4	Ref. NECK-334
Countersink drill Ø 3,5/4,0	Ref. NECK-354
Countersink drill Ø 4,5/5,0	Ref. NECK-455
Slim implant driver (Long)	Ref. 00578/L
Implant driver (Long)	Ref. INN-00590/1
Implant driver (Short)	Ref. INN-00590/2
Prosthetic screwdriver (Long)	Ref. INN-61000L
Prosthetic screwdriver (Short)	Ref. INN-61000
Extractor key (Long)	Ref. INN-6161L
Parallel pins (2 pcs)	Ref. 00441T
Universal ratchet	Ref. 00376

KIT FOR PTERYGO IMPLANTS

FOR PTERYGO -DURA-VIT LINE



MUCOTOME
GD-263

PERFORATING DRILL
GD-FOG

GUIDED DRILLS
GD-PT-21
GD-PT-35 / GD-PT-47

STANDARD DRILLS
PT-21CUT
PT-35CUT / PT-47CUT

GUIDED COMPACTORS
7613-PT / 7615-PT

MANUAL KEY
3P-00090CM

IMPLANT DRIVER
INN-00581/L
INN-00590/2

KEYS
PT-01
PT-02

EXTENDER
00236N

REAMER
GD-BM

UNIVERSAL RATCHET
00376

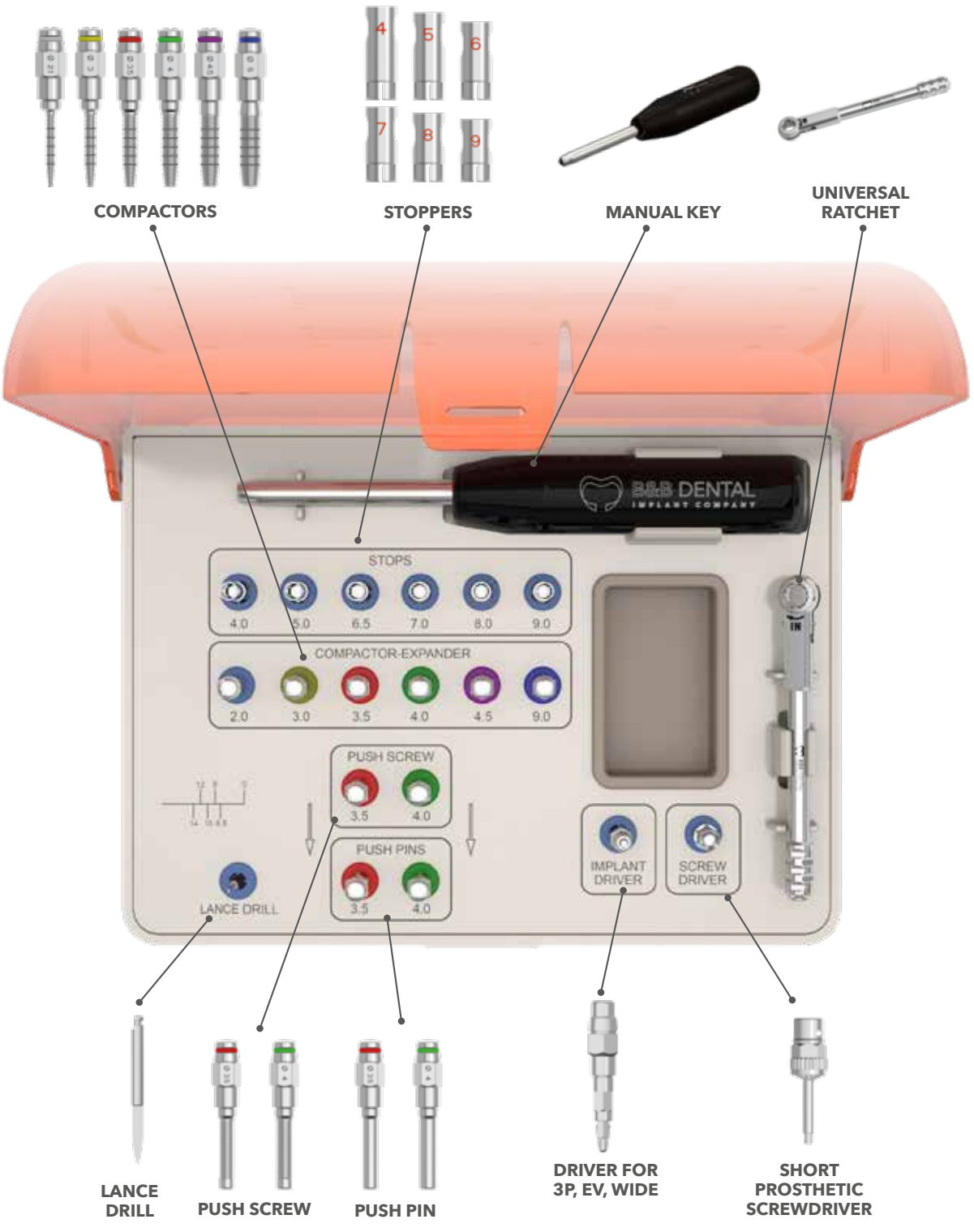
REF. **PT-00092SC**

Prosthetic key for pterygo system ratchet	Ref. PT-01
Probe key for pterygo system ratchet	Ref. PT-02
Pterygoid guided drill Ø 2,1	Ref. GD-PT-21
Pterygoid guided drill Ø 3,5	Ref. GD-PT-35
Pterygoid guided drill Ø 4,7	Ref. GD-PT-47
Pterygoid drill Ø 2,1	Ref. PT-21CUT
Pterygoid drill Ø 3,5	Ref. PT-35CUT
Pterygoid drill Ø 4,7	Ref. PT-47CUT

Guided compactors Ø 3	Ref. 7613-PT
Guided compactors Ø 4,7	Ref. 7615-PT
Manual inserter	Ref. 3P-00090CM
Mucotome	Ref. GD-263
Perforating drill	Ref. GD-FOG
Ratchet driver	Ref. INN-00590/2
Contra-angle key	Ref. INN-00581/L
Extender	Ref. 00236N
Reamer	Ref. GD-BM
Universal ratchet	Ref. 00376

CRESTAL SINUS LIFT KIT

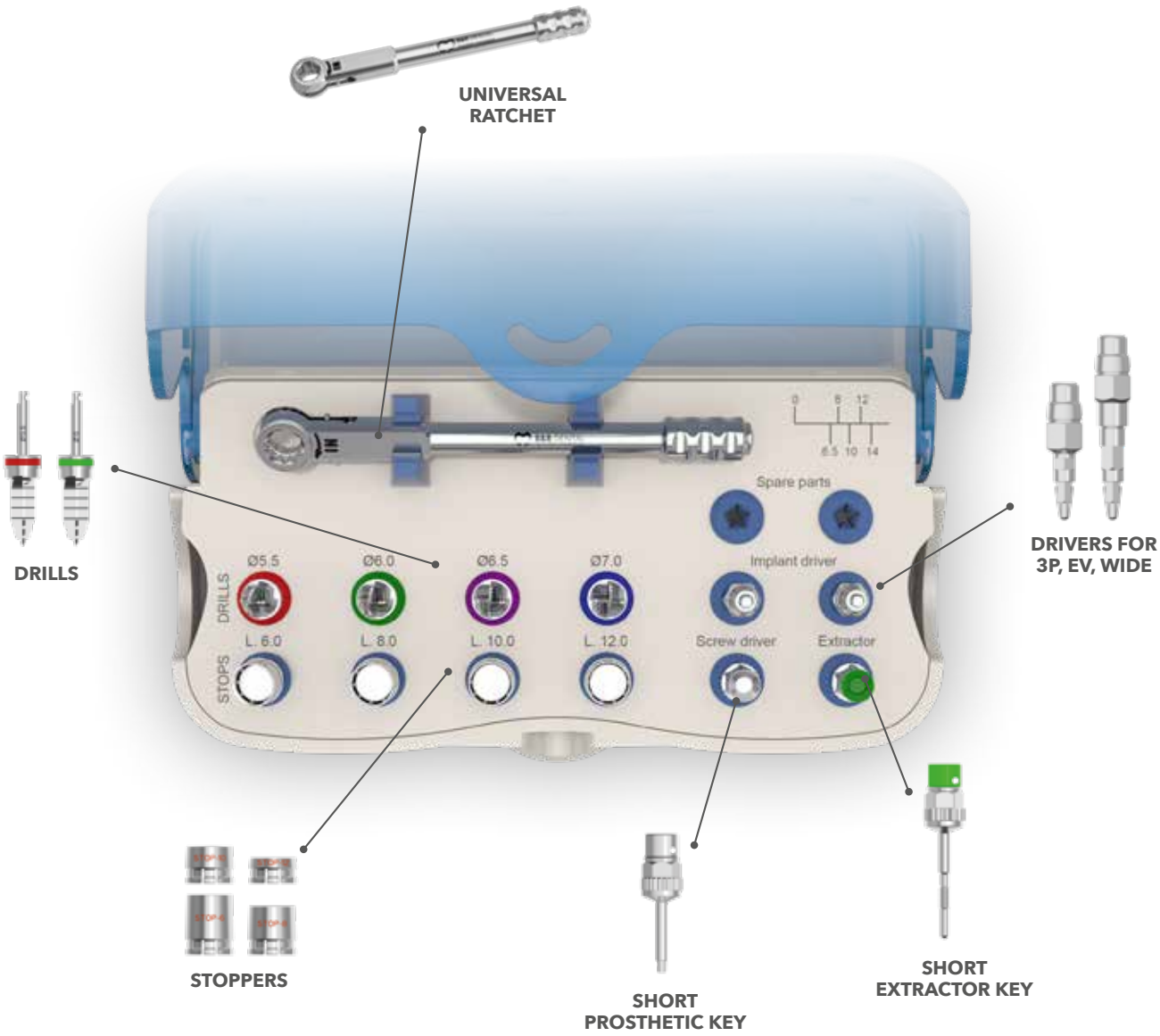
DURA-VIT LINE



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 (Short)	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

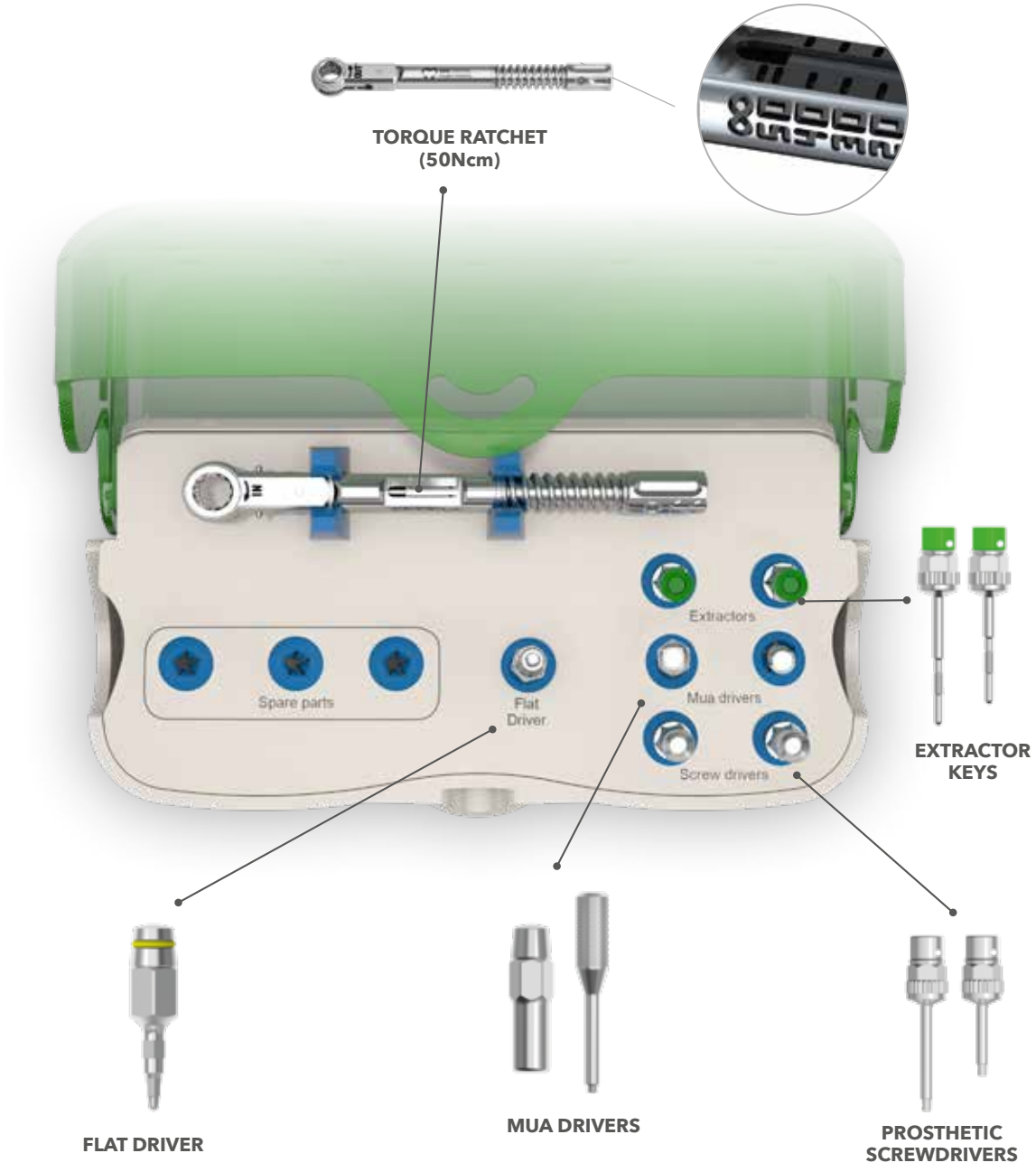


REF. WIDE-00092SC

WIDE drill Ø 5,5	Ref. WIDE-55CUT
WIDE drill Ø 6,0	Ref. WIDE-60CUT
WIDE Metal stopper L. 6,5 mm	Ref. W-STOP06
WIDE Metal stopper L. 8,0 mm	Ref. W-STOP08
WIDE Metal stopper L. 10 mm	Ref. W-STOP10
WIDE Metal stopper L. 12 mm	Ref. W-STOP12

Extractor Key (Short)	Ref. INN-6161
Implant driver (Short)	Ref. INN-00590/1
Implant driver (Long)	Ref. INN-00590/2
Prosthetic screwdriver (Short)	Ref. INN-61000
Universal ratchet	Ref. 00376

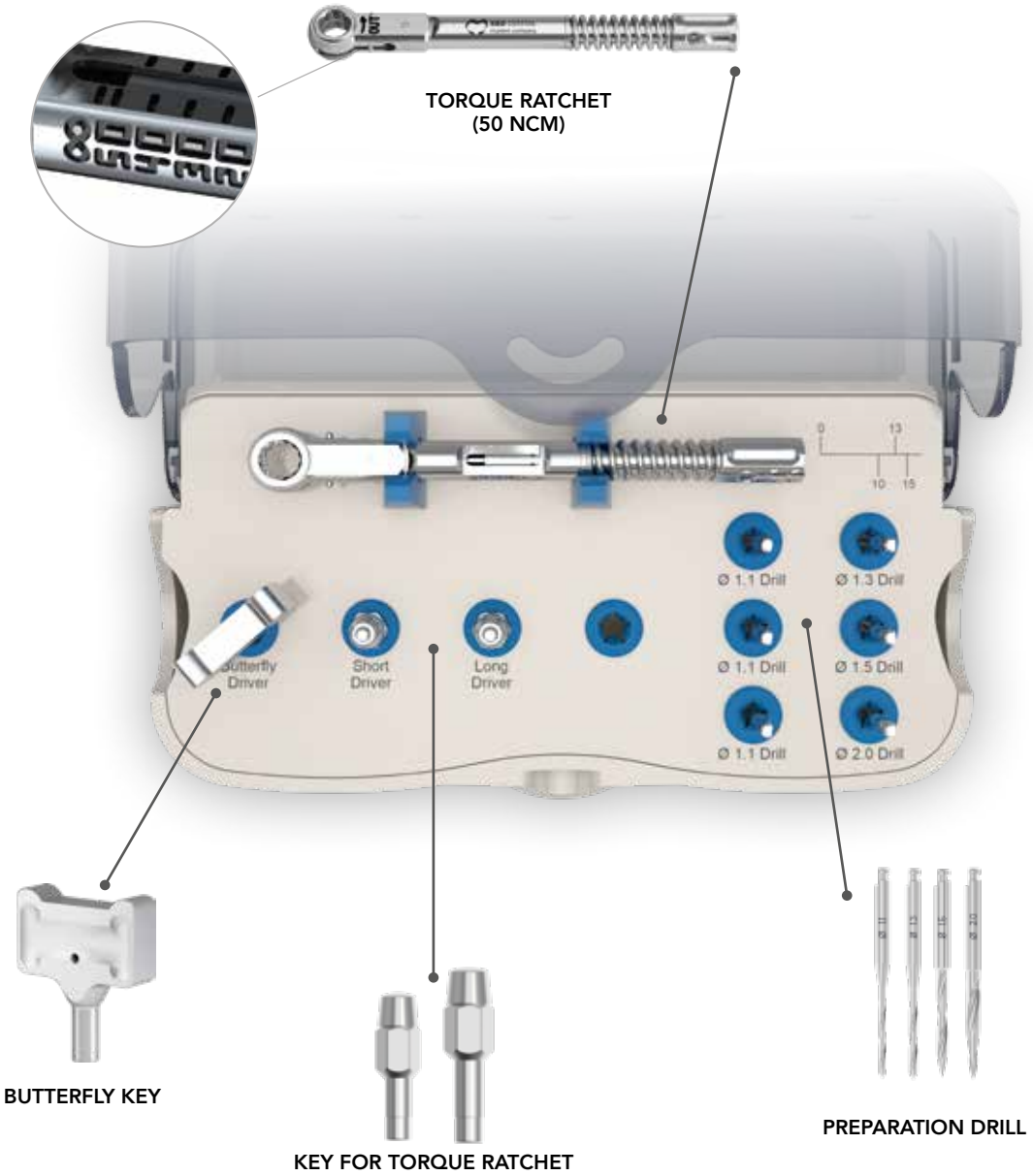
PROSTHETIC KIT



REF. KITPROTESICO

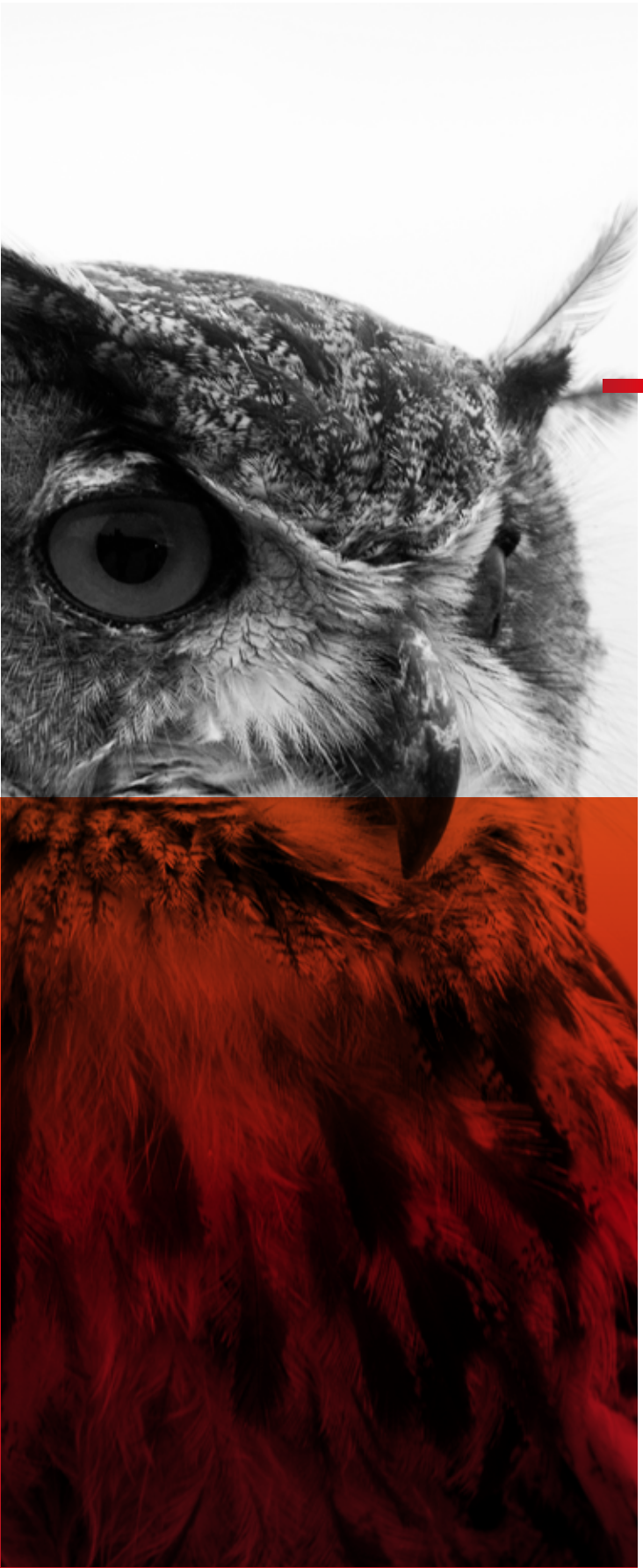
Torque ratchet (50 Ncm)	Ref. 00376DIN	Prosthetic screwdriver (Long)	Ref. INN-61000
Flat driver	Ref.00578/S	Prosthetic screwdriver (Short)	Ref. INN-61000L
Straight MUA torque ratchet driver	Ref. INN-00637	Extractor Key (Long)	Ref. INN-6161L
Angled MUA positioner	Ref. 023-MUA	Extractor Key (Short)	Ref.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

DURA-VIT MINI IMPLANT KIT



REF. 00075SC

Torque ratchet (50ncm)	Ref. 00376DIN
Preparation drill Ø 1,1	Ref. MD-3001/11
Preparation drill Ø 1,3	Ref. MD-3001/13
Preparation drill Ø 1,5	Ref. MD-3001
Preparation drill Ø 2	Ref. MD-3001/2
Key for torque ratchet (short)	Ref. MD-3003S
Key for torque ratchet (long)	Ref. MD-3003L
Butterfly key	Ref. MD-3002



SURGICAL COMPONENTS

Surgical components are also sold in bulk to enable the continued use of the kits and allow for the purchase of individual instruments not included in the standard equipment.
The majority of instruments are identified by a colour-coding for diameter size and are laser-marked for identification and depth.
All instruments have been specially designed for the implants of the DURA-VIT line.

SURGICAL COMPONENTS

SURGICAL INSTRUMENTS

Parallel pins help drills aiming once 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.

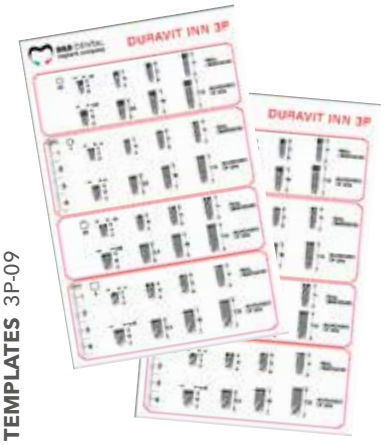
PARALLEL PINS

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.

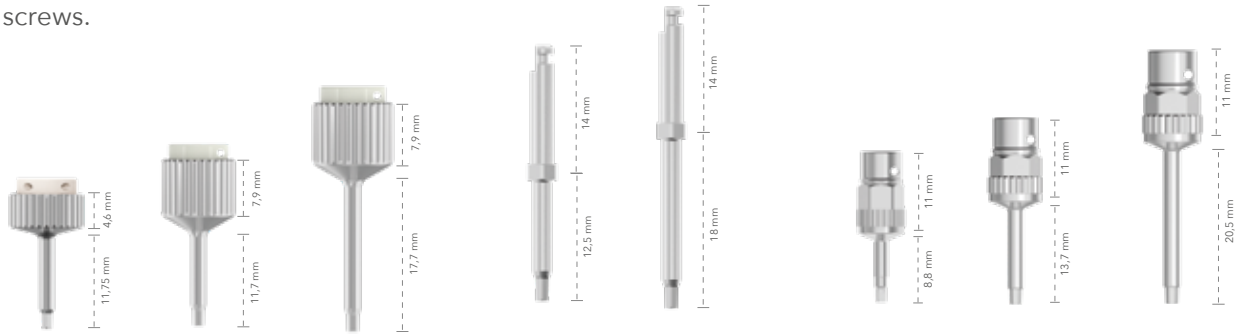
EXTENDER
00236N

LANCE DRILL
147-021

ROUNDED DRILL
000100

PROSTHETIC SCREWDRIVERS

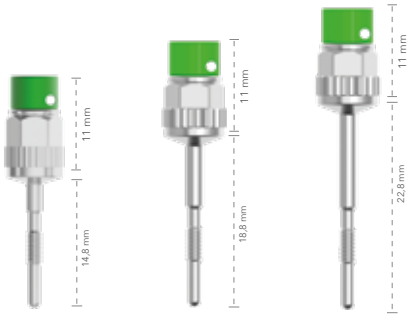
- Hex screwdriver 1.27 mm (hardened steel).
- For all prosthetic, healing and locking screws.



MANUAL KEY			CONTRA-ANGLE		PROSTHETIC SCREWDRIVERS		
LOW	SHORT	LONG	SHORT	LONG	LOW	SHORT	LONG
INN-00604S	INN-00604	INN-00604/L	INN-00602	INN-00602L	INN-61000S	INN-61000	INN-61000L

EXTRACTORS

The extraction keys and screw are used to disengage the prosthetic components used for taper coupling from the implant.



EXTRACTOR KEY			EXTRACTOR SCREW
LOW	SHORT	LONG	
INN-6161S	INN-6161	INN-6161L	INN-6060

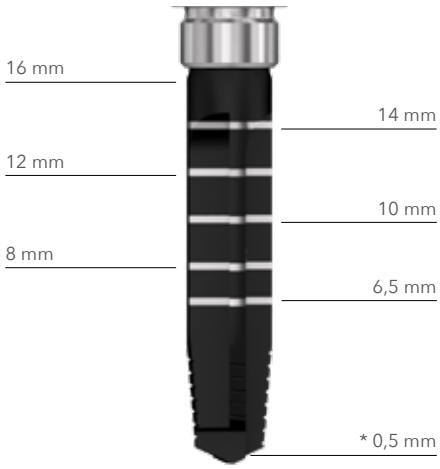
RATCHET & MANUAL KEY

-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.

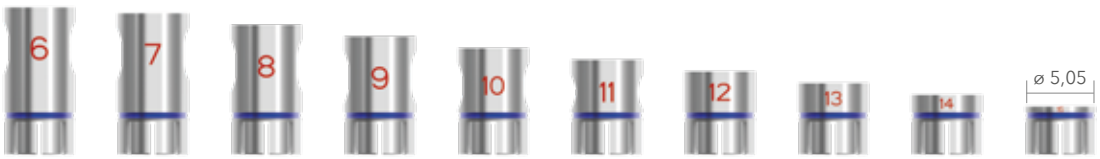
- Laser marking for immediate length identification.
- Easy and quick to install.

* 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

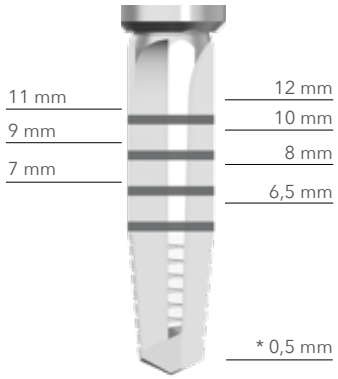
* not included in the kit



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.



Reference grooves and laser-marked notches

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	74SHORT	75SHORT	76SHORT	77SHORT	78SHORT	79SHORT**

STOPPERS FOR SHORT DRILLS

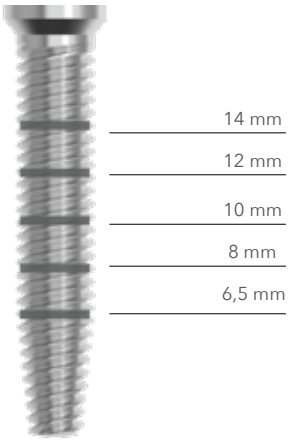
Stoppers ensure easy and accurate preparation of the implant site depth.
- Laser marking for immediate length identification.
- Easy and quick to install.

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

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

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 79.

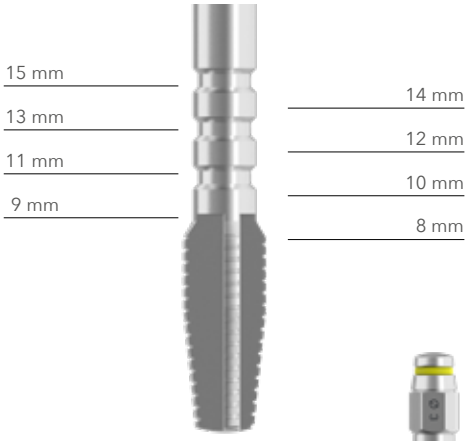
Color code	ø 2.1	ø 3	ø 3.5	ø 4	ø 4.5	ø 5
Actual diameter	ø 2,0	ø 2,5	ø 3,2	ø 3,7	ø 4,2	ø 4,7
Ref	201-3P	281-3P	331-3P	381-3P	431-3P	481-3P**

****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	ø5,0
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

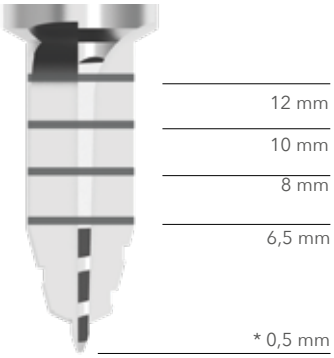
IMPLANT PLACEMENT

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.

WIDE CONICAL DRILLS

- 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
Actual diameter	ø 5,0	ø 5,5
Ref	WIDE-55CUT	WIDE-60CUT

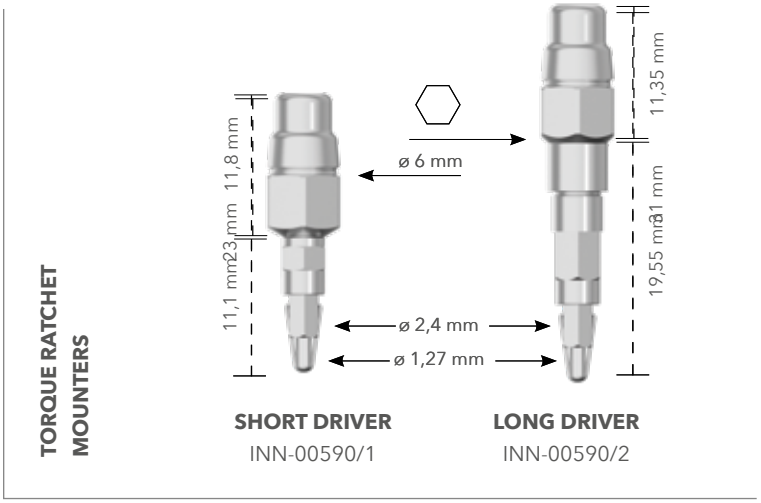
WIDE STOPPERS

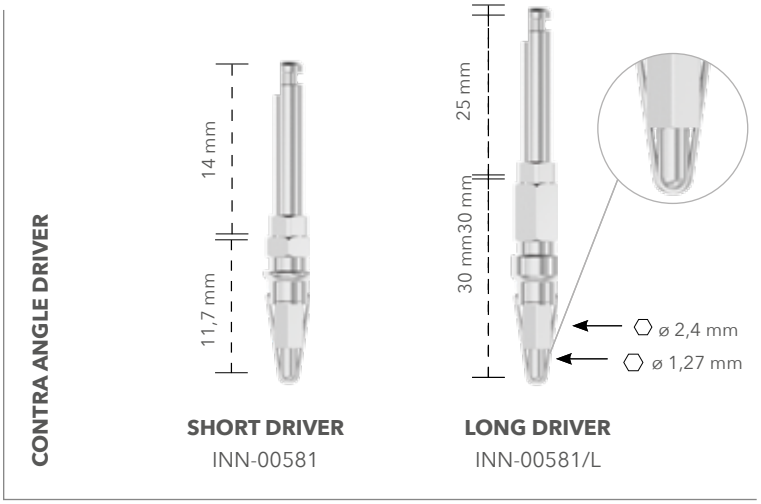
Wide stops ensure easy and accurate preparation of the implant site depth.
- Laser marking for immediate length identification.
- Easy and quick to install.

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

MOUNTERS 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.

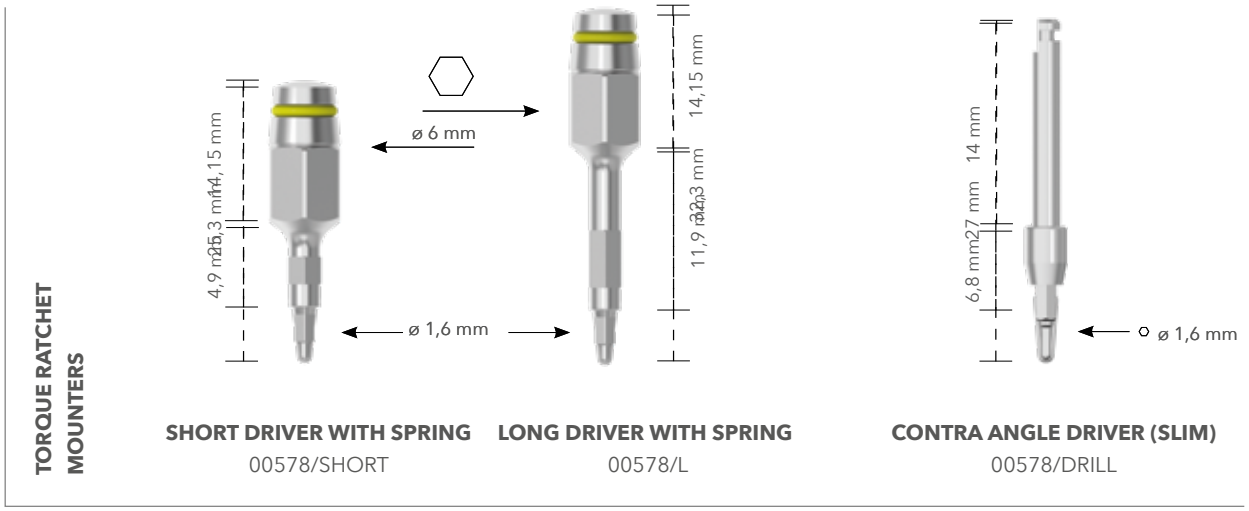




TIGHTENING:
Maximun rightening 70 Ncm. Check tightening torques and procedures on pages 11-12.

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.

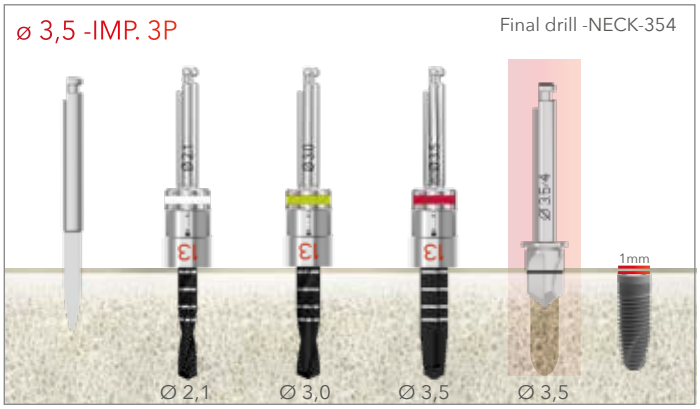


SURGICAL PROTOCOLS

3P DRILLING PROCEDURE

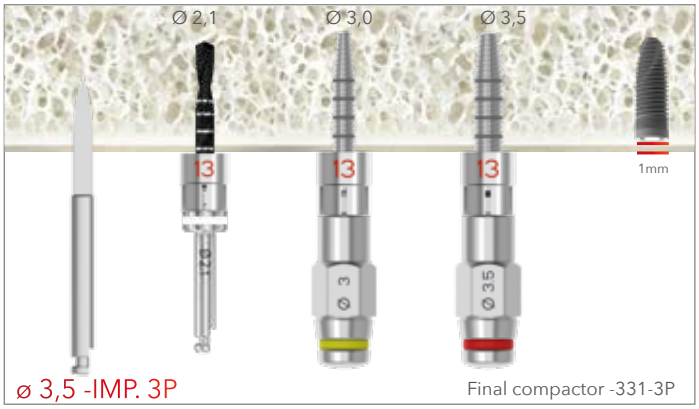
SUITABLE FOR USE IN HARD BONE (D1-D2)

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.

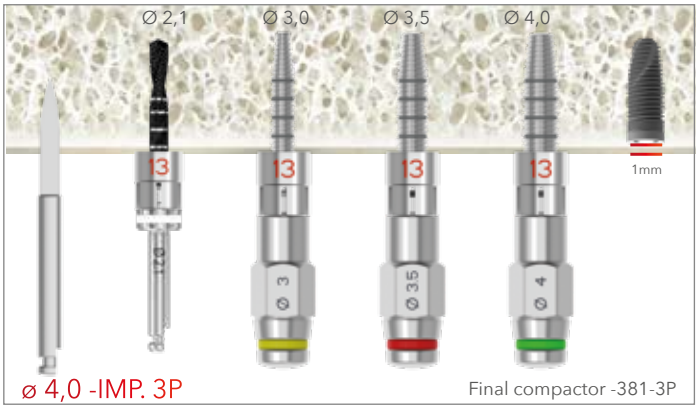


SUITABLE FOR USE IN SOFT BONE (D3-D4)

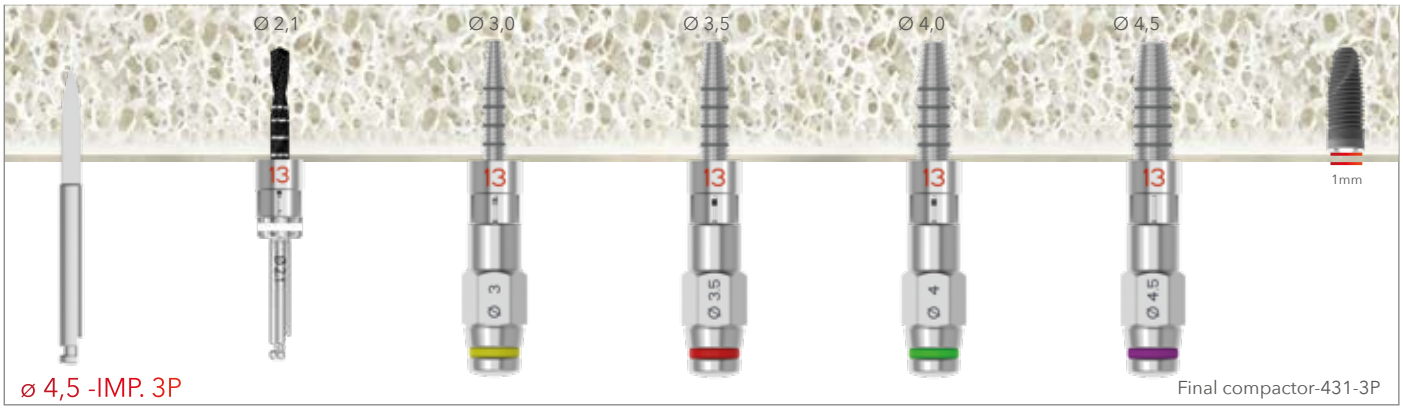
Compactor-expander of the DURA-VIT system are a valid alternative to osteotomes for maxillary expansion and condensation, when preparing the implant site. Expansion compactor are also an alternative to the maxillary sinus elevation procedure using Summers technique. DURA-VIT compactor-expander increase 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.



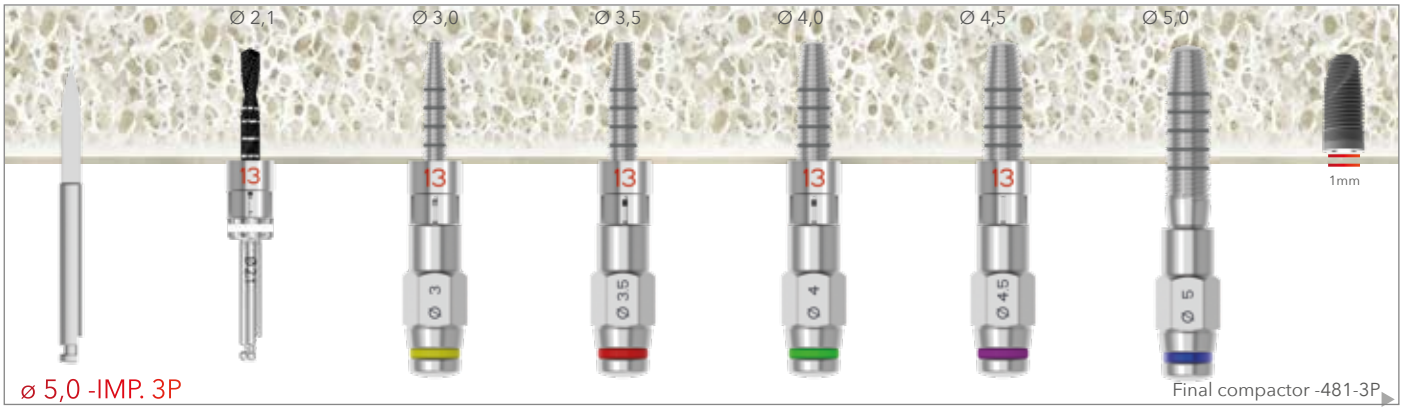
ø 3,5 -IMP. 3P — Final compactor -331-3P



ø 4,0 -IMP. 3P — Final compactor -381-3P



ø 4,5 -IMP. 3P — Final compactor-431-3P

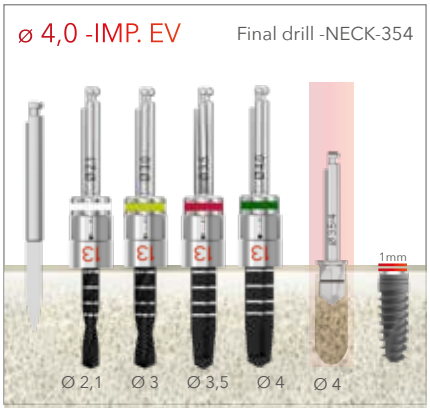


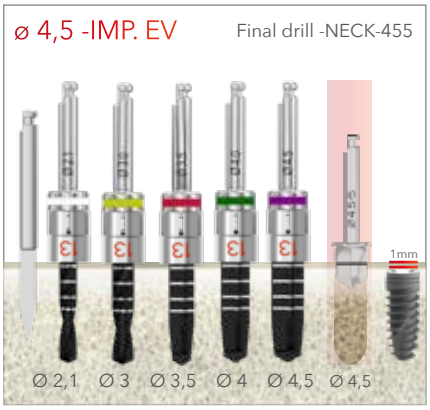
ø 5,0 -IMP. 3P — Final compactor -481-3P

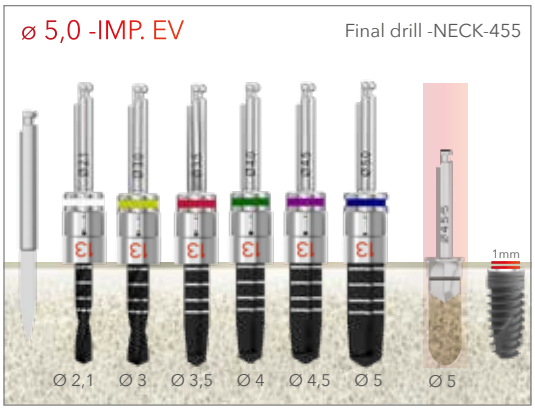
EV DRILLING PROCEDURE

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.

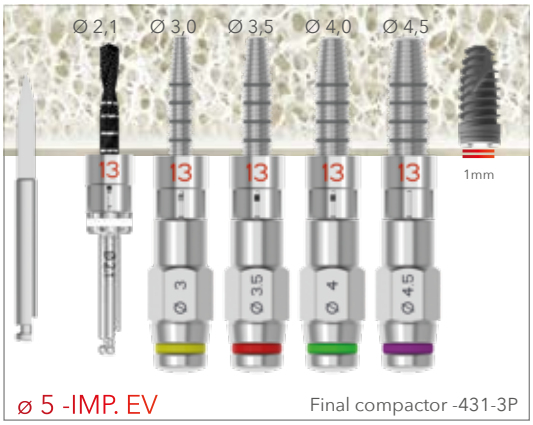






SUITABLE FOR USE IN SOFT BONE (D3-D4)

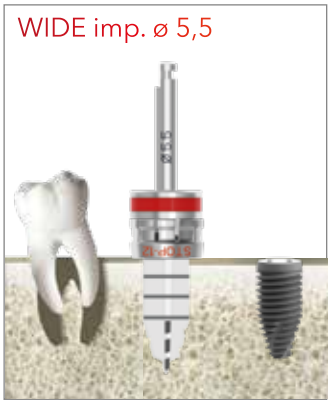
When bone is soft, the procedure requires the use of compactor-expander of the DURA-VIT system to be able to expand and condense the maxillary sinuses. Compactor-expander increase success rate, improving primary stability and maintaining bone density.



WIDE DRILLING PROCEDURE

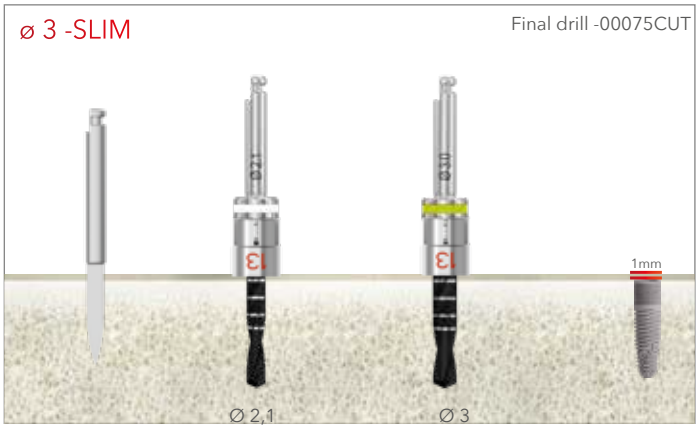
SUITABLE FOR USE IN A PREMOLAR AND MOLAR EXTRACTION SITE

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.

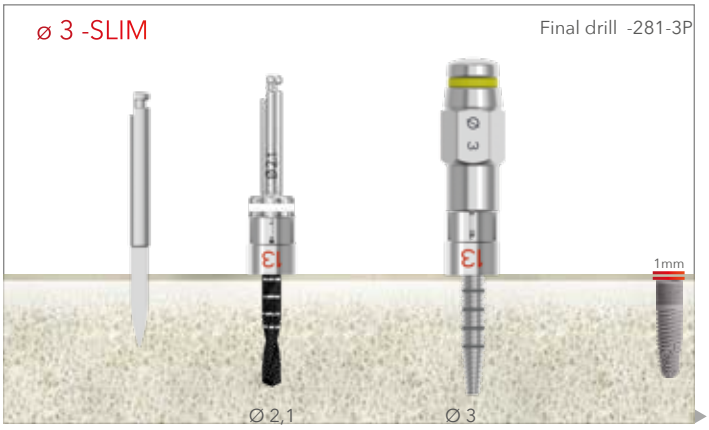


SLIM DRILLING PROCEDURE

SUITABLE FOR USE IN HARD BONE (D1-D2)



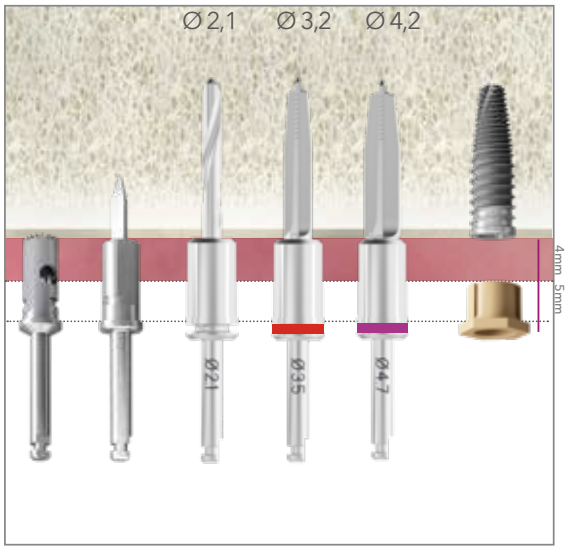
SUITABLE FOR USE IN SOFT BONE (D3-D4)



PTERYGO DRILLING PROCEDURE

SUITABLE FOR USE IN HARD BONE (D1-D2)

Pterygo hard bone implants are inserted through a drilling procedure that requires the use of instruments having a gradually increasing diameter, until the implant diameter is obtained. The drills must be directed from the tuber toward the pterygoid fossa.



GUIDED

MANUAL

SUITABLE FOR USE IN SPONGY BONE (D3-D4)

When bone is soft, the procedure requires the use of compactors-expanders 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.

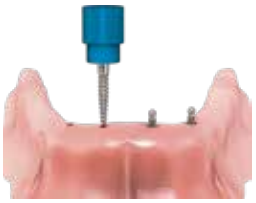
GUIDED

MANUAL

MINI IMPLANTS DRILLING PROCEDURE

BALL HEAD

Mark every entry point on patient's tissue using pilot drill 1.5 by bringing it up and down until penetrating the cortical plate.



Bring the implant to the site with the plastic assembler and screw it until achieving bone resistance.

Use the wing key to insert the implant. Should this operation be difficult, use the torque ratchet.

The torque ratchet completes implant tightening.

Enlarge the prosthesis to house the metal matrices to be placed on the implants.

Adjust prosthesis height when into patient's mouth using cold resin and asking the patient to apply the pressure of a normal bite in centric occlusion.

SQUARE HEAD

Mark the entry point on patient's tissue using pilot drill 1.5 by bringing it up and down until penetrating the cortical plate.

Bring the implant to the site with the plastic assembler and screw it until achieving bone resistance.

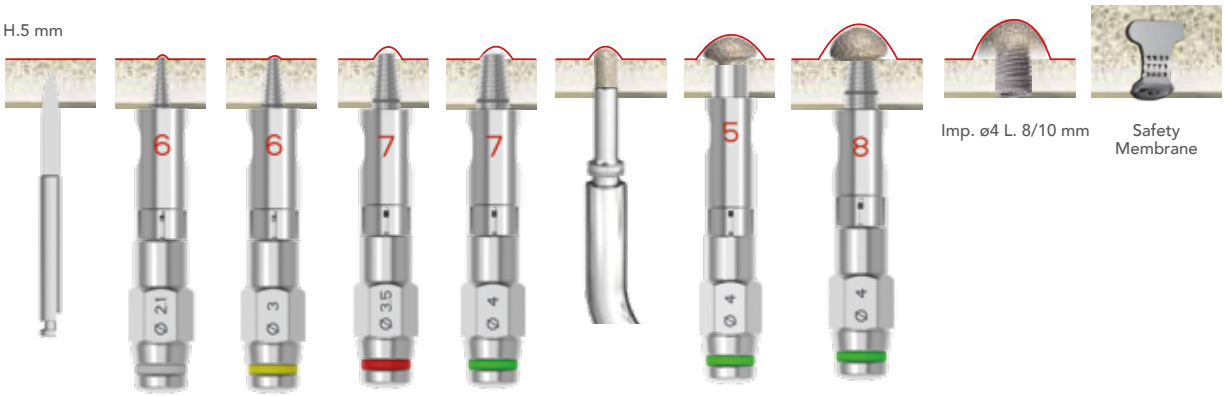
Use the wing key to insert the implant. Should this operation be difficult, use the torque ratchet.

The torque ratchet completes implant tightening.

Prepare temporary and/or final tooth and cement it onto mini implant head.

Rehabilitated case

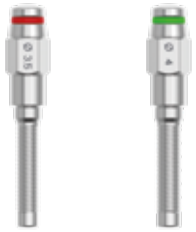
TRANSCRESTAL SINUS LIFT PROCEDURE



SURGICAL KIT COMPONENTS

PUSH SCREW

- It prepares the bone cavity for implant placement.

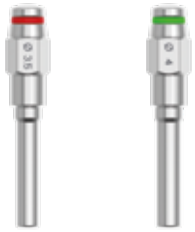


SL-PS35 ø 3,5

SL-PS40 ø 4

PUSH PIN

- It pushes the regeneration material inside the bone cavity.



SL-PP35 ø 3,5

SL-PP40 ø 4

SMARTPEG OSSTELL

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

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

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

Protection cap for the sterilization of the micromotor

Power cable

Support rod for physiological solution

CENTRAL UNITY
UCPHYSIO

MOTOR
MOTORE

PEDAL CONTROLLER
PD102

IRRIGATION TUBE*
DE10271346

TRANSPORT CASE
PD106

**DEVICE DISTRIBUTED BY B&B DENTAL*
For complete information see the Physio brushless catalogue

COLLAGEN T-BARRIER MEMBRANES

Collagen T-Barrier Membrane is a resorbable membrane made from equine-derived collagen used to protect implant sites. It can be easily placed on the site after bone grafting and does not require fixation. The membrane provides a perfect basis for hard and soft tissue healing and creates a favourable environment for bone regeneration, as it allows osteogenic-cell growth in the site and avoids unwanted cell migration. It can also be used as a local haemostat.
T-Barrier Collagen also has the ability to act as a balanced barrier with controlled resorption, so as to avoid any inflammatory reaction in soft tissue.

T-Barrier Collagen is available in a wide range of sizes:

23 x 23 x 0,25 mm**
B-00223*

10 x 10 x 0,25 mm**
B-00223/1*

10 x 20 x 0,25 mm**
B-00223/2*

15 x 20 x 0,25 mm**
B-00223/3*

20 x 30 x 0,25 mm**
B-00223/4*

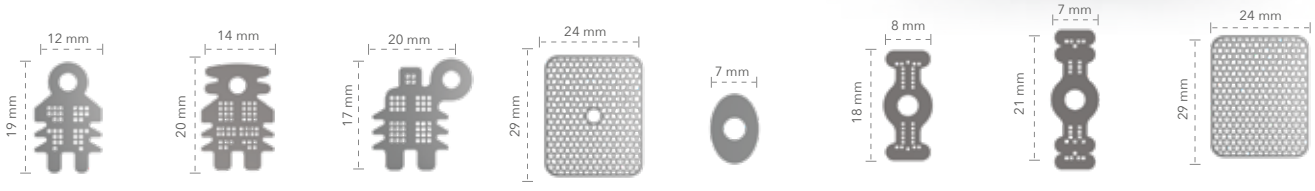
30 x 40 x 0,25 mm**
B-00223/5*

** ± 0.05 mm

* 2 membranes per pack

TITANIUM T-BARRIER MEMBRANES

Titanium T-Barrier membranes are titanium grids that are fixed to the implant with a fixation screw to prevent it from shifting within the sinus. They can also be fixed to the bone with osteosynthesis screws to keep the regeneration materials in place in the site.
These grids are easy to mould into a shape that will fit the crestal bone.



00532/3*+

00532/4*+

00532/5*+

00532/12*+

00532/10*+

00532/1*+

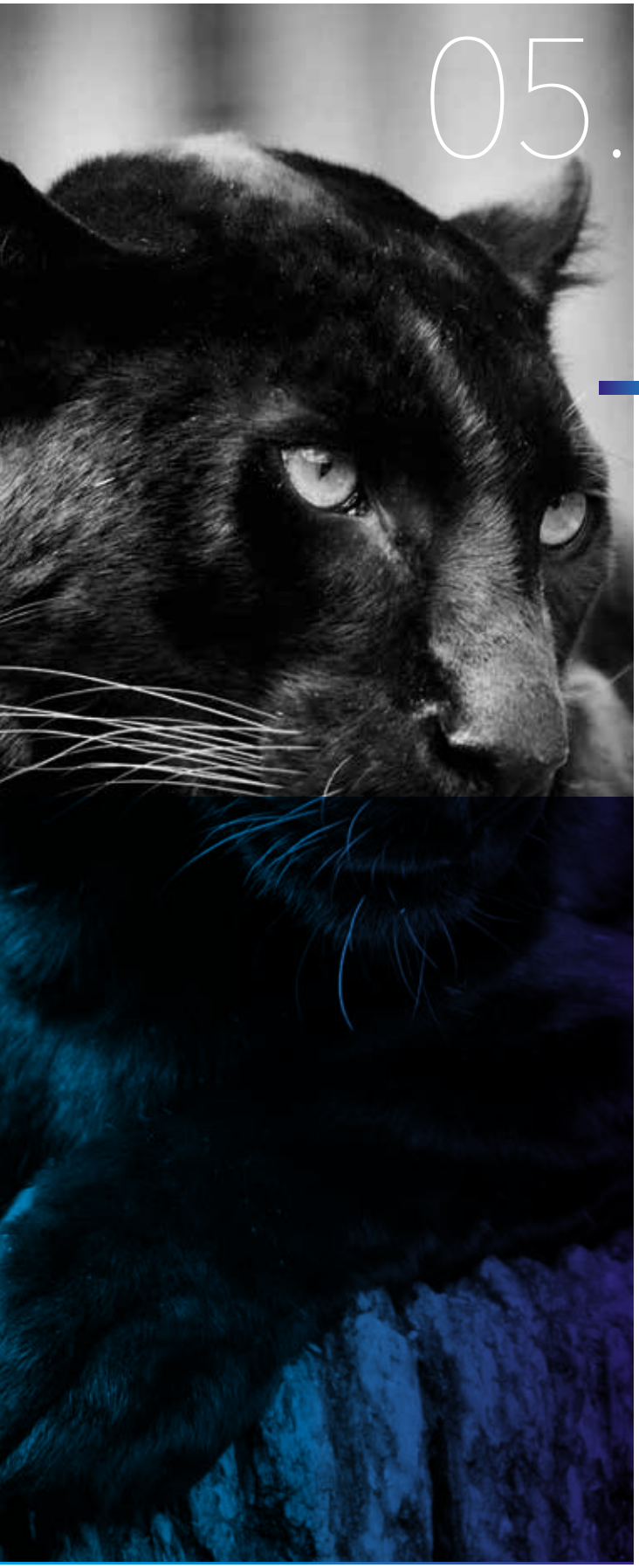
00532/2*+

00532+

*1 pc per pack
thickness 0.13 mm

* Fixation screw 00532SCREW included

For the whole line consult the regeneration catalogue

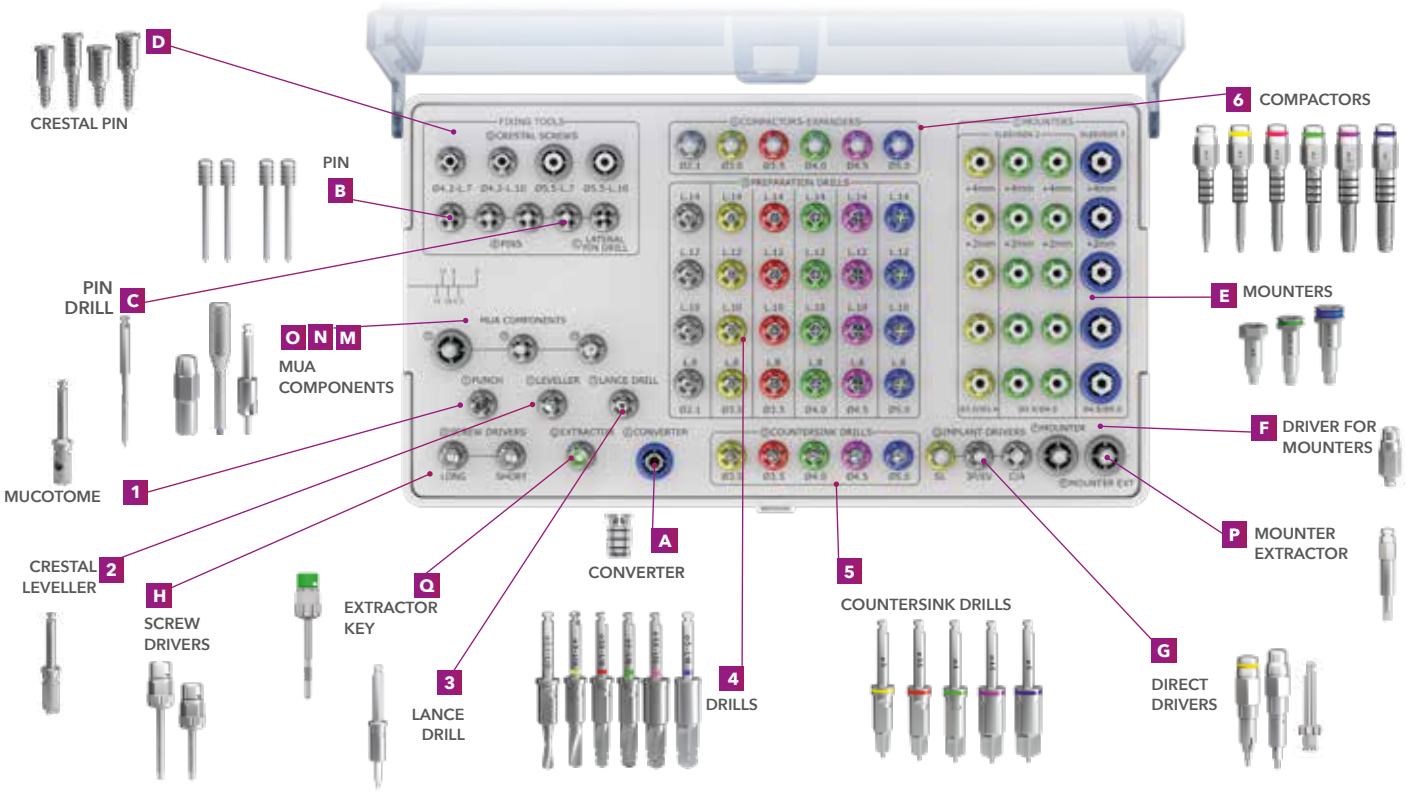


05. DIGITAL WORKFLOW

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 specialised 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.

GUIDED SURGICAL KIT

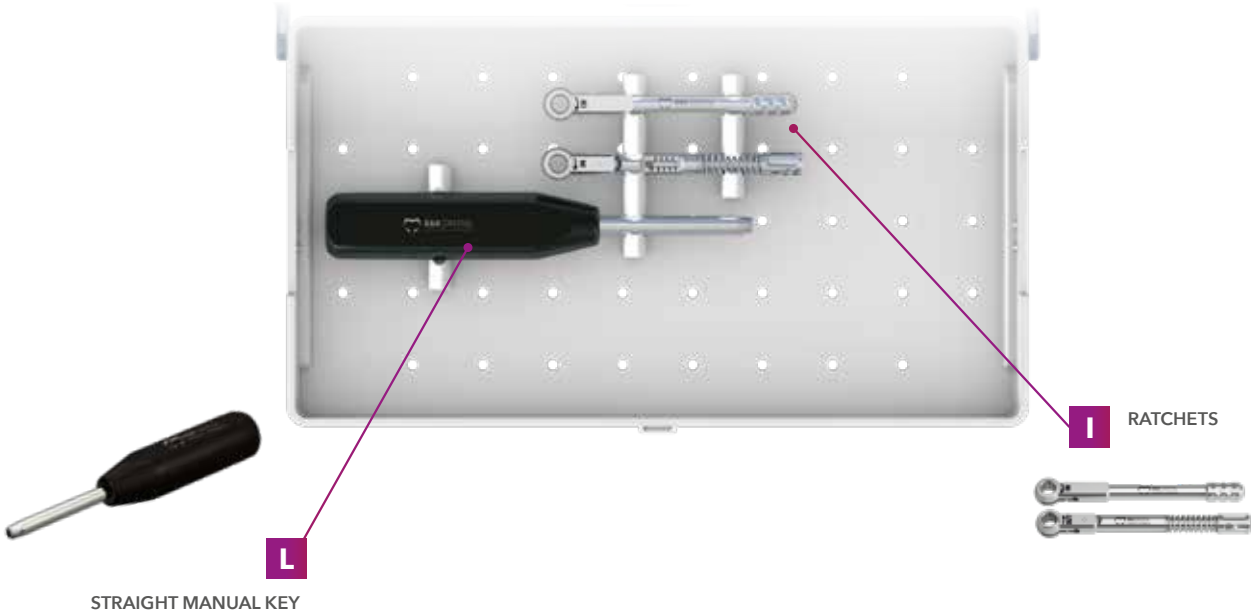
UPPER TRAY



REV. 3D-00093SC

Upper tray	
Crestal pin Ø 4,2 H.7	Ref. GD-PIN/57
Crestal pin Ø 4,2 H.10	Ref. GD-PIN/510
Crestal pin Ø 5,5 H.7	Ref. GD-PIN/67
Crestal pin Ø 5,5 H.10	Ref. GD-PIN/610
Pin	Ref. GD-PING
Pin drill	Ref. GD-FOG
Positioner for straight MUA	Ref. INN-00637
Positioner for angled MUA	Ref. 023-MUA
Reamer	Ref. GD-BM
Mucotome	Ref. GD-263
Crestal leveller	Ref. GD-264
Screw driver (short)	Ref. INN-61000
Screw driver (long)	Ref. INN-61000L
Extractor key	Ref. INN-6161L
Lance drill	Ref. GD-LANCIA
Converter	Ref. GD-708
Drill Ø 2,1 L.8	Ref. GD-21-08
Drill Ø 2,1 L.10	Ref. GD-21-10
Drill Ø 2,1 L.12	Ref. GD-21-12
Drill Ø 2,1 L.14	Ref. GD-21-14
Drill Ø 3 L.8	Ref. GD-30-08
Drill Ø 3 L.10	Ref. GD-30-10
Drill Ø 3 L.12	Ref. GD-30-12
Drill Ø 3 L.14	Ref. GD-30-14
Drill Ø 3,5 L.8	Ref. GD-35-08
Drill Ø 3,5 L.10	Ref. GD-35-10
Drill Ø 3,5 L.12	Ref. GD-35-12
Drill Ø 3,5 L.14	Ref. GD-35-14
Drill Ø 4 L.8	Ref. GD-40-08
Drill Ø 4 L.10	Ref. GD-40-10
Drill Ø 4 L.12	Ref. GD-40-12
Drill Ø 4 L.14	Ref. GD-40-14
Drill Ø 4,5 L.8	Ref. GD-45-08
Drill Ø 4,5 L.10	Ref. GD-45-10
Drill Ø 4,5 L.12	Ref. GD-45-12
Drill Ø 4,5 L.14	Ref. GD-45-14

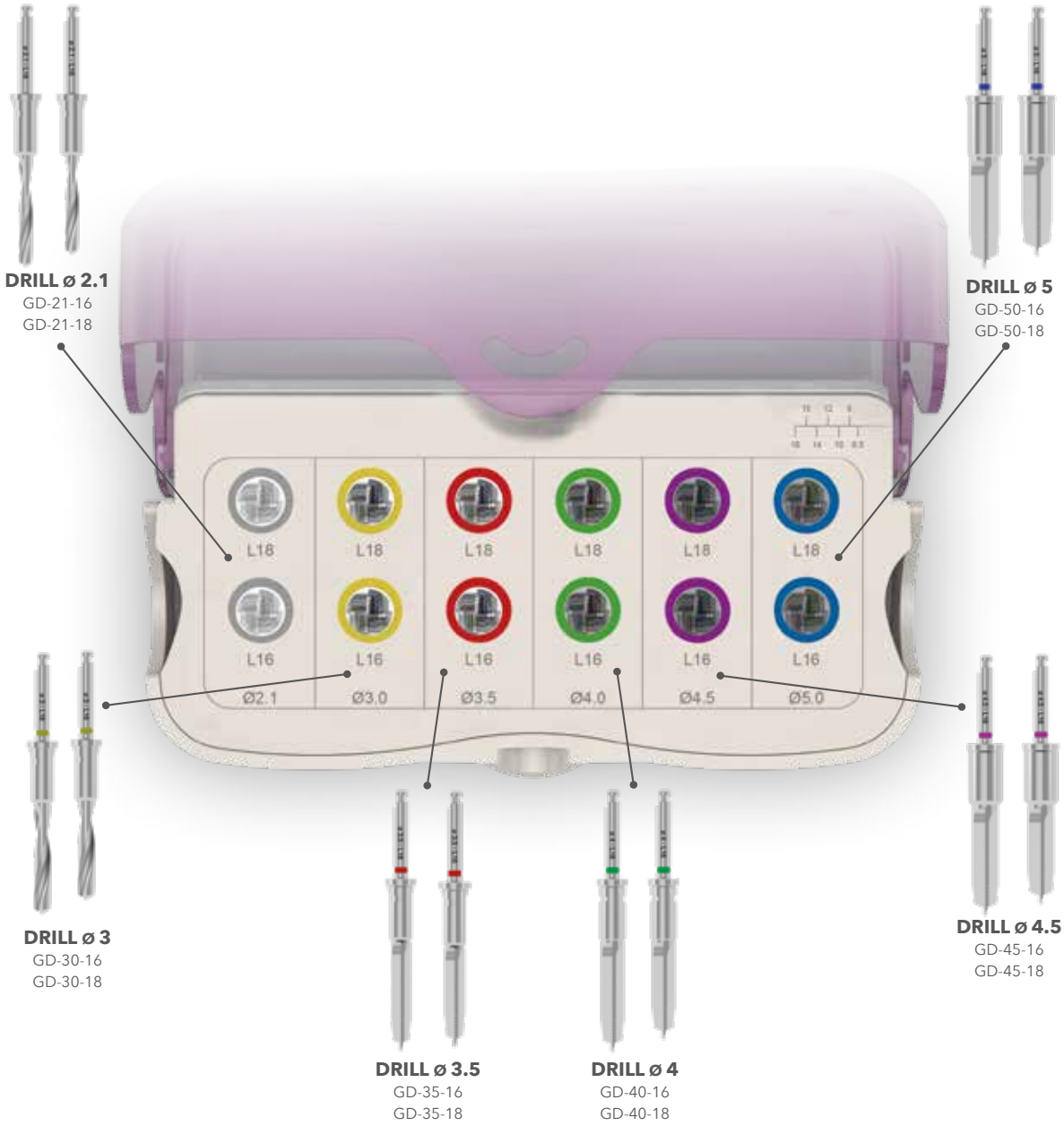
LOWER TRAY



Drill Ø 5 L.8	Ref. GD-50-08
Drill Ø 5 L.10	Ref. GD-50-10
Drill Ø 5 L.12	Ref. GD-50-12
Drill Ø 5 L.14	Ref. GD-50-14
Countersink drill Ø 3	Ref. GD-SV-30
Countersink drill Ø 3,5	Ref. GD-SV-35
Countersink drill Ø 4	Ref. GD-SV-40
Countersink drill o Ø 4,5	Ref. GD-SV-45
Countersink drill Ø 5	Ref. GD-SV-50
Guided mounter (SLIM implant)	Ref. GD-00578
Guided implant driver	Ref. GD-701
Guided direct driver	Ref. GD-00778
Mounter extractor	Ref. GD-776
Driver for mounters	Ref. GD-769
Mounter Ø 3-Ø 3,4 H.0	Ref. GD-768/3
Mounter Ø 3-Ø 3,4 H.+2	Ref. GD-768/32
Mounter Ø 3-Ø 3,4 H.+4	Ref. GD-768/34
Mounter Ø 3,5-Ø 4 H.0	Ref. GD-768/1
Mounter Ø 3,5-Ø 4 H.+2	Ref. GD-768/12
Mounter Ø 3,5-Ø 4 H.+4	Ref. GD-768/14
Mounter Ø 4,5-Ø 5 H.0	Ref. GD-768/2
Mounter Ø 4,5-Ø 5 H.+2	Ref. GD-768/22
Mounter Ø 4,5-Ø 5 H.+4	Ref. GD-768/24
Compactor Ø 2,1	Ref. GD-761/2
Compactor Ø 3	Ref. GD-761/2A
Compactor Ø 3,5	Ref. GD-761/3A
Compactor Ø 4	Ref. GD-761/4A
Compactor Ø 4,5	Ref. GD-761/5A
Compactor Ø 5	Ref. GD-761/6A

Lower tray	
Straight manual key	Ref. 3P-00090CM
Torque ratchet	Ref. 00376DIN
Ratchet	Ref. 00376

GUIDED KIT OFFSET +2 +4



REF. 3D-00093PLUS

Drill Ø 2,1 L. 16mm	Ref. GD-21-16	Drill Ø 4 L. 16mm	Ref. GD-40-16
Drill Ø 2,1 L. 18mm	Ref. GD-21-18	Drill Ø 4 L. 18mm	Ref. GD-40-18
Drill Ø 3 L. 16mm	Ref. GD-30-16	Drill Ø 4,5 L. 16mm	Ref. GD-45-16
Drill Ø 3 L. 18mm	Ref. GD-30-18	Drill Ø 4,5 L. 18mm	Ref. GD-45-18
Drill Ø 3,5 L. 16mm	Ref. GD-35-16	Drill Ø 5 L. 16mm	Ref. GD-50-16
Drill Ø 3,5 L. 18mm	Ref. GD-35-18	Drill Ø 5 L. 18mm	Ref. GD-50-18

GUIDED SLEEVES

The guided sleeves can have two dimensions and are presented as cylinders included in the surgical templates. They have the main function of guiding the surgical instruments during the preparation of the implant site by guiding the position and inclination of the drills. The sleeves are generally incorporated into the surgical templates and, if necessary, can be supplied separately.

LATERAL OPENING
It provides an easy access to the operative site

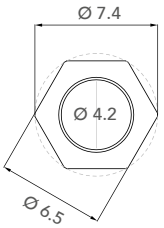
ONE HEIGHT
5 mm in height to ensure a stable and safe guide

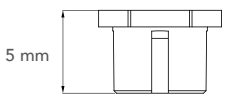
TWO DIAMETERS
A guaranteed guide for any implant diameter

HEXAGON
It provides an exact indication of the position of the hexagon implant

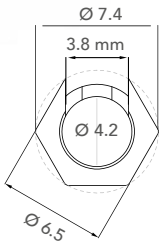
SLEEVE Ø 4.2 MM

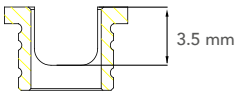
close





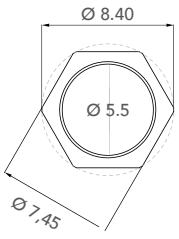
open

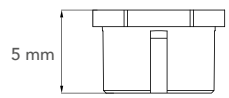




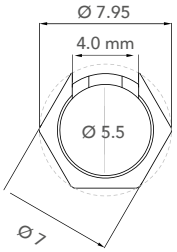
SLEEVE Ø 5.5 MM

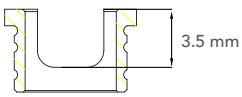
close





open





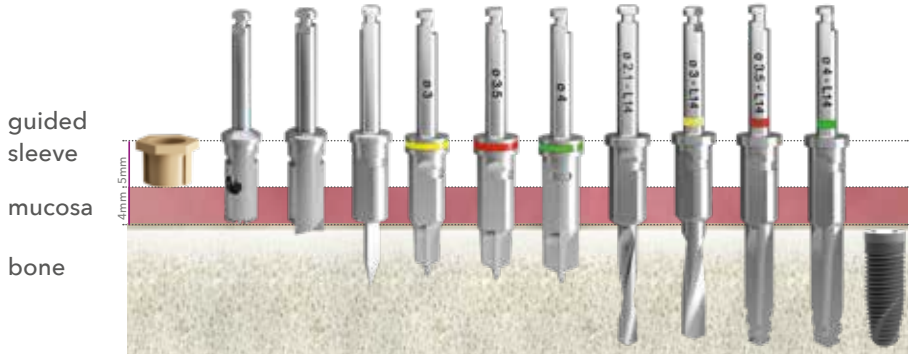
MATCHING WITH RADIOPAQUE MARKERS
In the eventuality of a patient with a total edentulism, in order to allow for the matching of the files derived from the cone beam and of the extraoral and / or intraoral impressions, it is important to place the radiopaque markers forming triangles as shown in the image. In order to guarantee a high degree of precision, the reduced dimensions of the B&B Dental markers allow for easy image acquisition in the cone beam, thereby avoiding problems of falsification or incomplete acquisition (especially with large markers) in the case of a cone beam with an insufficient field of view (FOV).

GD-SFERE
1 cf x 5 pcs

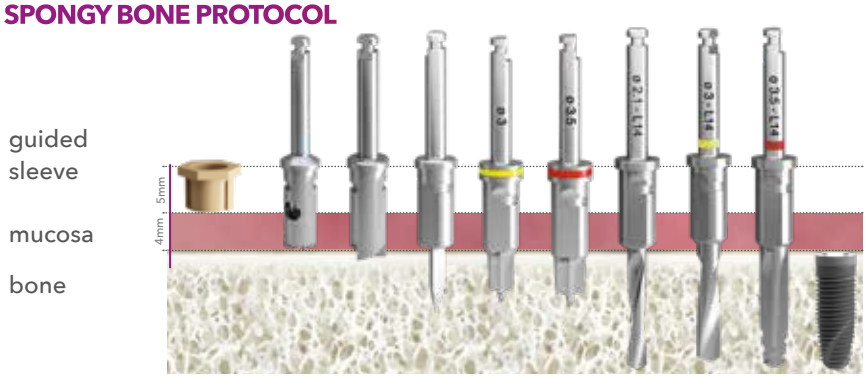
4.2 MM Ø SLEEVE

The drills are to be used successively in order to prepare the implant site to a size suitable for the implant to be placed in position. It is important to assess the hardness of the bone as hard bone may need the use of countersink drill to decrease the resistance given by the cortical bone. In cases where the bone is spongy, the use of compactors may be necessary to obtain primary stability.

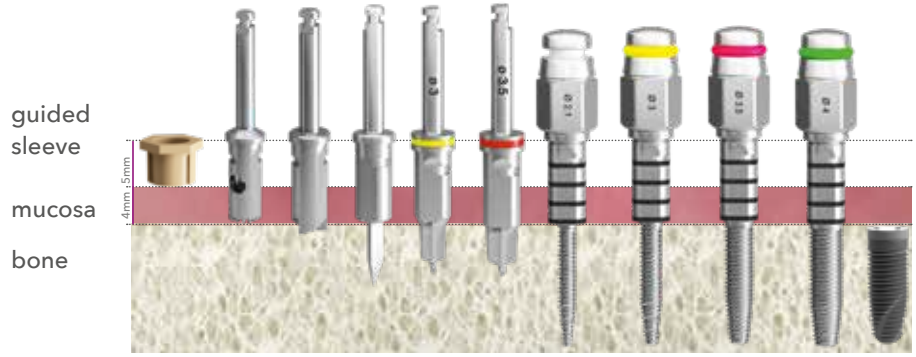
HARD BONE PROTOCOL



SPONGY BONE PROTOCOL



SPONGY BONE PROTOCOL WITH COMPACTORS



RECOMMENDED SPEED: spongy bone 350 - 600 rpm
hard bone 800 - 1000 rpm

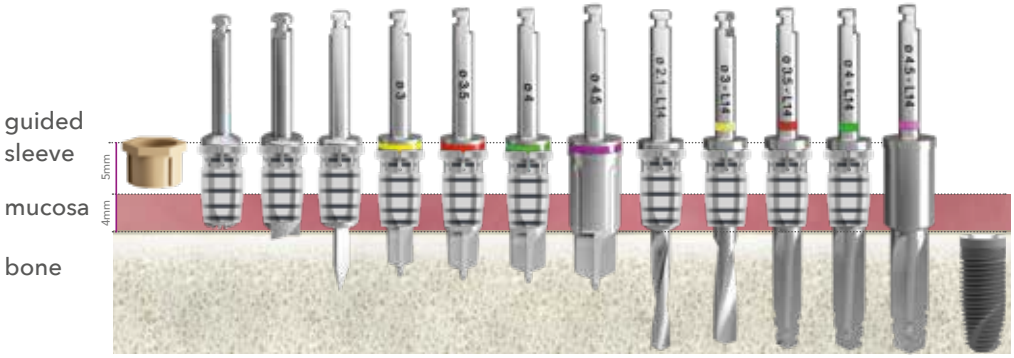
NOTE

Always bring the drills to the full-travel stop making sure to use the cooling systems to avoid excessive overheating. The drills prepare an osteotomy increased by 0.5 mm compared to the length of the implant.

5.5 MM Ø SLEEVE

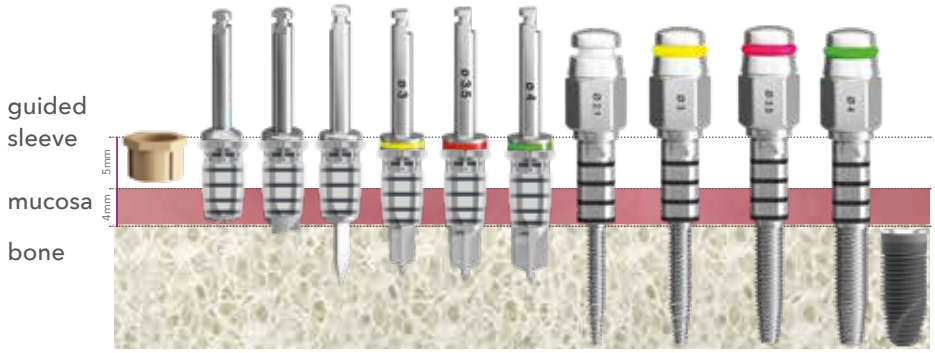
The first drills for the preparation of the osteotomy with 5.5 mm sleeves diameter must be coupled to the converter, allowing for a guided insertion into the sleeve. Larger diameter drills are already prepared with a neck diameter suitable for the wide sleeve.

HARD BONE PROTOCOL



SPONGY BONE PROTOCOL

SPONGY BONE PROTOCOL WITH COMPACTORS



GUIDED SURGERY KITS
MINI IMPLANTS LINE

REF. G-1807/1

Torque ratchet (50 NCM)	Ref. 8070.	Surgical drill (short) Ø 1.3mm	Ref. G-1013S
Manual butterly key	Ref. MD-3002	Surgical drill (short)Ø 2.0mm	Ref. G-1020S
Adapter (short)	Ref. S7007.	Surgical drill (long) Ø1.1mm	Ref. G-1011L
Adapter (long)	Ref. S7015.	Surgical drill (long) Ø1.3mm	Ref. G-1013L
Surgical drill (short) Ø 1.1mm	Ref. G-1011S	Surgical drill (long) Ø2.0mm	Ref. G-1020L

GUIDED SURGERY DRILLS KIT
MINI IMPLANTS LINE

REF. G-1807XS.

Surgical drill (short) Ø 1.1mm
Surgical drill (short) Ø 1.3mm
Surgical drill (short) Ø 2.0mm
Surgical drill (long) Ø1.1mm
Surgical drill (long) Ø1.3mm
Surgical drill (long) Ø2.0mm

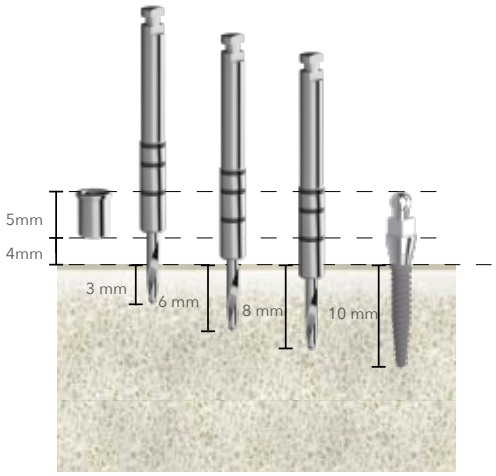
GUIDED SURGICAL PROTOCOL MINI IMPLANT

The MDI guided surgery system is made of 2 sets of 3 drills each. Long and short drills in the diameters of 1,1mm 1,3mm and 2mm. This allows the user to have guidance and follow the standard MDI protocol of under preparation of the site with a drill diameter that is less than the diameter of the implant as well as making an osteotomy that is 1/3 the total length of the implant. In the case of hard bone the user has the possibility of drilling deeper or wider through using the same sleeve guidance.

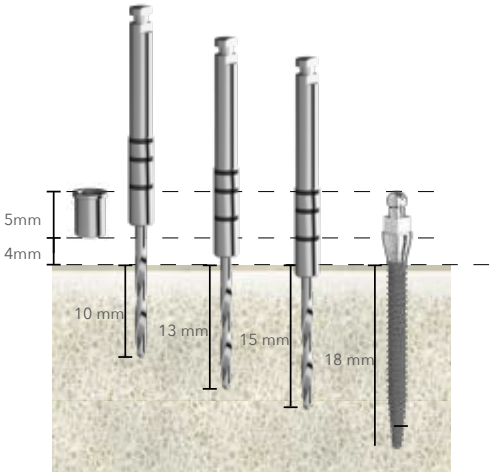
Please note: That by following the standard protocol the system provides for directional guidance but is not able to provide full depth and placement guidance for implant

SURGICAL PROTOCOL FOR GUIDED MINI IMPLANT DIAMETER Ø 1.8 mm - drills ø 1.1 mm

SHORT DRILLS

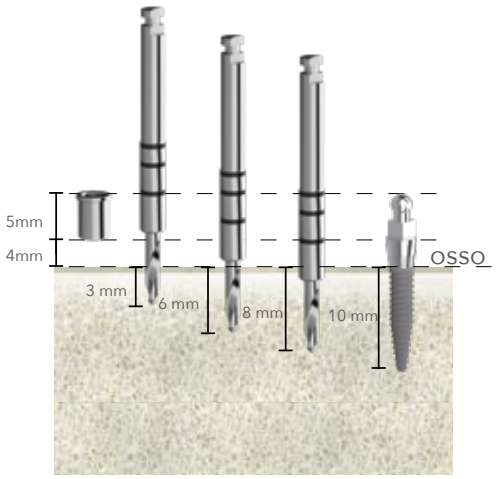


LONG DRILLS

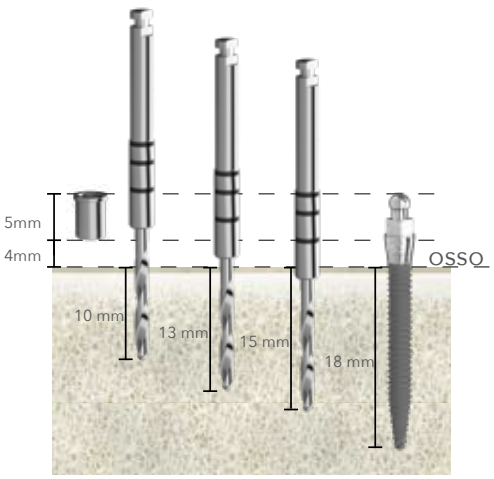


SURGICAL PROTOCOL FOR GUIDED MINI IMPLANT DIAMETER Ø 2.1 mm - drills ø 1.3 mm

SHORT DRILLS

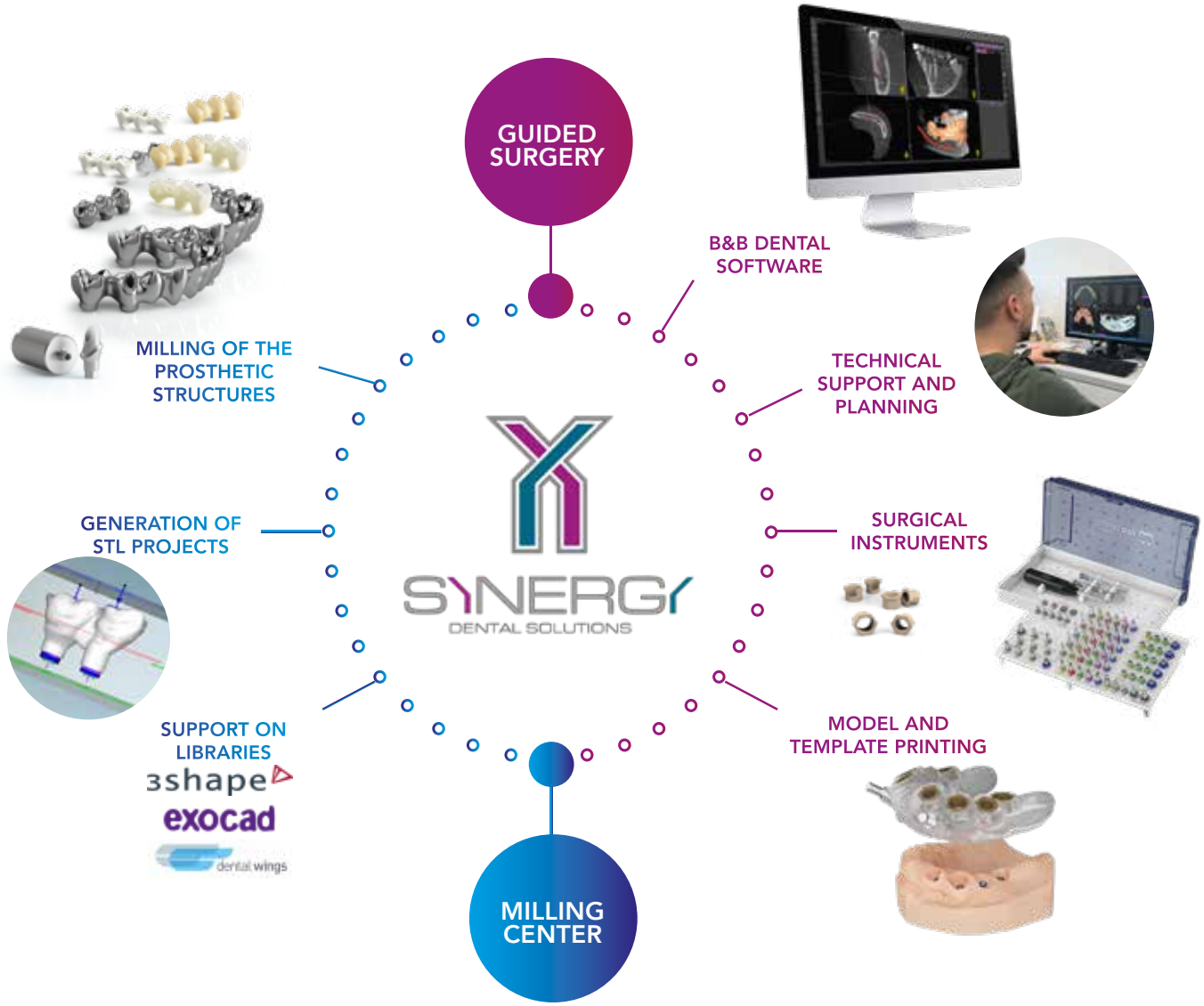


LONG DRILLS



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.




B&B

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