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IMPLANTOLOGY **2012**

btk the smile system®

IMPLANTOLOGY
2012

CE EC-marked products.

Quality system certified UNI EN ISO 9001/2008 and UNI EN ISO 13485/2004,
in accordance with Directive 93/42/EEC, Annex II(3).

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We work with a smile, for your smile.

btk the smile system®

IMPLANTOLOGY
2012

Contents

Welcome to **btk**, the house of all smiles.

Welcome to **btk – the smile system**, the only partner you need in modern Implantology.

For more than a decade, we have been providing professionals in Implantology with our exclusive know-how, creating certified and high-quality medical devices.

All internal productive processes are subject to the most accurate and detailed inspection procedures performed by our highly specialized personnel.

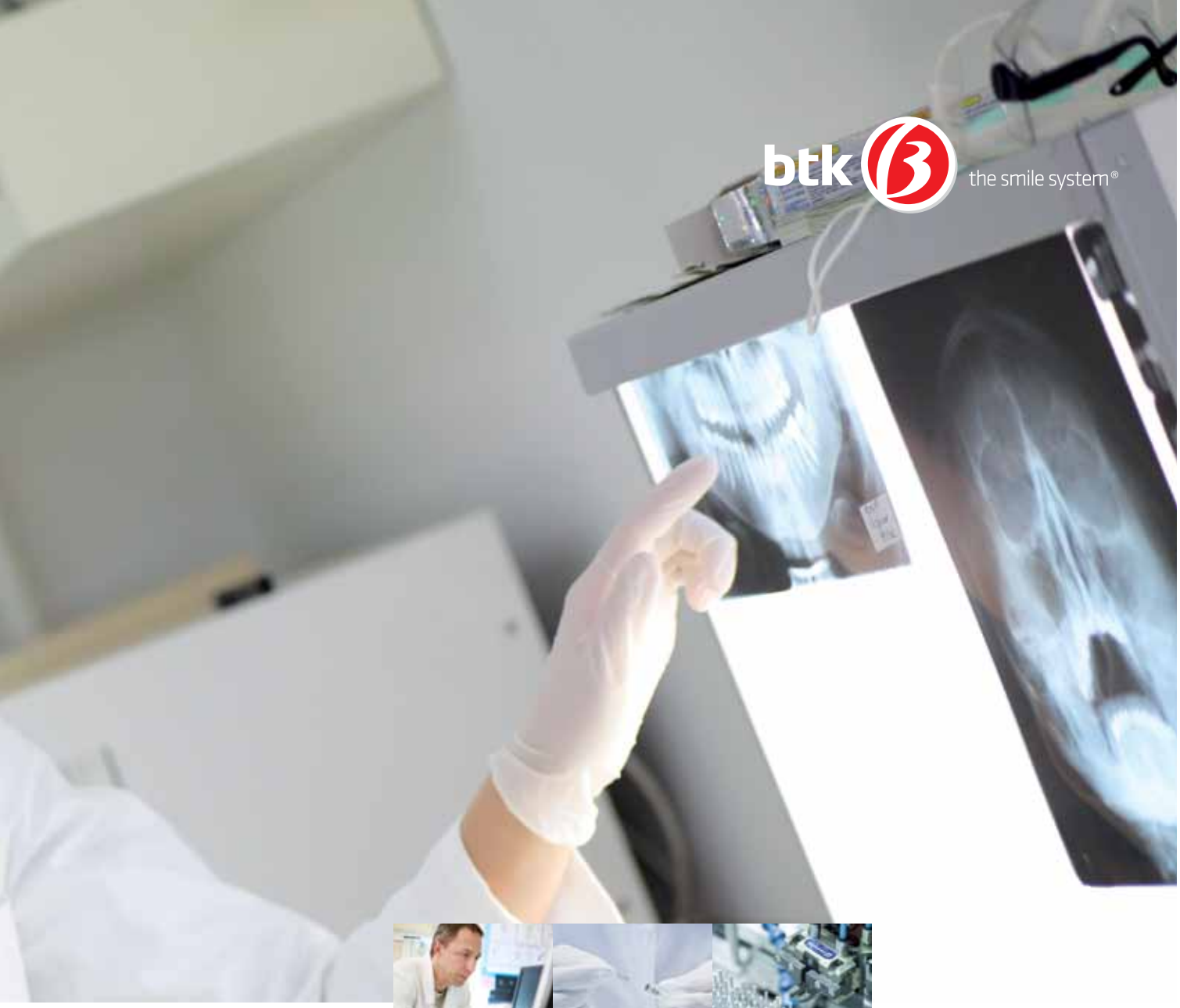
Superior reliability, customized services and enviable quality/price ratio guarantee our partners' needs absolute satisfaction.

btk – the smile system: smiles which will last forever.

Quality system certified UNI EN ISO 9001/2008 and UNI EN ISO 13485/2004,
in accordance with Directive 93/42/EEC, Annex II(3).

CE EC-marked products.

Absolute quality and detailed control.
100% made by **btk**.



We focus our attention on our medical devices quality and safety,
ensuring the highest **btk** standards of quality.

We use the most advanced systems for design, production and control, in order to optimize
our production systems and delete any possibility of errors or defects.

All btk medical devices are certified through EC-mark,
according to Directive 93/42/EEC – Annex II (our directive 2007/47/EC).

Our strict quality inspections ensure the best possible guarantee of reliability.

With professionals, for professionals.
This is how **btk** creates its medical devices.

The extremely wide range of **btk - the smile system** medical devices
is created through daily collaboration with professionals who work in implantology.

Dentists who choose **btk - the smile system** will be able to handle
any surgical procedure thanks to the versatility of all our easy-to-use medical devices,
and the logical disposition of all our components inside the surgical kit.

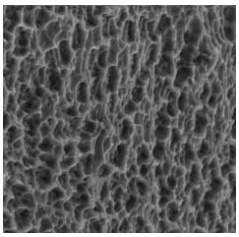
Our **btk** product specialists are always available for updates on the new medical devices, involving
all dentists in events and exclusive training opportunities supported by **btk**.

btk - the smile system
Biocompatibility, technology, know-how.
The reference partner for professionals in implantology.

Implants and Prosthetics

IMPLANTS SURFACE

Biotec-BTK uses grade 4 pure titanium to produce implants and grade 5 titanium (Ti6Al4V) for prosthetic components: both are certified according to strict ASTM American standards, with tension and mechanical elasticity values appropriate in maintaining and guaranteeing high resistance to occlusal loads. This guarantee is further extended by additional chemical and mechanical analysis controls on each supply lot.
For surgical instruments, Biotec uses stainless steel with excellent hardness and corrosion-proofing characteristics.

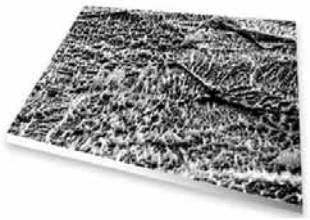


Treated surface profile at 7.500X

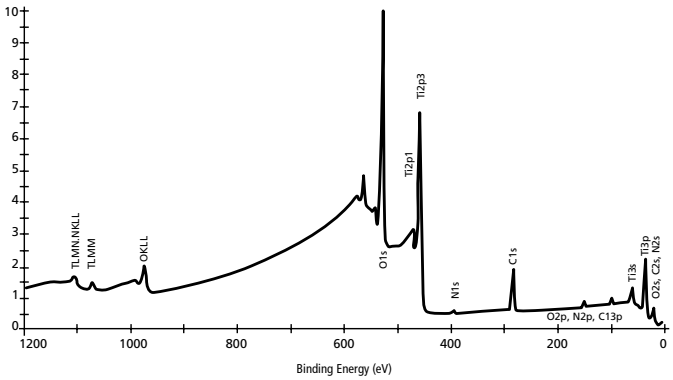
Biotec-BTK implant surface is realized through a Double Acid Etching Process.
This treatment aims at obtaining, by subtraction, an implant surface with controlled micro-roughness. An additional morphologic analysis at SEM (Scanning Electron Microscopy) shows how treatment surface roughness is able to replicate a dimension of craters with average values near 2 µm. These dimensions favour initial osteoblastic anchoring and therefore the interaction with the bone tissue, making osteointegration time shorter than other implant systems treated with different techniques.

Chemical composition

The chemical composition of the surface was analysed using XPS spectrum, one of the most widely used techniques for the studies on the surface features of materials. As reference text for this type of analysis: "Pratical Surface Analysis", Second Edition, Briggs and Sheah Eds., Wiley, Chichester, 1990.
This type of technique allows to obtain the quality and quantity composition of the most external material layers (for metals, the analysed depth is about 5 nanometres) and therefore provides for a direct indication of the chemical composition of the material layers that really comes into contact with bone tissue. Testings were made on several surface areas without demonstrating significant point to point variations.
Analysis results are expressed in atomic %.
The analysis of the obtained results (see figure at the bottom of this page) proves the presence of Titanium, Oxygen and Carbon as well as other elements. These elements, in the low percentages found, are commonly observed on the surfaces of implants in the market and cannot be considered as anomaly. Their presence is widely described in pertinent publications such as the above mentioned texts.
The most interesting aspect concerns the percentage of Titanium and Carbon found in the screw in question. Data indicates that it is a very clean surface, proven by the fact that the Titanium value is near the maximum value we observed on the market samples and found in articles on the subject. Regarding this, it is important to remember that the cleansing with plasma, an excellent way to remove contaminants, is further facilitated and made more efficient by the acid etching process. Chemical attack by acids, in fact, melts the outer part of the screw, which is obviously the most sensitive to processing contamination, removing both titanium and any contaminants.
Subsequent cleansing with plasma occours on an adequately degreased surface, thus employing maximum efficiency.



3D photo of the treated surface



Analysis XPS spectrum done on the treated surface

Decontamination

Implant surface cleansing is a fairly complex operation.
Although very pure, in fact, the solvents used for cleaning can leave traces on the underlying surface. The few impurities found or even the molecules of solvent can combine with the surface components, especially with reactive materials such as metals. The ideal cleaning instrument should be chemically unable to react with the device material and, at the same time, it must be very efficient in removing contaminants.
This ideal principle can be exploited with cleaning using plasma.
The decontaminant process using ARGON gas suitably introduced in a reactor is transformed into plasma. Plasma, made up of heavy gas ions, acts on the surface of the implant by removing any contaminant (figure 1).
X-ray photoelectric spectroscopic analysis tests (xps, esca) conducted on biotec implants surface underline the excellent level of quality and rough surface cleanliness as well as a 95% sole titanium chemical composition of the implant surface.


Figure 1

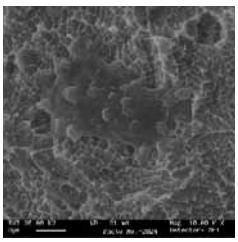


Figure 2

Adherence and cell growth testings

The purpose of this test was to directly observe the morphology of the cells adhered and grown on the implant screws through electron microscopy.
The cells used belong to the Saos-2 cell line. These cells were taken from human osteosarcoma, widely used in publications for similar studies.
Randomly chosen areas were photographed for each sample, both at low zoom, in order to obtain an overall view, and at higher zoom to better emphasise the particular characteristics of the single cells. Cell adhesion test results are documented in the SEM photos in figures 2-9.
Specifically, figure 2 illustrates one of the first phases of the experiment at 10.000 x. It shows a cell that adheres on the implant and is colonizing its roughened surface. To better emphasise the body of the cell, figure 3 is the same photo as figure 2, artificially coloured. The enlarged cell on the surface is coloured with green while the implant surface is golden yellow. The contact points between the cells and the surface are influenced by the roughness of the latter.
According to some recent theories (Boyan B. D, Schwartz Z., 2000, Modulation of osteogenesis via implant surface design in: Bone Engineering. Davies J. E. Ed., em squared, Toronto, 232-239), the benefits commonly ascribed to this type of surface morphology are derived from the effect of the surface roughness on cell morphology: substantially, the irregularity of these dimensions prevent the cell from appearing too flat, which rather happens on a smooth surface or on a surface with higher porosity dimensions than that of the cell. Excessive flattering would lead to the loss of some purely osteoblastic characteristics.
Figures 4 (6.500 x) and 5-6 (10.000 x) regard the surface colonization of the cells and emphasise the same aspects described above: the roughness of the surface influences cell morphology. Furthermore, it is also interesting to note that in themselves, these images confirm the absence of toxic effects since the cells appear to have good morphology and, substancially, are healthy.
Figures 7 and 8 (6.500 x) illustrate cell colonization progress: the first was taken after 4 hours while the second was taken at the end of the test period. It can be observed, in figure 8, that practically the entire surface seems covered by cells. The same observation can be made for figure 9, also taken at the end of the test period, confirming the good cell-surface interaction and the lack of toxic phenomenon on all screws colonized by cells.
In conclusion, the analysis demonstrate that osteoblatic type cells adequately grow on roughened surfaces, achieving complete cell colonization.

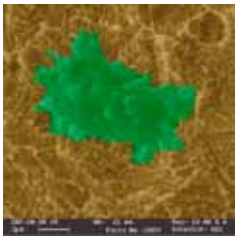


Figure 3

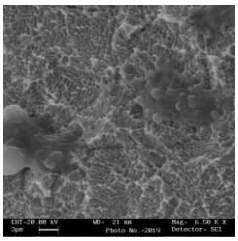


Figure 4

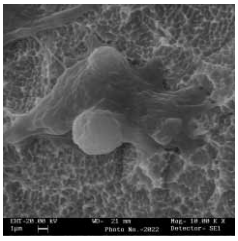


Figure 5

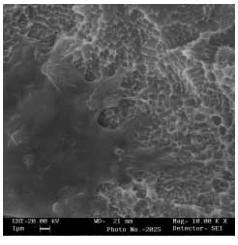


Figure 6

Citotoxicity tests

Citotoxicity tests were conducted on biotec implants to assess some aspects, especially to evaluate any toxic effect caused by implants on cells.
The cells used were L-929 type connective tissue fibroblasts.
The citotoxicity tests were conducted according to the ISO 10993-5 protocols: 1999, Biological Evaluation of Medical Devices Tests for in vitro cytotoxicity and international bibliography.
The results of the cytotoxicity tests conducted on screws demonstrate the total absence of toxic effects on the monolayer level cell in contact with implants. Specifically, not only dead cells were not observed, but gigantic multinucleate cells or cells with abnormal morphology were also not observed.
Behaviour similar to that of a negative control were always found for all samples evaluated. Typical evidence produced by microscopic observation is illustrated in figures 10-13.
They appear as purple polygons with a darker central area (nucleus area).
The dark shadow that can be observed at the bottom is the screw, obviously out of focus because on a different layer. For the screws in question (figures 12 and 13) and negative control (figure 10), it is seen that the cells have a normal aspect and have grown to shape a dense carpet almost reaching the screw (direct contact).
In the event of toxic effects, poorly or non-colonized cell areas or suffering or dead cells would appear as indicated in the image on positive control (figure 11).

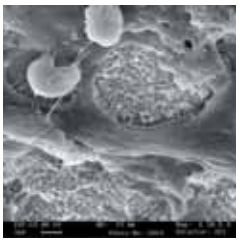


Figure 7

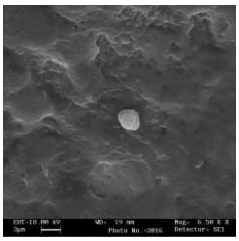


Figure 8

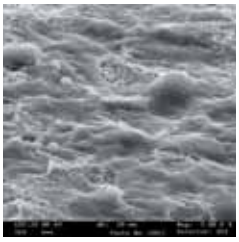


Figure 9

Sterilization process

All biotec implants are sterilized by accelerated electrons (Gamma rays).
This method is extremely efficient in eliminating micro-organisms such as bacteria, mould and yeast, in both vital or sporogenous form. Sterility is guaranteed with a 5 kGy (Kilo- Gray) ray; in spite of this Biotec has decided to give its customers a sterility guarantee five times superior to the standard, irradiating its products at 25 kGy.

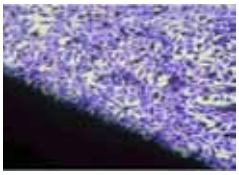


Figure 10

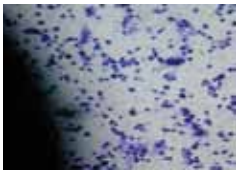


Figure 11

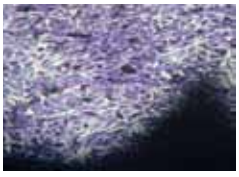


Figure 12

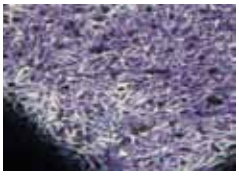


Figure 13

IMPLANTS FEATURES

Coupling stability between implant and abutment is ensured by a maximum precision connection and a large contact surface that allows a greater average stability.
Advanced processing technologies combined with constant and continuos dimensional checks guarantee maximum repeatability for Biotec-BTK products with a construction tolerance range of 0,00498 mm: a clearly lower value compared with other competitors.

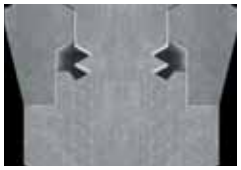


Photo scanning (50X)
Section: implant - retentive screw - abutment

Connection types

Biotec-BTK dental implants range is composed of various types of connections which satisfy all surgical needs.

INTERNAL HEXAGON

EXTERNAL HEXAGON

OCTAGONAL MORSE-TAPER

INTERNAL OCTAGON

SP INTERNAL HEXAGON

SP EXTERNAL HEXAGON

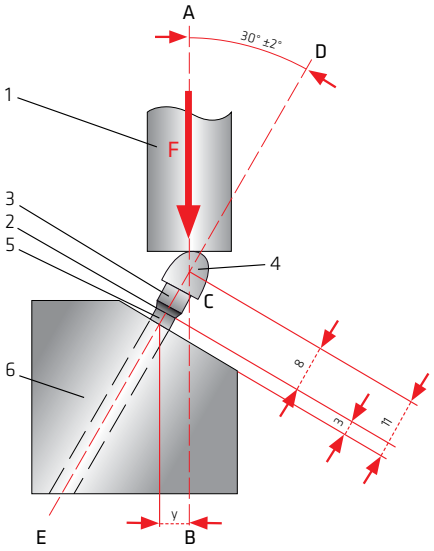
BT EVO DL implants are also available with Swithing Platform connection (SP): the reduced diameter of the abutment in proportion to the platform of the implant allows a greater respect of the biological extensiveness.

Photo scanning (50X)
Section: implant - retentive screw - abutment

Photo scanning (50X)
Implant - abutment coupling

Fatigue resistance test

After its insertion, a dental implant must withstand high functional loadings for a long time, therefore it must be highly fatigue-proof. For this reason, exhaustive fatigue tests have been performed. All tests have been conducted according to the standard EN ISO 14801 (fatigue test on intraosseus dental implants - see figure beside).
The implant, which is made up of intraosseus area and screwed up abutment, presents a normalized crown and has been subjected to cyclical forces endurance tests. The test has been performed at a 30° angle. The purpose was to establish the force which doesn't enable the breaking of the system not even after 5 millions loadings. The examination has been conducted on intraosseus BT EVO implants with diameter 3.3mm and lenght 13mm. The screwing has been performed with 30 Ncm tightening torque. With 5 millions loading cycles, the supported force was 200 N. The testing definitely confirms the philosophy of the implant BT EVO, that is the will to create a synthesis between elements of proven quality, the last knowledges in Implantology and the current functionality and aesthetics demands.



Fatigue test scheme

LEGEND
1 load device
2 nominal bony level
3 abutment
4 hemispherical load device
5 implant body
6 sample holder

A Free transversal motion is allowed to the load direction.
B If the nominal bony level is not specified in the instructions manual, the worst circumstance has to be applied.

BTK dental implants types

BT KLASSIC

- Cylindric implant
- Internal and external hexagon connection system
- Four apical cutting cavities design

BT KONIC

- Conic implant
- Internal and external hexagon connection system
- Hemispherical implant apex

BT EVO DL

- Mixed cylindrical-conic implant (cylindric body, with a soft conicity due to threads profile)
- Internal and external hexagon connection system, both available in standard and Switching Platform (SP) versions
- Hemispherical implant apex

SHORT IMPLANTS
Suitable for implant rehabilitation in atrophic crests, thanks to their reduced dimensions that avoid maxillary sinus or inferior alveolar nerves injuries.
The absence of bone grafts or maxillary sinus lift operations simplify and accelerate the surgical procedure protocol.

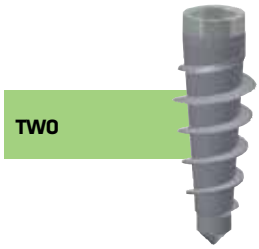
SWITCHING PLATFORM (SP)
The reduced diameter of the abutment in proportion with the platform of the implant allows a greater respect of the biological extensiveness.

8NECK

- Smooth neck, which is suitable for monophasic surgery
- Octagon with tapering connection
- Uncutting apex

8FORM

- Conic implant
- Octagon with tapering connection
- Double-lead threads



TWO

- Conic implant
- Internal octagon connection
- High primary retention

MINI

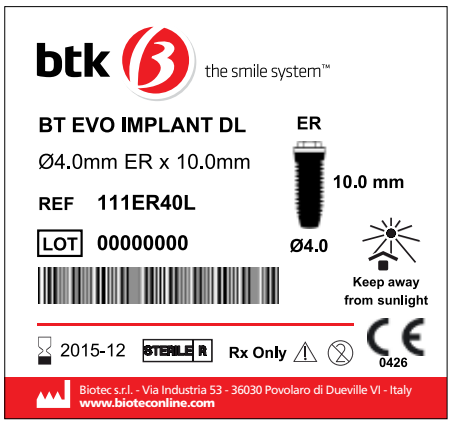
- Thin and little invasive implant
- Prosthesis not required
- Suitable for monophasic surgery

Packaging

To the traditional Biotec packaging, the new BTK packaging has been conceived: thanks to the specific colour coding for each implant line, it allows an immediate recognition of the implant needed.
Its improved opening and compact dimensions facilitates its storage.

External label

Positioned on the back of the packaging, it provides detailed information about the implant.



LOT	Batch number
REF	Article code
STERILE R	Sterilized by gamma irradiation
Rx only	Product sold and subscribed by entitled dentists
CE	BTK-Biotec products carry the CE mark and fulfill the requirements of the Medical Devices Directive 93/42 EEC

	Do not reuse
	Caution, refer to instructions for use
	Use before expiry date
	Do not expose to sunlight

Sterile phial

The sterile phial is composed of an external covering phial, which functions as a sterile barrier, and an internal phial, which contains an implant, a mounting device and a cover screw. The package as a whole ensures an easy access to both implant and cover screw.

Cap label and implants diameters

The sealing label which fastens the sterile phial supplies all the necessary information for a correct identification of the implant.

4.0 x 10.0 ER - DL		4.0 x 10.0 ER - DL	4.0 x 10.0 ER - DL	
0000000	11108		0000000	11108

Its colour enables an immediate recognition of the implant diameter (see table below).

IMPLANT DIAMETER	3,25 mm	3,25 mm PL	3,3 mm	3,75 mm	4,0 mm	4,1 mm	4,25 mm	4,8 mm	5,0 mm
CAP LABEL COLOUR	3,25	3,25 PL	3,3	3,75	4	4,1	4,25	4,8	5

Internal label

The transparent internal label wraps the sterile phial and contains all information needed to identify the implant. It is made of three parts, two of which are removable, that are useful to be applied in the medical history and in the "Implant Passport" of the patient.

IMPIANTO BT EVO DL ER
Ø4,0 x 10.0mm
REF: **02711108** LOT **00000000**

CE

IMPIANTO BT EVO DL ER
Ø4,0 x 10.0mm
REF **02711108**

3000-12

IMPIANTO BT EVO DL ER
Ø4,0 x 10.0mm
REF: **02711108** LOT **00000000**

Implants summary

INTERNAL HEXAGON

cylindric body
four apical cutting cavities
available diameters:

3,25 | 3,75 | 4,25 | 5

conic body
hemispherical apex
available diameters:

3,25 | 4 | 5

mixed cylindrical-conic implant
hemispherical apex
available diameters:

3,3 | 4 | 5

EXTERNAL HEXAGON

cylindric body
four apical cutting cavities
available diameters:

3,25 | 3,25 PL | 3,75 | 4 | 5

conic body
hemispherical apex
available diameters:

3,25 | 4 | 5

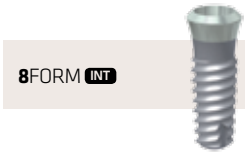
mixed cylindrical-conic implant
hemispherical apex
available diameters:

3,3 | 4 | 5

OCTAGONAL MORSE-TAPER CONNECTION

cylindric body
Uncutting apex
available diameters:

3,3 | 4,1 | 4,8



conic body
double-lead threads
available diameters:

3,3 | 4,1 | 4,8

INTERNAL OCTAGON

conic body
high primary retention

available diameters:
4 mm - 5 mm - 6 mm

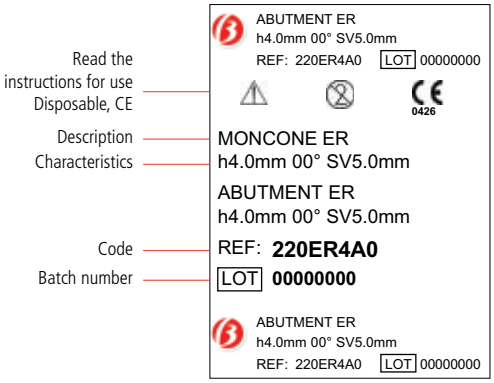
SPECIAL IMPLANTS

thin and little invasive implant
suitable for monophasic surgery

available diameters:
1,9 mm - 2,5 mm

Prosthetic label

Positioned in the back of the packaging, it provides detailed information about the containing device.



Sticker

The coloured sticker applied on the label points out the prosthetic platform of its device (see table below).

Prosthetic platforms

Biotec-BTK keyword is "compatibility" with regard to the implant lines with the same implant-abutment connection. This means that different implant lines with the same connection share the same prosthesis. The table below highlights the simplification in the use of prosthesis brought by this intuition.

EXTERNAL HEXAGON

IMPLANT TYPE	DIAMETERS	PROSTHETIC PLATFORM
BT **KLASSIC** EXT	3,25	EN
BT **KONIC** EXT	3,25	
BT **EVO DL** EXT	3,3 - 3,3 SP	
BT **KLASSIC** EXT	3,25 PL - 3,75 - 4	ER
BT **KONIC** EXT	4	
BT **EVO DL** EXT	4 - 4 SP	
BT **KLASSIC** EXT	5	EW
BT **KONIC** EXT	5	
BT **EVO DL** EXT	5 - 5 SP	

INTERNAL HEXAGON

BT **KLASSIC** INT	3,25 - 3,75	IR
BT **KONIC** INT	3,25 - 4	
BT **EVO DL** INT	3,3 - 3,3 SP - 4 - 4 SP	
BT **KLASSIC** INT	4,25	IM
BT **KLASSIC** INT	5	IW
BT **KONIC** INT	5	
BT **EVO DL** INT	5 - 5 SP	

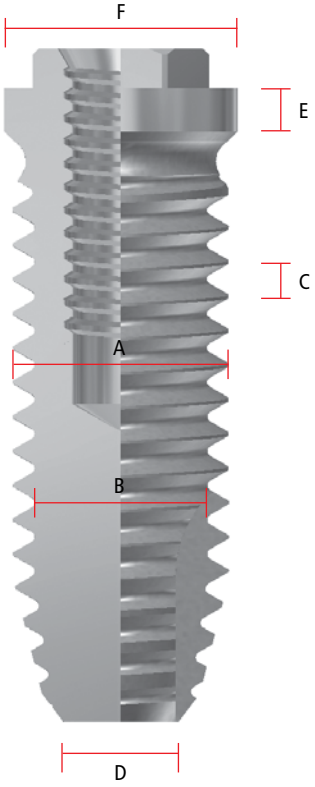
OCTAGONAL MORSE-TAPER

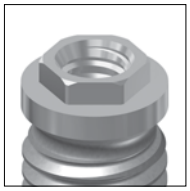
8NECK INT	3,3 - 4,1 - 4,8	SR
8FORM INT	3,3 - 4,1 - 4,8	

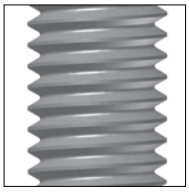
external hexagon implants

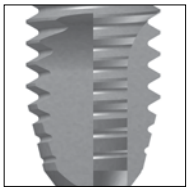
BT KLASSIC EXT

Cylindrical implant with external hexagon connection

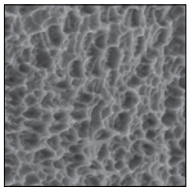



External hexagon


Cylindrical body


Four apical cutting cavities


Self tapping properties


DAES surface

A	B	C	D	E	F	
IMPLANT DIAMETER	IMPLANT BODY DIAMETER	TWIRL SPREAD	PEAK DIAMETER	SMOOTH NECK	PLATFORM	THREADING
3,25	2,5	0,6	1,85	1,5	3,4	M 1,8
3,25 PL	2,5	0,6	1,85	0,7	4,1	M 2,0
3,75	3,0	0,6	2,0	0,7	4,1	M 2,0
4	3,3	0,6	2,35	0,7	4,1	M 2,0
5	3,8	0,9	3,25	0,7	5	M 2,0

All measurements are in millimeters

BT KLASSIC EXT ADVANTAGES ARE:

- Cylindrical body. Classic, well known and compatible with all the advantages of BTK implant lines
- Simple, safe and reliable surgical protocol
- Unified prosthetics which fits with other BTK implant lines
- Colour coding for prosthetics, for easy identification and precise coupling with implants
- All prosthetics devices are laser marked

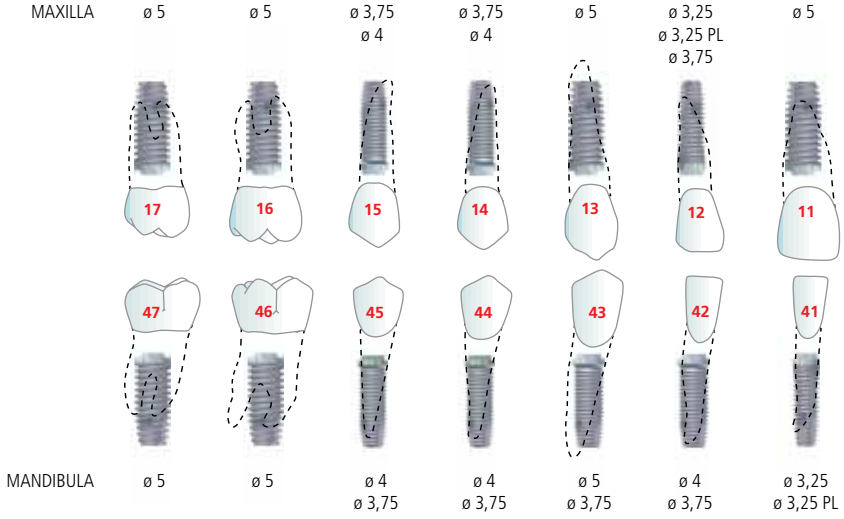
DIAMETER/ CONNECTION		NOMINAL LENGHT	REFERENCE	DESCRIPTION	RENDERING
3,25	EN	8,5	103EN32J	BT KLASSIC IMPLANT Ø3,25MM EN X 8,5MM	
		10	103EN32L	BT KLASSIC IMPLANT Ø3,25MM EN X 10MM	
		11,5	103EN32M	BT KLASSIC IMPLANT Ø3,25MM EN X 11,5MM	
		13	103EN32P	BT KLASSIC IMPLANT Ø3,25MM EN X 13MM	
		15	103EN32R	BT KLASSIC IMPLANT Ø3,25MM EN X 15MM	
3,25 PL	ER	8,5	103ER32J	BT KLASSIC IMPLANT Ø3,25PLMM ER X 8,5MM	
		10	103ER32L	BT KLASSIC IMPLANT Ø3,25PLMM ER X 10MM	
		11,5	103ER32M	BT KLASSIC IMPLANT Ø3,25PLMM ER X 11,5MM	
		13	103ER32P	BT KLASSIC IMPLANT Ø3,25PLMM ER X 13MM	
		15	103ER32R	BT KLASSIC IMPLANT Ø3,25PLMM ER X 15MM	
3,75	ER	8,5	103ER37J	BT KLASSIC IMPLANT Ø3,75MM ER X 8,5MM	
		10	103ER37L	BT KLASSIC IMPLANT Ø3,75MM ER X 10MM	
		11,5	103ER37M	BT KLASSIC IMPLANT Ø3,75MM ER X 11,5MM	
		13	103ER37P	BT KLASSIC IMPLANT Ø3,75MM ER X 13MM	
		15	103ER37R	BT KLASSIC IMPLANT Ø3,75MM ER X 15MM	
4	ER	8,5	103ER40J	BT KLASSIC IMPLANT Ø4MM ER X 8,5MM	
		10	103ER40L	BT KLASSIC IMPLANT Ø4MM ER X 10MM	
		11,5	103ER40M	BT KLASSIC IMPLANT Ø4MM ER X 11,5MM	
		13	103ER40P	BT KLASSIC IMPLANT Ø4MM ER X 13MM	
		15	103ER40R	BT KLASSIC IMPLANT Ø4MM ER X 15MM	
5	EW	8,5	103EW50J	BT KLASSIC IMPLANT Ø5MM IW X 8,5MM	
		10	103EW50L	BT KLASSIC IMPLANT Ø5MM IW X 10MM	
		11,5	103EW50M	BT KLASSIC IMPLANT Ø5MM IW X 11,5MM	
		13	103EW50P	BT KLASSIC IMPLANT Ø5MM IW X 13MM	
		15	103EW50R	BT KLASSIC IMPLANT Ø5MM IW X 15MM	

Implants are supplied with pre assembled mounting device and cover screw Hex. 0,90 screwable with driver Hex. 0,90

SURGICAL PROCEDURE

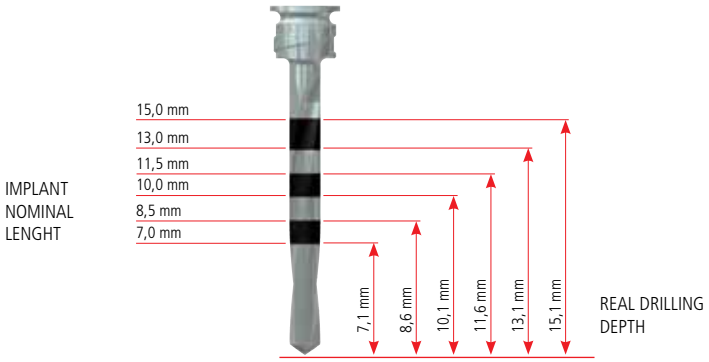
Implant planning

A correct and appropriate planning is necessary in order to remark implant dimensions and relative prosthetic part, or rather root-crown relationship. The surgical planning reported in this catalogue refers to an "ideal" implant protocol; it's indicative but also useful to the dentist in order to help him making all his evaluations.



Depth marks

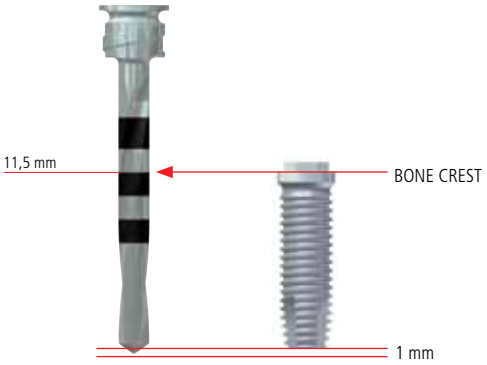
The depth mark of each lenght indicates the crestal positioning for the corresponding implant lenght. The drill tip has to be considered while preparing the osteotomy.



Implant positioning

CRESTAL POSITIONING

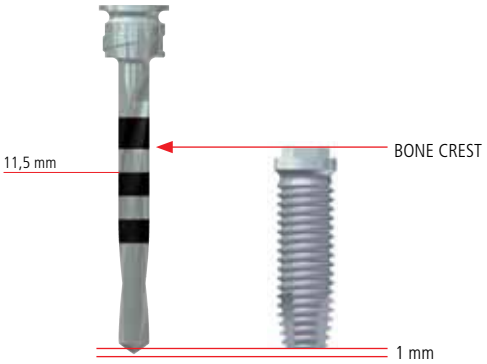
When BT KLASSIC EXT is inserted in crestal positioning, the platform of the implant should be positioned at the bone crest level. To obtain the correct depth, drill up to the depth mark that refers to the implant lenght.



Implant L = 11,5 mm

SUB-CRESTAL POSITIONING

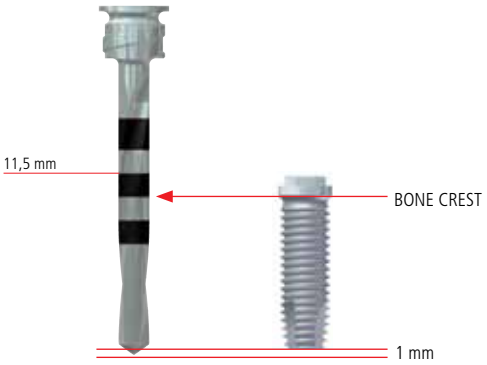
When BT KLASSIC EXT implant is inserted in sub-crestal positioning, the platform of the implant should be positioned under the bone crest level. This tecnique is used overall in the anterior region to achieve the best aesthetic result. To obtain the correct depth, drill up to the depth mark that refers to the subsequent implant lenght.



Implant L = 11,5 mm

SUPRA-CRESTAL POSITIONING

When BT KLASSIC EXT implant is inserted in supra-crestal positioning, the platform of the implant should be positioned above the bone crest level. To obtain the correct depth, drill up to the depth mark that refers to the previous implant lenght.



Implant L = 11,5 mm

Surgical procedure warnings

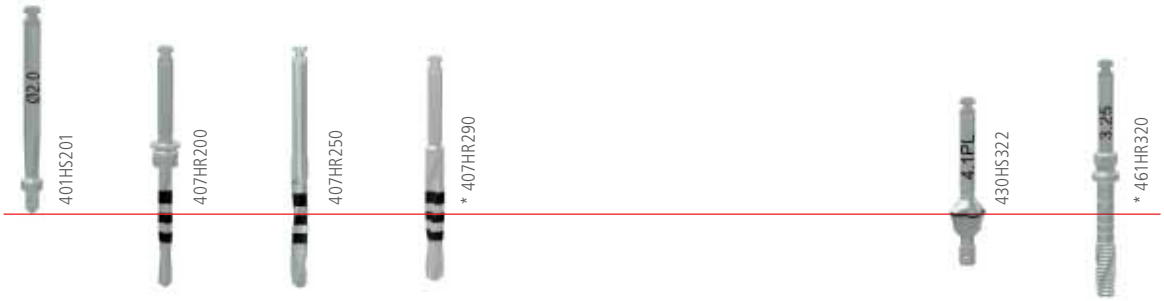
To assure the patient the lowest painful post-operation course, as well as the reduction or absence of associated swellings, a minimum susceptibility to infections and injury recovery without complications, the surgery must be performed in a short amount of time, in respect of all tissues.
The following instructions must be observed during the preparation of the implant site:
-ensure sufficient cooling with pre-cooled physiological solution (5°C);
-check cutting instrument sharpness and always use them in ascending order (from the smallest diameter to the largest);
-observe the maximum number of rounds for each drill type;
-while drilling, combine a slight pressure with an alternating "up-down" movement every 1-2 seconds for a correct cooling action.

Surgical sequence

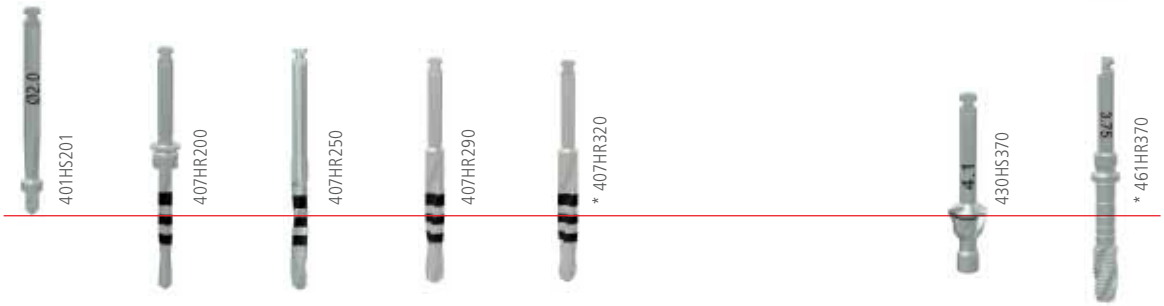
The below surgical sequence refers to a crestal positioning of an implant 11,5 mm long

ø 3,25 IMPLANT

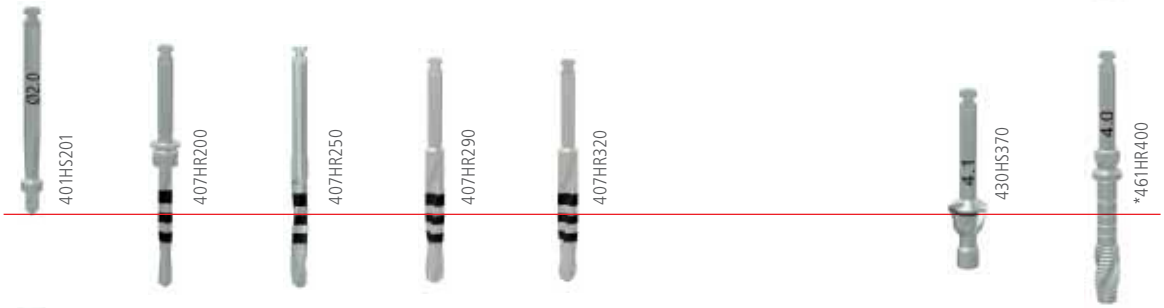
ø 3,25PL IMPLANT



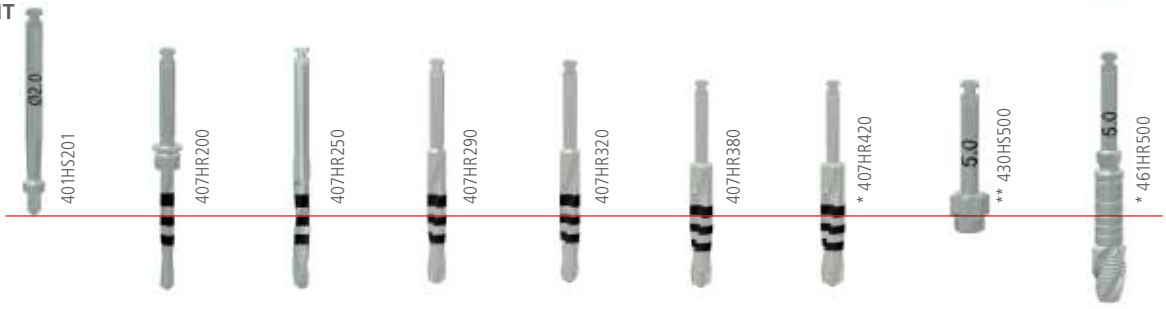
ø 3,75 IMPLANT



ø 4 IMPLANT



ø 5,00 IMPLANT



* Use in case of compact bone (D1-D2) ** Use in case of hard cortical bone

Surgical procedure

LANCE DRILL
After opening the gingival flap through incision and scraping, use the lance drill to create a space on the cortical bone, useful to the positioning of the pilot drill tip. Recommended speed: 800 - 1000 rpm.

PILOT DRILL
Drill with the Ø2,0mm pilot drill up to the depth pointed out by the mark which refers to the implant positioning planned. An abundant external
irrigation through pre-cooled physiological solution is suggested. Recommended speed: 800 - 1000 rpm.

DEPTH GAUGE
To check depth, position and angulation of the hole it is possible to use the depht gauge, inserting it in the implant site.

FINAL DRILLS
Enlarge the implant site following the drill sequence indicated for each implant diameter. Respect the depth, referring to the marks reported on the drill. It's recommended an abundant external irrigation through pre-cooled physiological solution.
Recommended speed:
drill Ø 2,5 --> 800 - 1000 rpm
drill Ø 2,9 --> 800 - 1000 rpm
drill Ø 3,2 --> 800 - 1000 rpm
drill Ø 3,8 --> 800 - 1000 rpm
drill Ø 4,2 --> 600 - 800 rpm

COUNTERBORE
When necessary, prepare the cortical zone using the counterbore (see implant positioning and surgical sequence for further information). In case of crestal positioning of the implant, the laser marking reported on the instrument indicates the correct depth. An abundant external irrigation through pre-cooled physiological solution is suggested.
Recommended speed: 300 - 400 rpm

TAPPING SCREW
To be used in case of compact bone (D1-D2). Position the tip of the tapping screw in the site prepared and start to screw slowly (max 15 rpm) applying a little pressure. Once the thread is engaged, proceed for some turns without no more pressure, preferably with an alternate movement (one turn forward followed by half turn back and so on). When the correct depth corresponding to the relative mark of reference has been reached, carefully unscrew the tapping screw.

IMPLANT TAKING
Take the implant from the packaging using a wrench for handpiece or a manual wrench.

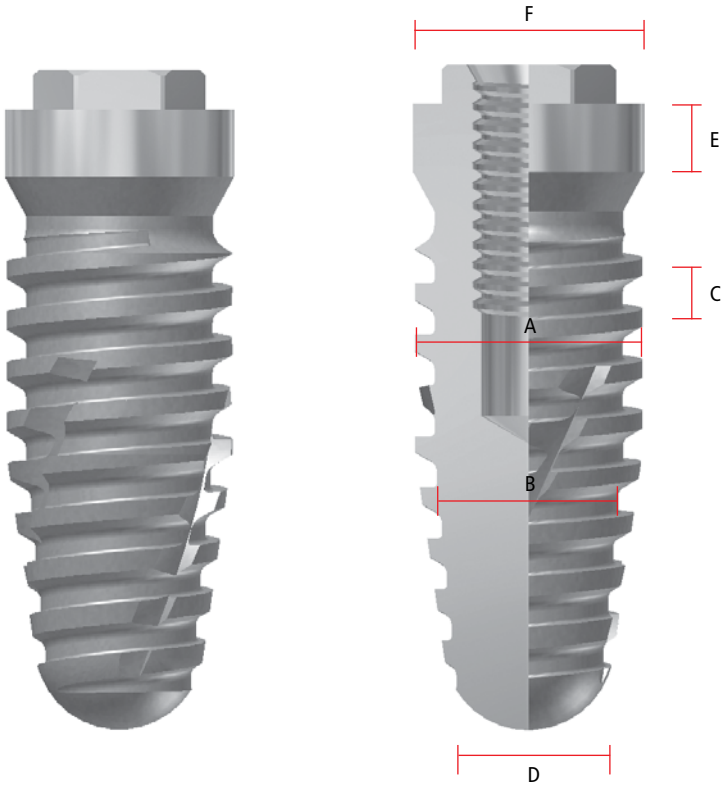
IMPLANT INSERTION
Insert the implant slowly (max 15 rpm) making sure to perfectly engage the thread, if prepared before. During the insertion of the implant, do not exceed the maximum torque of 35 Ncm, in order not to damage the implant connection. If the implant doesn't reach the desired depth, DO NOT FORCE, remove it from the site and repeat the drilling and tapping operations checking the depth and the correct surgical sequence.

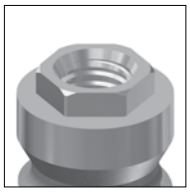
MOUNTING DEVICE REMOVAL
Remove the mounting device, unscrewing the retentive screw with a driver Hex. 1,20. In order not to risk to unscrew the implant, keep the mounting device with a fixed wrench.

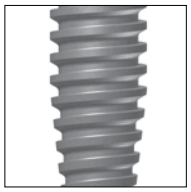
COVER SCREW INSERTION
Take the cover screw from the implant phial and screw it using the driver Hex. 0,9. Close the gingival edge and make a suitable suture.

BT KONIC EXT

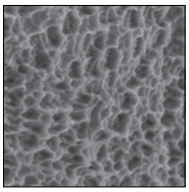
Conical implant with external hexagon connection




External hexagon


Conical body


Uncutting apex


DAES surface

A	B	C	D	E	F	
IMPLANT DIAMETER	IMPLANT BODY DIAMETER	THREAD PITCH	TIP DIAMETER	SMOOTH NECK	PLATFORM	THREADING
3,25	2,9	0,8	1,8	1,2	3,4	M 1,8
4	3,3	0,9	2,5	1,2	4,1	M 2,0
5	4,2	0,9	3,4	1,2	5,0	M 2,0

All measurements are in millimeters

BT KONIC EXT ADVANTAGES ARE:

- Gradual conical implant, which reproduces tooth's root
- Thread design that produces an anchoring bone response
- Hemispherical apex, suitable for non-invasive surgery
- Unified prosthetics which fits with other BTK implant lines
- Colour coding for prosthetics, for easy identification and precise coupling with implants
- All prosthetics devices are laser marked

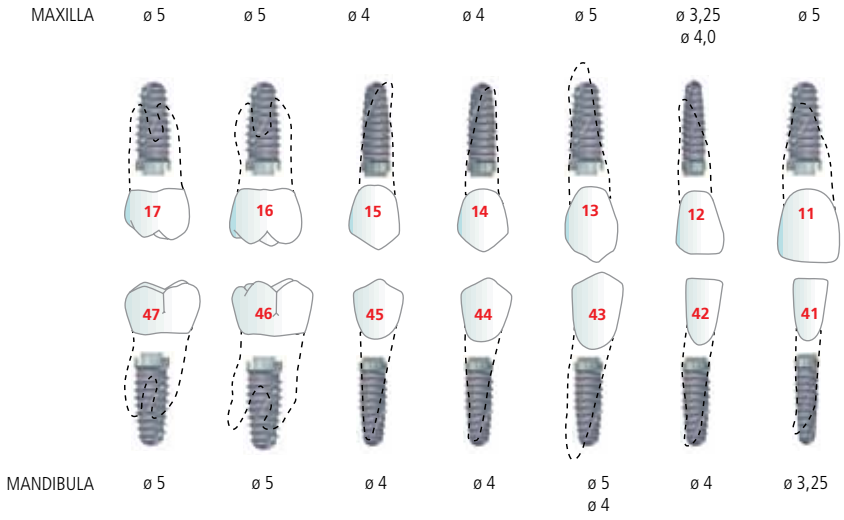
DIAMETER/ CONNECTION	NOMINAL LENGHT	REFERENCE	DESCRIPTION	RENDERING
3,25 EN	10	107EN32L	BT KONIC IMPLANT Ø3,25MM EN X 10MM	
	11,5	107EN32M	BT KONIC IMPLANT Ø3,25MM EN X 11,5MM	
	13	107EN32P	BT KONIC IMPLANT Ø3,25MM EN X 13MM	
	15	107EN32R	BT KONIC IMPLANT Ø3,25MM EN X 15MM	
4 ER	8,5	107ER40J	BT KONIC IMPLANT Ø4MM ER X 8,5MM	
	10	107ER40L	BT KONIC IMPLANT Ø4MM ER X 10MM	
	11,5	107ER40M	BT KONIC IMPLANT Ø4MM ER X 11,5MM	
	13	107ER40P	BT KONIC IMPLANT Ø4MM ER X 13MM	
	15	107ER40R	BT KONIC IMPLANT Ø4MM ER X 15MM	
5 EW	8,5	107EW50J	BT KONIC IMPLANT Ø5MM EW X 8,5MM	
	10	107EW50L	BT KONIC IMPLANT Ø5MM EW X 10MM	
	11,5	107EW50M	BT KONIC IMPLANT Ø5MM EW X 11,5MM	
	13	107EW50P	BT KONIC IMPLANT Ø5MM EW X 13MM	
	15	107EW50R	BT KONIC IMPLANT Ø5MM EW X 15MM	

Implants are supplied with pre assembled mounting device and cover screw Hex. 0,90 screwable with driver Hex. 0,90.

SURGICAL PROCEDURE

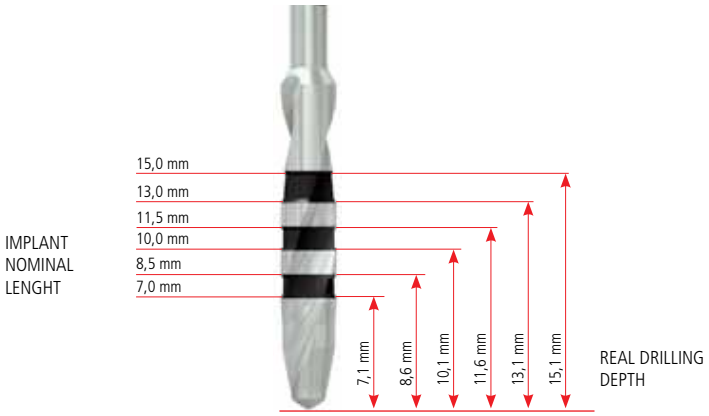
Implant planning

A correct and appropriate planning is necessary in order to remark implant dimensions and relative prosthetic part, or rather root-crown relationship. The surgical planning reported in this catalogue refers to an "ideal" implant protocol; it's indicative but also useful to the dentist in order to help him making all his evaluations.



Depth marks

The depth mark of each lenght indicates the crestal positioning for the corresponding implant lenght. The drill tip has to be considered while preparing the osteotomy.



Implant positioning

CRESTAL POSITIONING

When BT KONIC EXT is inserted in crestal positioning, the platform of the implant should be positioned at the bone crest level.
To obtain the correct depth, drill up to the depth mark that refers to the implant lenght.

Implant L = 11,5 mm

SUB-CRESTAL POSITIONING

When BT KONIC EXT implant is inserted in sub-crestal positioning, the platform of the implant should be positioned under the level of the bone crest. This tecnique is used overall in the anterior region to achieve the best aesthetic result. To obtain the correct depth, drill up to the depth mark that refers to the subsequent implant lenght.

Implant L = 11,5 mm

SUPRA-CRESTAL POSITIONING

When BT KONIC EXT implant is inserted in supra-crestal positioning, the platform of the implant should be positioned above the level of the bone crest. To obtain the correct depth, drill up to the depth mark that refers to the previous implant lenght.

Implant L = 11,5 mm

Surgical procedure warnings

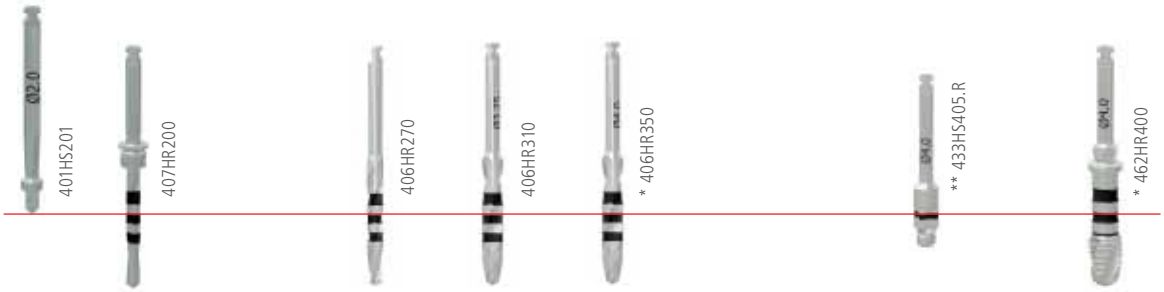
To assure the patient the lowest painful post-operation course, as well as the reduction or absence of associated swellings, a minimum susceptibility to infections and injury recovery without complications, the surgery must be performed in a short amount of time, in respect of all tissues.
The following instructions must be observed during the preparation of the implant site:
-ensure sufficient cooling with pre-cooled physiological solution (5°C);
-check cutting instrument sharpness and always use them in ascending order (from the smallest diameter to the largest);
-observe the maximum number of rounds for each drill type;
-while drilling, combine a slight pressure with an alternating "up-down" movement every 1-2 seconds for a correct cooling action.

Surgical sequence

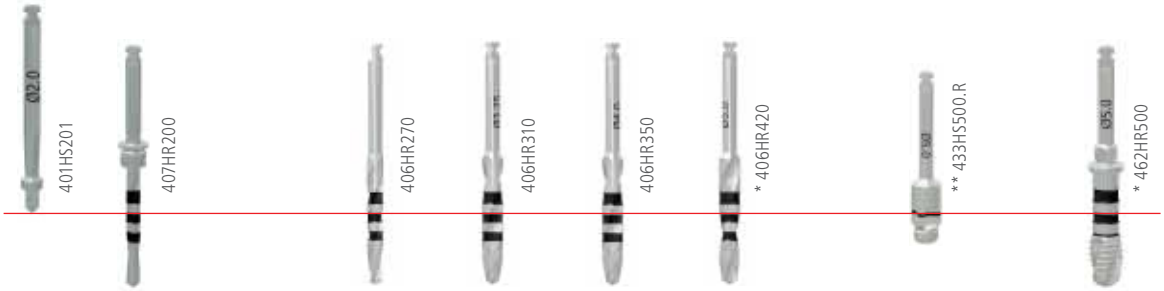
The below surgical sequence refers to a crestal positioning of an implant 11,5 mm long

ø 3,25 IMPLANT

ø 4 IMPLANT



ø 5,00 IMPLANT



• Use in case of soft bone (D4) and immediately proceed with implant insertion.
* Use in case of compact bone (D1-D2)
** Use in case of hard cortical bone

Surgical procedure

LANCE DRILL
After opening the gingival flap through incision and scraping, use the lance drill to create a space on the cortical bone, useful to the positioning of the pilot drill tip. Recommended speed: 800 - 1000 rpm.

PILOT DRILL
Drill with the Ø2,0mm pilot drill up to the depth pointed out by the mark which refers to the implant positioning planned. An abundant external
irrigation through pre-cooled physiological solution is suggested. Recommended speed: 800 - 1000 rpm.

DEPTH GAUGE
To check depth, position and angulation of the hole it is possible to use the depht gauge and or the parallelism pins, inserting it in the implant site.

FINAL DRILLS
Enlarge the implant site following the conical drills sequence indicated for each implant diameter. Without stopping the micromotor, drill by making an "up-down" movement each 1-2 seconds. Respect the depth, referring to the "implants positioning" chapter. An abundant external irrigation through pre-cooled physiological solution it's recommended.
Recommended speed:
drill Ø 2,7 --> 800 - 1000 rpm
drill Ø 3,1 --> 800 - 1000 rpm
drill Ø 3,5 --> 800 - 1000 rpm
drill Ø 4,2 --> 800 - 1000 rpm

COUNTERBORE
When necessary, prepare the cortical zone using the counterbore. In case of crestal positioning
of the implant, the mark of reference reported on the instrument indicates the correct depth. An abundant external irrigation through pre-cooled physiological solution it's recommended .
Recommended speed: 300 - 400 rpm.

TAPPING SCREW
To be used in case of compact bone (D1-D2). Place the tip of the tapping screw in the site prepared and start to screw slowly (max 15 rpm) applying a little pressure. Once engaged the thread, proceed for some turns applying no more pressure, preferably with an alternate movement (one turn forward followed by half turn back and so on). When the correct depth corresponding to the relative mark of reference has been reached, carefully unscrew the tapping screw.

IMPLANT TAKING
Take the implant from the packaging using a digital driver or a driver for handpiece.

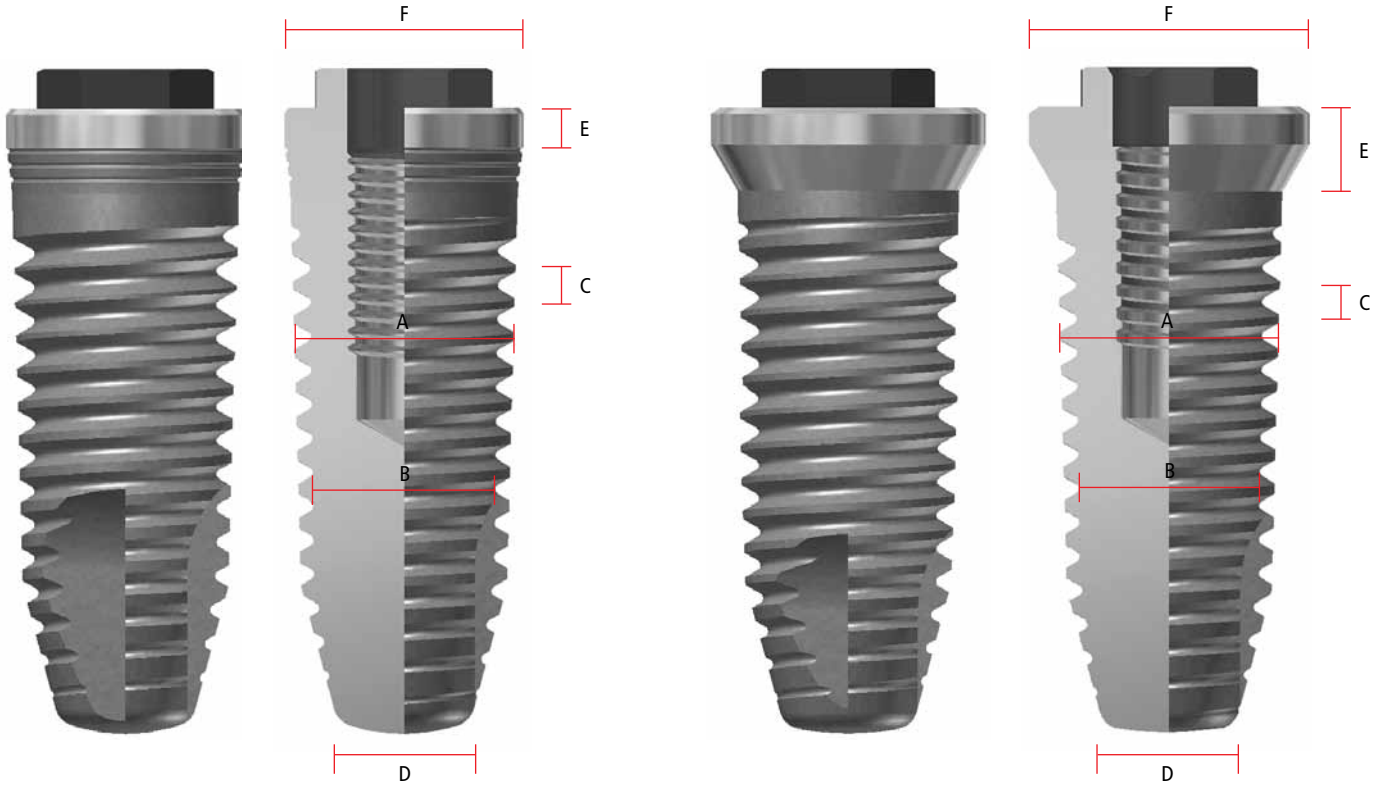
IMPLANT INSERTION
Insert the implant slowly (max 15 rpm) making sure to perfectly engage the thread, if prepared before. During the insertion of the implant, do not exceed the maximum torque of 35 Ncm, in order not to damage the implant connection. If the implant doesn't reach the desired depth, DO NOT FORCE, remove it from the site and repeat the drilling and tapping operations checking the depth and the correct surgical sequence.

MOUNTING DEVICE REMOVAL
Remove the mounting device, unscrewing the retentive screw with a driver Hex. 1,20. In order not to risk to unscrew the implant, keep the mounting device with a fixed wrench.

COVER SCREW INSERTION
Take the cover screw from the implant phial and screw it with the driver Hex. 0,9. Close the gingival flap and make a suitable suture.

BT **EVO DL** EXT

Gradual conical implant with internal hexagon connection, traditional and Switching Platform (SP)



External hexagon | SP External hexagon | Gradual conical body | Rounded apex | Micro grooves | Smooth neck | DAES surface

A	B	C	D	E	F	
IMPLANT DIAMETER	IMPLANT BODY DIAMETER	THREAD PITCH	TIP DIAMETER	SMOOTH NECK	PLATFORM	THREADING
3,3	2,7	0,55	2	0,7	3,4	M 1,8
3,3 SP	2,7	0,55	2	1,5	3,7	M 1,8
4	3,2	0,6	2,45	0,7	4,1	M 2,0
4 SP	3,2	0,6	2,45	1,5	4,6	M 2,0
5	4,0	0,75	2,95	0,7	5,0	M 2,0
5 SP	4,0	0,75	2,95	1,5	5,6	M 2,0

All measurements are in millimeters

BT KONIC EXT ADVANTAGES ARE:

- Gradual coning morfology for easy insertion
- Switching platform concept to respect soft tissues and to preserve crestal bone
- No mounting device for agile insertion procedure and precise implant guide
- Colour coding for implants and prosthetics for easy identification and precise coupling
- All prosthetics devices are laser marked

DIAMETER / CONNECTION	NOMINAL LENGHT	REFERENCE	DESCRIPTION	RENDERING
3,3 EN	8,5	111EN33J	BT EVO DL IMPLANT Ø3,3MM EN X 8,5MM	
	10	111EN33L	BT EVO DL IMPLANT Ø3,3MM EN X 10MM	
	11,5	111EN33M	BT EVO DL IMPLANT Ø3,3MM EN X 11,5MM	
	13	111EN33P	BT EVO DL IMPLANT Ø3,3MM EN X 13MM	
	15	111EN33R	BT EVO DL IMPLANT Ø3,3MM EN X 15MM	
4 ER	7	111ER40I	BT EVO DL IMPLANT Ø4MM ER X 7MM	
	8,5	111ER40J	BT EVO DL IMPLANT Ø4MM ER X 8,5MM	
	10	111ER40L	BT EVO DL IMPLANT Ø4MM ER X 10MM	
	11,5	111ER40M	BT EVO DL IMPLANT Ø4MM ER X 11,5MM	
	13	111ER40P	BT EVO DL IMPLANT Ø4MM ER X 13MM	
	15	111ER40R	BT EVO DL IMPLANT Ø4MM ER X 15MM	
5 EW	7	111EW50I	BT EVO DL IMPLANT Ø5MM EW X 7MM	
	8,5	111EW50J	BT EVO DL IMPLANT Ø5MM EW X 8,5MM	
	10	111EW50L	BT EVO DL IMPLANT Ø5MM EW X 10MM	
	11,5	111EW50M	BT EVO DL IMPLANT Ø5MM EW X 11,5MM	
	13	111EW50P	BT EVO DL IMPLANT Ø5MM EW X 13MM	
	15	111EW50R	BT EVO DL IMPLANT Ø5MM EW X 15MM	

DIAMETER / CONNECTION	NOMINAL LENGHT	REFERENCE	DESCRIPTION	RENDERING
3,3 SP EN	8,5	113EN33J	BT EVO DL IMPLANT Ø3,3MM EN X 8,5MM SP	
	10	113EN33L	BT EVO DL IMPLANT Ø3,3MM EN X 10MM SP	
	11,5	113EN33M	BT EVO DL IMPLANT Ø3,3MM EN X 11,5MM SP	
	13	113EN33P	BT EVO DL IMPLANT Ø3,3MM EN X 13MM SP	
	15	113EN33R	BT EVO DL IMPLANT Ø3,3MM EN X 15MM SP	
4 SP ER	7	113ER40I	BT EVO DL IMPLANT Ø4MM ER X 7MM SP	
	8,5	113ER40J	BT EVO DL IMPLANT Ø4MM ER X 8,5MM SP	
	10	113ER40L	BT EVO DL IMPLANT Ø4MM ER X 10MM SP	
	11,5	113ER40M	BT EVO DL IMPLANT Ø4MM ER X 11,5MM SP	
	13	113ER40P	BT EVO DL IMPLANT Ø4MM ER X 13MM SP	
	15	113ER40R	BT EVO DL IMPLANT Ø4MM ER X 15MM SP	
5 SP EW	7	113EW50I	BT EVO DL IMPLANT Ø5MM EW X 7MM SP	
	8,5	113EW50J	BT EVO DL IMPLANT Ø5MM EW X 8,5MM SP	
	10	113EW50L	BT EVO DL IMPLANT Ø5MM EW X 10MM SP	
	11,5	113EW50M	BT EVO DL IMPLANT Ø5MM EW X 11,5MM SP	
	13	113EW50P	BT EVO DL IMPLANT Ø5MM EW X 13MM SP	
	15	113EW50R	BT EVO DL IMPLANT Ø5MM EW X 15MM SP	

TECHNICAL FEATURES

One of the main features of BT EVO DL is the absence of mounting device.

The creation of hexasymmetrical lobes on external hexagon implants enables to take the implant from the phial and position it into the implant site without the traditional mounting device (however insertable at one's pleasure). A specific driver allows to take and insert the implant directly into the site.
This leads to faster procedures, better operating visibility and a more "direct", stable and precise implant guide. A better manual sensibility is required in order to avoid the straining of the insertion driver.

Photo scanning (50X)
external hexagon connection

Switching Platform concept

Some long-term studies have shown that in the first year after the prosthesis load, a loss of bone at the periimplant neck with average values of 1.2-1.5 mm can be noticed. The use of prosthetic components with a smaller diameter than that of the implant would appear to keep crestal bone reabsorption within lower limits of 0.2 ± 0.4 mm, as shown by S.M. FICKL, O. ZUHR, H. WACHTEL, W. BOLZ and M. HUERZELER, Private Institute for Periodontolgy and Implantology, Munich, Germany. The reduction of 0.45 mm in the abutment radius as compared with that of the implant, is sufficient to move the inflammatory Infiltrate Connective Tissue (ICT) spacing it out of the implant-bone interface.

Tissues regeneration -
follow-up at three months

The flaring of the passage from the head to the body of the implant can be used, at the operator's discretion, to be positioned at a crestal or sub-crestal level, thereby enabling to obtain great primary stability even in poor quality bone. This flaring, as it is in mechanically smoothed C.P. (Commercially Pure) titanium, enables the respect and maintenance of soft tissues in terms of biological range and hygiene even for future possible tissue contractions, as the minimal plaque retention of these surfaces has been demonstrated. The recommended positioning in non-aesthetic areas is with the flaring that minimally involves the cortical substance, while the implant head should be positioned below the residual bone crest in the event of immediate post-extractions (see "implant positioning" guide).

Tissues regeneration -
follow-up at three months

Driver for direct insertion

The insertion driver is used to extract and directly insert the implant in the implant site.
The new insertion driver technology:

- facilitates the removal of the implant from the vial in a quick, safe and easy way
- deletes the implant device disassembling procedure
- increases the visibility of the working area facilitating a correct implant positioning
- entirely eliminates any damage of the external hexagon caused by the traditional mounting device, exploiting a double connection that equally distributes the insertion driver forces
- allows a guided insertion that is perfectly aligned with the implant.

The reference marks on the external part correspond to the sides of the implant hexagon: these marks are particularly useful during the insertion phase, in the event that an angled abutment has to be used.
It will be sufficient indeed to simply complete the fastening of the implant, directing one of the marks towards the estimated angle for the abutment.
The reduced-size structural conformation allows the positioning of the implant even sub-crestally, without any mechanical interference.

The insertion driver can be used in various ways, according to requirements:

- use of the insertion driver directly linked to the handpiece, exploiting the connection at the rear of the driver
- use of the insertion driver directly linked to the manual key exploiting the hexagon in the central part of the driver
- use of the insertion driver directly linked to the manual key and subsequently connected to a reversible torque wrench

For a correct use of the insertion driver, please comply with the following basic rules:

- ensure that the driver perfectly rests on the implant platform and fully couples the implant.
- do not force beyond the maximum applicable force to the connection:
  50 N/cm – for the external hexagon driver (530HS010 - 530HS011)
  50 N/cm – for the internal hexagon driver (530HS008).

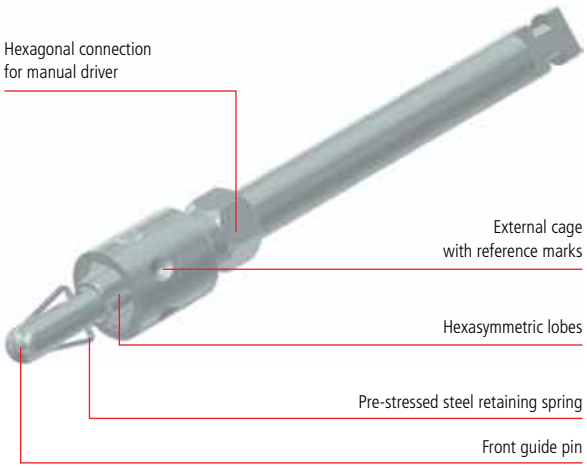
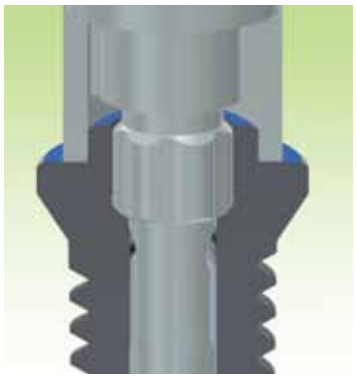


Fig.1 Insertion driver connected to handpiece
Fig.2 Insertion driver connected to manual driver
Fig.3 Insertion driver connected to reversible torque wrench through manual driver

The red part indicates the contact surface

The presence of a front guide pin with a pre-stressed steel spring attached yields two advantages: it guarantees a steady implant retention and allows the insertion of the driver perfectly aligned with the implant (in the event of excessive lanting during extraction and insertion, it prevents the forces from unloading on a single point of the internal connection, avoiding accidental damages). The presence of an external cage allows the operator to work with a dual, external and internal, connection, thereby exploiting the external hexagon and the hexasymmetric lobes of the implant, obtaining a greater contact surface onto which the forces can be distributed during insertion in the surgical alveolus, and retaining therefore the implant connection.



Section of coupling between insertion driver and external hexagon implant

Dimensional features

Red colour indicates support surface between implant and abutment

Red colour indicates the theoretical contact surface between implant and bone

BT EVO DL EXT						
IMPLANT DIAMETER	**NECK DIAMETER**	**PLATFORM DIMENSION**	**HEXAGON DIMENSION**	**THREAD DIMENSION**	**SUPPORT SURFACE**	**THORETICAL CONTACT SURFACE** (imp. lenght min. 8,5 mm max. 15 mm)
Ø 3,3	Ø 3,75	Ø 3,40	2,50	M 1,8	3,67 mm^2	Min 100,67 mm^2* – Max 148,62 mm^2
Ø 4,0	Ø 4,20	Ø 4,10	2,70	M 2,0	6,63 mm^2	Min 98,09 mm^2 – Max 176 mm^2
Ø 5,0	Ø 5,20	Ø 5,00	2,70	M 2,0	13,01 mm^2	Min 120,12 mm^2 – Max 219 mm^2

BT EVO DL SP EXT						
IMPLANT DIAMETER	**NECK DIAMETER**	**PLATFORM DIMENSION**	**HEXAGON DIMENSION**	**THREAD DIMENSION**	**SUPPORT SURFACE**	**THORETICAL CONTACT SURFACE** (imp. lenght min. 8,5 mm max. 15 mm)
Ø 3,3	Ø 4,1	Ø 3,70	2,50	M 1,8	5,34 mm^2	Min 81,36 mm^2 – Max 148,73 mm^2
Ø 4,0	Ø 5,0	Ø 4,60	2,70	M 2,0	10,31 mm^2	Min 101,40 mm^2 – Max 179,30 mm^2
Ø 5,0	Ø 6,0	Ø 5,60	2,70	M 2,0	18,32 mm^2	Min 123,36 mm^2 – Max 223,18 mm^2

* Lenght of the shortest implant: L=10mm

Smooth neck height

The height of the smooth neck and therefore the untretated part is different according to the implant type. In BT EVO DL implant it's 0,7 mm high, while it's 1,5 mm in the SP version.

BT EVO DL EXT

BT EVO DL EXT SP

Implant morphology

BT EVO DL implant line originates from the collaboration of Biotec Research and Development Centre with long-lasting experienced professionals in the field of modern implantology.
Both BT EVO DL and BT EVO DL SP shape have been specifically designed to allow the acquisition of the highest primary stability and surgical versatility, without any trauma, exploiting the latest biological concepts of the 'switching platform', preserving at the same time the peculiar ease of use of cylindrical implants.
Its fields of application are:

1. immediate post-extraction,
2. poor quality type 3-4 bone (Lekholm and Zarb classification),
3. use in lower molars with traditional prosthesis diameter,
4. major maxillary sinus lifts with immediate or deferred implant,
5. minor maxillary sinus lifts with Summers or Cosci technique,
6. immediate load in total edentulism.

In aesthetic sectors, a careful preliminary evaluation of bone quantity and soft tissue must be carried out in relation to the area that has to be treated.

Let's examine all characteristics considering the most commonly used diameter, which is 4.0 mm:

- the implant head is 4.1 mm, or 5 mm in BT EVO DL SP version, with an external hexagon compatible with the prosthetic components of the traditional 4.1 mm implants. In BT EVO DL SP version, the use of the 4.1 diameter prosthetic components allows the application of the 'switching platform' concept and the displacement of the inflammatory infiltrate (present in all implant-abutment interface) towards the centre of the implant, thereby obtaining greater compliance with the biological extent and the consequent help in the preservation of the crestal bone;
- the implant plate is coloured in different colours using the anodising technique in order to facilitate recognition and relative use during the surgical phase and also in the use of prosthetic components;
- the flaring of the passage from the head to the implant body can be used, at the operator's discretion, to be positioned at the crestal or sub-crestal level, allowing for great primary stability, even in poor quality bone. This flaring, as it is mechanically smoothed pure titanium, enables the respect and maintenance of soft tissues in terms of biological range and hygiene even for future possible tissue contractions, as the minimal plaque retention of these surfaces has been demonstrated. The recommended positioning in non-aesthetic areas is with the flaring that minimally involves the cortical substance, while the implant head should be positioned below the residual bone crest in the event of immediate post-extractions (see "implant positioning" guide);
- the implant body has a 3° gradual coning (measured from the neck to the lower 1/3 of the implant) and a non-traumatic threading that grants self-tapping properties (for type 2 and 3 bone). At the same time, this coning determines an increasing stability without causing excessive bone compression, thereby granting the operator a greater margin of tolerance in the hoice of the vertical positioning, as, in fact, the implant behaves much like a cylindrical screw. On the other hand, in the event of over-preparation, the implant tolerates unscrewing without losing its primary stability, which is a typical behaviour of implants with accentuated coning;
- Ithe lower part of the implant body and the rounded hemispherical tip, with reduced diameter, enables an easy use in post-extractive areas, acting as a guide for insertion in eccentric preparations (palate roots of pre-molars, palate preparations of canines, etc.), thereby avoiding any 'mobility' and loss of bone during preparation. Furthermore, when used close to the sinus membrane, the non-traumatic tip avoids 'sharpening' of the membrane during the final positioning of the implant, also adding a uniform, perpendicular push in accordance with 'Pascal's law';
- the double etched surface increases the wettability and the angle of contact, significantly improving the connection with the fibrin reticulum and conferring the surface an osteo-conductive peculiarity (osteogenesis by contact).

50X photo scanning

The 4 over apical millings represent bone 'collection chambers' generated by the drilling and fastening

50X photo scanning of BT EVO DL implant profile

The external hexagon makes it suitable for extended prosthesis works, facilitating the impression taking without deformations caused by possible disparallelisms

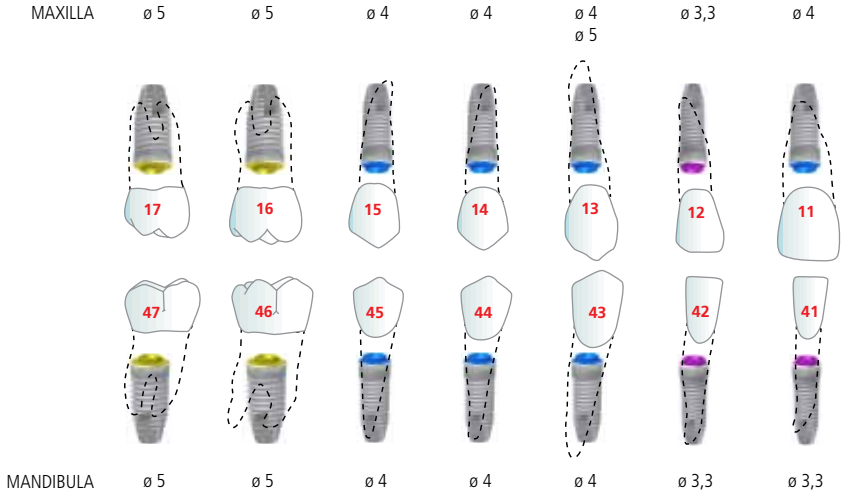
50X photo scanning of BT EVO DL SP implant profile

The flaring of the passage from the head to the body of the implant can be used, at the operator's discretion, to be positioned at a crestal or sub-crestal level, thereby enabling to obtain great primary stability even in poor quality bone.

SURGICAL PROCEDURE

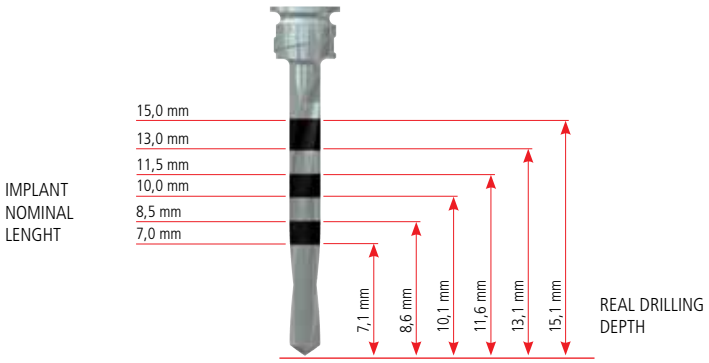
Implant planning

A correct and appropriate planning is necessary in order to remark implant dimensions and relative prosthetic part, or rather root-crown relationship. The surgical planning reported sideways refers to an "ideal" implant protocol; it's indicative but also useful to the dentist in order to help him making all his evaluations.



Depth marks

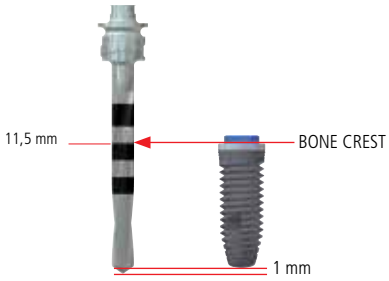
The depth mark of each lenght indicates crestal positioning for the corresponding implant lenght. The drill tip has to be considered while preparing the osteotomy.



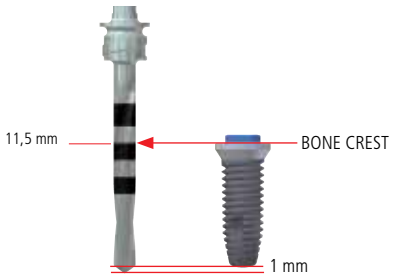
Implant positioning

CRESTAL POSITIONING

When BT EVO DL EXT is inserted in crestal positioning, the platform of the implant should be positioned at the bone crest level.
To obtain the correct depth, drill up to the depth mark that refers to the implant lenght.



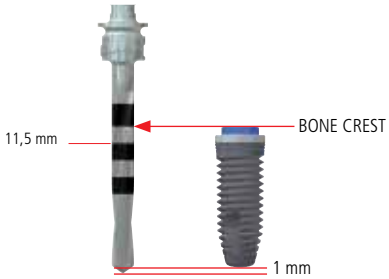
Implant L = 11,5 mm



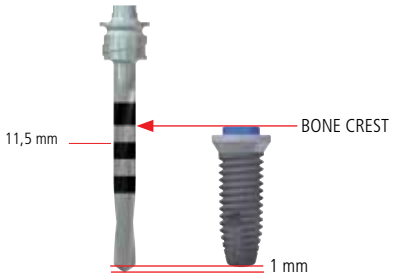
Implant L = 11,5 mm

SUB-CRESTAL POSITIONING

When BT EVO DL EXT implant is inserted in sub-crestal positioning, the platform of the implant should be positioned under the level of the bone crest. This tecnique is used overall in the anterior region to achieve the best aesthetic result. To obtain the correct depth, drill up to the depth mark that refers to the subsequent implant lenght.



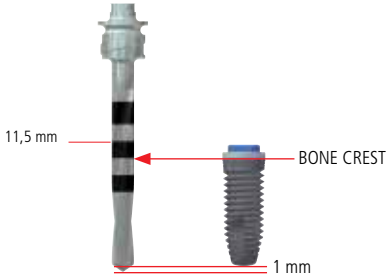
Implant L = 11,5 mm



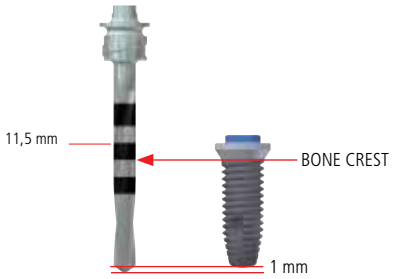
Implant L = 11,5 mm

SUPRA-CRESTAL POSITIONING

When BT EVO DL EXT implant is inserted in supra-crestal positioning, the platform of the implant should be positioned above the level of the bone crest. To obtain the correct depth, drill up to the depth mark that refers to the previous implant lenght.



Implant L = 11,5 mm



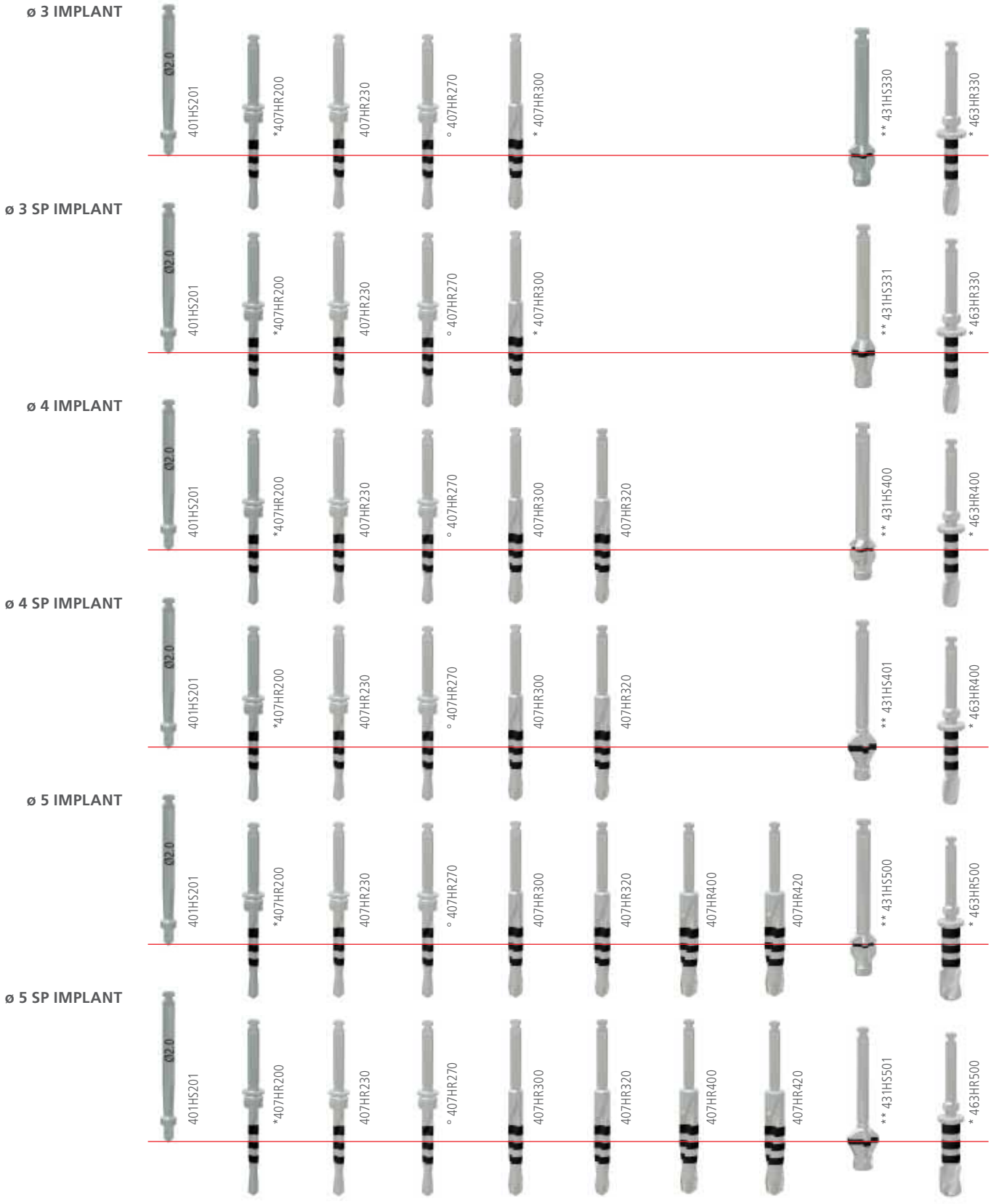
Implant L = 11,5 mm

Surgical procedure warnings

To assure the patient the lowest painful post-operation course, as well as the reduction or absence of associated swellings, a minimum susceptibility to infections and injury recovery without complications, the surgery must be performed in a short amount of time, in respect of all tissues. The following instructions must be observed during the preparation of the implant site: ensure sufficient cooling with pre-cooled physiological solution (5°C); check cutting instrument sharpness and always use them in ascending order (from the smallest diameter to the largest); observe the maximum number of rounds for each drill type; while drilling, combine a slight pressure with an alternating "up-down" movement every 1-2 seconds.

Surgical sequence

The below surgical sequence refers to a crestal positioning of an implant 11,5 mm long



* Use in case of compact bone (D1-D2)

** Use in case of hard cortical bone

° Optional

Surgical procedure

LANCE DRILL
After opening the gingival flap through incision and scraping, use the lance drill to create a space on the cortical bone, useful to the positioning of the pilot drill tip.
Recommended speed: 800 - 1000 rpm.

PILOT PRILL
Drill with the Ø2,0mm pilot drill up to the depth pointed out by the mark which refers to the implant positioning planned. An abundant external irrigation through pre-cooled physiological solution is suggested.
Recommended speed: 800 - 1000 rpm.

DEPTH GAUGE
To check depth, position and angulation of the hole it is possible to use the depht gauge, inserting it in the implant site. Use the parallelism pins to verify position and angulation.

BT EVO DL DRILLS
Enlarge the implant site following the drill sequence indicated for each implant diameter. Respect the depth, referring to the marks reported on the drill. It's recommended an abundant external irrigation through pre-cooled physiological solution.
Recommended speed:
drill Ø 2,7 --> 800 - 1000 rpm
drill Ø 3 --> 800 - 1000 rpm
drill Ø 3,25 --> 800 - 1000 rpm
drill Ø 4 --> 800 - 1000 rpm
drill Ø 4,25 --> 600 - 800 rpm

COUNTERBORE
When necessary, prepare the cortical zone using the counterbore (see implant positioning and surgical sequence for further information). In case of crestal positioning of the implant, the laser marking reported on the instrument indicates the correct depth. An abundant external irrigation through pre-cooled physiological solution is suggested.
Recommended speed: 300 - 400 rpm

TAPPING SCREW
To be used in case of compact bone D1 (cortical only in D2). Position the tip of the tapping screw in the site prepared and start to screw slowly (max 15 rpm) applying a little pressure. Once the thread is engaged, proceed for some turns without no more pressure, preferably with an alternate movement (one turn forward followed by half turn back and so on). When the correct depth corresponding to the relative mark of reference has been reached, unscrew the tapping screw carefully.

IMPLANT TAKING
Take the implant from the packaging using correct mounting device. Insert it until it will be completely engaged to the implant.

IMPLANT INSERTION
Insert the implant slowly (max 15 rpm) taking care to engage the thread perfectly, if prepared before. During the insertion of the implant, do not exceed the maximum torque of 35 Ncm, in order not to damage the implant connection. If the implant doesn't reach the desired depth, do not force, remove it from the site and repeat the drilling and tapping operations verifying the depth. At the end of the insertion, extract the mounting device.

COVER SCREW INSERTION
Take the cover screw from the implant phial and screw it with the driver Hex. 0,9. Close the gingival edge and make suitable suture.

Prosthetics for external hexagon implants

HEALING SCREWS

MATERIAL Titanium grade 5 (Ti6Al4V)
SHAPE The shape of the healing screw fits that of the collar of the abutments for an optimal healing of the mucous membrane
USE It is positioned after implant osteointegration by making a little gingival incision
DRIVER Use driver Hex. 1,20
TORQUE The use of a torque wrench at a torque value of 15-20 Ncm is recommended

	EN	ER	EW
H = 2 mm	201EN2A0 (Flare 4,5)	201ER2A0 (Flare 5,0)	201EW2A0 (Flare 6,0)
			201EW2A1 (Flare 7,5)
H = 3 mm	201EN3A0 (Flare 4,5)	201ER3A0 (Flare 5,0)	201EW3A0 (Flare 6,0)
H = 4 mm	201EN4A0 (Flare 4,5)	201ER4A0 (Flare 5,0)	201EW4A0 (Flare 6,0)
		201ER4A1 (Flare 6,0)	
	202EN4A0 (Flare 4,7)*	201ER4A2 (Flare 7,5)	201EW4A1 (Flare 7,5)
		202ER4A0 (Flare 5,6) **	
H = 6 mm	201EN6A0 (Flare 4,5)	201ER6A0 (Flare 5,0)	201EW6A0 (Flare 6,0)
		201ER6A1 (Flare 6,0)	201EW6A1 (Flare 7,5)
		201ER6A2 (Flare 7,5)	
H = 8 mm		201ER8A0 (Flare 5,0)	201EW8A0 (Flare 5,5)
		201ER8A1 (Flare 6,0)	
		201ER8A2 (Flare 7,5)	

* only available for BT EVO DL EXT Ø 3,3 SP implants ** only available for BT EVO DL EXT Ø 4,0 SP implants

LABORATORY PROCEDURES

Cap transfer

MATERIALE Titanium grade 5 (Ti6Al4V). Aluminium cap
UTILIZZO Used to take the impression by re-positioning technique. It is connected to the implant with the inserted screw inside the transfer (retentive cap included)
DRIVER Use driver Hex. 1,20
TORQUE The use of a torque wrench at a torque value of 20-25 Ncm is recommended
NOTE Transfer screw and retentive cap included

EN	ER	EW
320EN0A0	320ER0A1	320EW0A1

Pick-up transfer

MATERIAL Titanium grade 5 (Ti6Al4V)
UTILIZZO Used to take the impression with individual open tray (pick-up technique). It is connected to the implant through the transfer screw
DRIVER Use driver Hex. 1,20
TORQUE The use of a torque wrench at a torque value of 20-25 Ncm is recommended
NOTE Transfer screw included

	EN	ER	EW
rotating	319EN0R0	319ER0R0	319EW0R0
	321EN0R0*	321ER0R0**	
not rotating	319EN0A0	319ER0A0	319EW0A0
	321EN0A0*	321ER0A0**	

* only available for BT EVO DL EXT Ø 3,3 SP implants ** only available for BT EVO DL EXT Ø 4,0 SP

Replicas

MATERIAL Titanium grade 5 (Ti6Al4V)

USE Riproduces in the chalk model the position and the inclination of the implant inserted in the patient's mouth.

EN	ER	EW
301EN0A0	301ER0A1	301EW0A0
302EN0A0*	302ER0A0**	

* only available for BT EVO DL EXT Ø 3,3 SP implants ** only available for BT EVO DL EXT Ø 4,0 SP

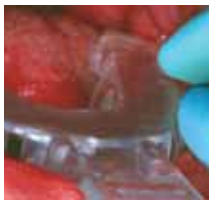
IMPRESSION TAKING WITH REPOSITIONING TECHNIQUE (DIRECT)

This technique implies the use of transfers with cap and closed tray.

After removing the healing screw, connect the transfer to the implant making sure that they properly couple. After wetting the cap with the adhesive impression material and after its perfect drying, insert the cap over the transfer.

Cover the tray with adhesive, position the material, take the impression and let it solidify for the required amount of time, as indicated by the manufacturer.
Delicately remove the tray with the cap inserted, trying to remove it vertically. Unscrew the transfer from the implant and send everything to the laboratory.

Alternatively, the transfer can be screwed on the implant replica, reinserting it in the impression and fastening it to the cap.
To facilitate this last step, make sure that the faceting of the transfer is in line with the faceting left by the transfer on the impression.



IMPRESSION TAKING WITH PICK-UP TECHNIQUE (INDIRECT)

This technique implies the use of transfers with through screws (short or long).

For this precision impression, a single open tray, previously constructed by a laboratory on the impression (e.g., in alginate) with inserted healing screws, must be used.
After removing the healing screw, connect the impression transfer according to the implant used and fix it to the through screw. Make sure that the transfer is correctly inserted, for example, taking an endoral x-ray.
For impressions on several implants, the transfer splintering technique can be used, connecting them with a metallic wire (e.g., orthodontic wire) that passes as a bridge between the transfers, forming a support "frame" for the resin. When the frame is complete, spread resin between one transfer and the next, thus building a "reinforcement".

Try the open tray, making sure that the head of the transfer and their screws protrude from the tray slots. Close the hole with soft wax and spread an even layer of adhesive on the tray, letting it completely dry. Next, fill the tray with impression material, insert it in the mouth and let set as per manufacturer's instructions.
To reduce the risks of bubbles formation, apply the same material from a nozzle syringe around the transfers to fill any sub-gaps.

Once the material has hardened, unscrew the transfer screws and remove the tray with the englobed transfers. Replace the healing screws (cleaned and disinfected).
Send everything to the laboratory enclosing corresponding implant replica or, alternatively, reinserting the through screws in the transfers inserted in the tray and screw the correspondent implant replica, making sure that the transfers won't be subject to any rotation.

PROSTHESIS

Straight Abutments

MATERIAL Titanium grade 5 (Ti6Al4V)

USE Prosthetic structure to be used to support single crowns and bridgeworks.
The maximum inclination usable is 10°; over this angulation we suggest to use angled or plastic abutments. They are connected to implants through retentive titanium screw

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

NOTE Titanium retentive screw included

	EN	ER	EW
H = 1 mm	220EN1A0 (Flare 4,5)		
H = 2 mm	220EN2A0 (Flare 4,5)	220ER2A1 (Flare 5,0)	220EW2A2 (Flare 5,5)
		220ER2A3 (Flare 6,0)	220EW2A3 (Flare 7,5)
		220ER2A2 (Flare 7,5)	
H = 3 mm	220EN3A0 (Flare 4,5)		
H = 4 mm	220EN4A0 (Flare 4,5)	220ER4A0 (Flare 5,0)	220EW4A2 (Flare 5,5)
	221EN4A0 (Flare 4,7)*	220ER4A1 (Flare 6,0)	220EW4A3 (Flare 7,5)
		220ER4A2 (Flare 7,5)	
		221ER4A0 (Flare 5,6)**	

* only available for BT EVO DL EXT Ø 3,3 SP implants ** only available for BT EVO DL EXT Ø 4,0 SP implants

Angled abutments

MATERIAL Titanium grade 5 (Ti6Al4V)

USE Pre-angled prosthetic structure to be used to support single crowns and bridgeworks. The inclinations of 15° or 25° correspond to a face of the hexagon. The external connection allows 12 different possibilities of positioning. They are connected to implants through retentive titanium screw

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm.

NOTE Titanium retentive screw included. Only available for ER prosthetic platform

		ER
α = 15°	H = 2 mm	220ER2D0
	H = 4 mm	220ER4D0
α = 25°	H = 2 mm	220ER2F0
	H = 4 mm	220ER4F0

Temporary abutments

MATERIAL Titanium grade 5 (Ti6Al4V)

USE Temporary restoration for tissues conditioning during healing time. The external connection enables 12 different positioning

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

NOTE Titanium retentive screw included. Only available for EN and ER prosthetic platforms.

	EN	ER
rotating	210EN2R0	210ER2A1
not rotating	210EN2A0	210ER2A0

Aesthetic abutments

MATERIAL Titanium grade 5 (Ti6Al4V)

USE Prosthetic structure to be used to support single crowns or bridgeworks. Designed to optimize the emergency profile and improve the aesthetic result. It is connected to the implant through a retentive titanium screw (included in the packing). Provided with a threaded hole for the lingual screw (not included)

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

NOTE Titanium retentive screw included

EN	ER	EW
219EN0A0	219ER0A0	219EW0A0

Lingual Screw

MATERIAL Titanium grade 5 (Ti6Al4V)

USE It is used to fix the prosthesis to the aesthetic abutments. Thread: M 1,4

DRIVER Use driver Hex. 0,9

TORQUE The use of a torque wrench at a torque value of 15 Ncm is recommended

NOTE Universal lingual screw for aesthetic abutments. Available for ER , EN and EW prosthetic platforms

EN	ER	EW
	VLE14TIT	

LABORATORY PROSTHETICS

Gold bases

MATERIAL PMMA with gold base (pd-base alloy)

USE Used to create customized prosthetic works by overfusion. The gold base allows an excellent finishing and guarantees the maximum precision of the implant-prosthesis connection; the castable part enables wide working possibilities to obtain the overfusion.
They connect to implants through retentive titanium screw (included in the packing)

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm.

NOTE Titanium retentive screw included

	EN	ER	EW
rotating	245EN1R0	245ER1R0	245EW1R0
not rotating	245EN1A0	245ER1A0	245EW1A0

Plastic abutments

MATERIAL PMMA

USE Used to create customized prosthetic works by fusion. Made of a specific plastic easily workable, that keeps few residues after fusion. They connect to implants through retentive titanium screw (included in the packing)

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

NOTE Titanium retentive screw included

	EN	ER	EW
rotating	205EN1R1	205ER2A1	205EW2A1
	205EN1R1.10***	205ER2A1.10***	205EW2A1.10***
	206EN1R0*	206ER2A1**	
not rotating	205EN1A1	205ER2A0	205EW2A0
	205EN1A1.10***	205ER2A0.10***	205EW2A0.10***
	206EN1A0*	206ER2A0**	

* only available for BT EVO DL EXT Ø 3,3 SP implants
** only available for BT EVO DL EXT Ø 4,0 SP implants
*** 10 pieces pack

Titanium base for zirconia

MATERIAL Titanium grade 5 (Ti6Al4V)

USE To be used as base for cementation of zirconium-made frameworks made through CAD-CAM technique

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

NOTE Titanium retentive screw included. Only available for ER prosthetic platform

	ER
rotating	236ER0A1
not rotating	236ER0A0

Titanium base for zirconia with plastic abutments

MATERIAL Titanium grade 5 (Ti6Al4V) and PMMA

USE To be used as base for cementation of zirconium-made frameworks made by manual milling systems. The plastic abutment allows the wax-up modeling for the zirconium-made framework

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

NOTE Titanium retentive screw included. Only available for ER prosthetic platform

	ER
rotating	237ER0A1
not rotating	237ER0A0

Millable abutment

MATERIAL Titanium grade 2

USE The solution to implants disparallelism issues when the angle between implant axis and abutment is not resolvable with preformed abutments. Customizable by the dental technician in its height, shape, angulation and emergence

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

NOTE Titanium retentive screw included. Only available for ER prosthetic platform.

ER
230ER0A0

OVERDENTURE PROSTHETICS

Ball attachment - Straight abutments

CE 0434

MATERIAL Titanium coated with TiN

USE Systems for parallel solutions. The Sphero Flex attachments with removable sphere are suitable in disparallelism situations which are not superior to 7,5°. Each packaging includes: n° 1 ball attachment, n° 2 soft retentive caps, n° 3 directional rings (0°, 7° e 14°) and one protective disc

DRIVER Use the appropriate Sphero Block / Flex digital driver

		EN	ER	EW
SPHERO BLOCK NORMO SPHERE Ø 2,5	H = 1 mm	002KOR331R	002TRE3751R	002TRE51R
	H = 2 mm	002KOR332R	002TRE3752R	002TRE52R
	H = 3 mm	002KOR333R	002TRE3753R	002TRE53R
	H = 4 mm	002KOR334R	002TRE3754R	002TRE54R
	H = 5 mm	002KOR335R*	002TRE3755R	002TRE55R
	H = 6 mm	002KOR336R*	002TRE3756R	002TRE56R
SPHERO BLOCK MICRO SPHERE Ø 1,8	H = 1 mm	003KOR331R	003TRE3751R	003TRE51R
	H = 2 mm	003KOR332R	003TRE3752R	003TRE52R
	H = 3 mm	003KOR333R	003TRE3753R	003TRE53R
	H = 4 mm	003KOR334R	003TRE3754R	003TRE54R
	H = 5 mm	003KOR335R*	003TRE3755R	003TRE55R
	H = 6 mm	003KOR336R*	003TRE3756R	003TRE56R
SPHERO FLEX SPHERE Ø 2,5	H = 1 mm	109KOR331R	109TRE3751R	109TRE51R
	H = 2 mm	109KOR332R	109TRE3752R	109TRE52R
	H = 3 mm	109KOR333R	109TRE3753R	109TRE53R
	H = 4 mm	109KOR334R	109TRE3754R	109TRE54R
	H = 5 mm	109KOR335R*	109TRE3755R	109TRE55R
	H = 6 mm	109KOR336R*	109TRE3756R	109TRE56R

* available on request

Manual wrench

MATERIAL Stainless steel

USE Used to screw all Sphero Block and Sphero Flex ball attachments

NOTE Suitable for all BTK platforms

EN	ER	EW
771CEF		

Locator - Straight abutments

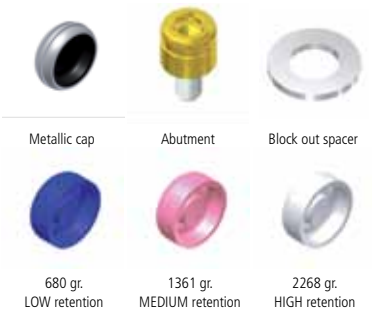
Locator abutment are produced and brewed by
Zest Anchors, Inc., 2061 Wineridge Place, Escondido, CA 92029, USA.
Locator is a registered trademark of Zest Anchors, Inc., San Diego, USA.

MATERIAL Titanium coated with TiN

USE The ultimate solution to the anchorage of overdenture. Its innovative self-aligned design allows the immediate and eased connection between abutment and cap. Its main feature is a reduced vertical height.

DRIVER Use the golden part of Locator "Core Tool"

NOTE Each packaging includes: n° 1 Locator abutment, n° 3 reduced angle retentive caps, n° 1 metallic cap and one teflon block out spacer. Only available for ER and EW prosthetic platforms.



Retentive caps packaging, o correct reduced angle (20°)

	ER	EW
H = 1 mm	260ER1A0	260EW1A0
H = 2 mm	260ER2A0	260EW2A0
H = 3 mm	260ER3A0	260EW3A0
H = 4 mm	260ER4A0	260EW4A0
H = 5 mm	260ER5A0	260EW5A0
H = 6 mm	260ER6A0	

Spare kit

METALLIC CAP KIT + BLOCK OUT SPACER + RETENTIVE CAPS
Made up of metallic cap, teflon block out spacer, three reduced angle retentive caps

Cod. 690NA011

METALLIC CAP KIT + BLOCK OUT SPACER
The metallic cap allows the connection between abutment and prosthesis, the black retentive cap is for temporary use and has to be replaced with the colored cap of the proper retention

Cod. 690NA022

REDUCED ANGLE RETENTIVE CAPS KIT (20°)
Made up of four retentive caps of the same brand

Cod. 690NA006.04 | 680 gr. | LOW retention

Cod. 690NA008.04 | 1361 gr. | MEDIUM retention

Cod. 690NA010.04 | 2268 gr. | HIGH retention

WIDE ANGLE RETENTIVE CAPS KIT (40°)
Made up of four retentive caps of the same brand

Cod. 690NA005.04 | 226-680 gr. | LOW retention

Cod. 690NA007.04 | 907 gr. | MEDIUM retention

Cod. 690NA009.04 | 1361-1814 gr. | HIGH retention

TEMPORARY RETENTIVE CAPS KIT
NEW!

Includes 4 caps of the same brand, to be used as spare parts for transfers

Cod. 690NA054.04

CAP FOR RETENTIVE WRENCH
NEW!

Component to be inserted on the golden part of the locator core tool. It allows to hold the locator abutment to the insertor, helping the abutment placement on the patient's oral cavity. Resistant to up to 5 sterilization cycles. Individually packed.

Cod. 690NA020

Accessories

"3 IN 1" CORE TOOL
System accessory which allows the placement and displacement of the components

Cod. 502MA004

DIRECT TRANSFER
It is used to take the impression

Cod. 321NA0A0

REPLICA
It duplicates the position of the implant in the plaster model

Cod. 301NA0A0

BT-4

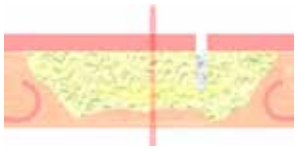
Surgical protocols of implants insertion have progressively become more predictable, therefore patients' aesthetic and functional expectations are increasingly growing. The demand is currently oriented towards total and fixed prosthesis, which can possibly be placed immediately after the surgical phase. Biotec's reply to this request is BT-4, the treatment protocol which allows the placement of a fixed prosthesis avoiding the increase of bone thickness, without the need of numerous surgeries.

SURGICAL INDICATIONS

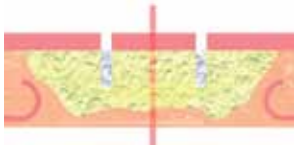
In edentulous patients, the physiological reabsorption of the bone doesn't always allow the necessary vertical shaping that enables the placement of implants in the posterior site, in order to ensure a suitable prosthetic statics.
The intraforaminal region of the mandibular bone and the region sited between the maxillary sinus are the only areas in which the placement of implants is allowed. In these areas, the treatment protocol implies the insertion of two straight implants in proximal position and two angled implants in distal position.
17° and 30° angled implants are able to position the last abutment in order to reduce the cantilever with a biomechanically more suitable location to realize fixed prosthesis avoiding breakage risks.
The proper placement of these implants is favoured by a steel surgical guide which allows to determine the right distance between the implants and to give indications concerning the angle of placement.

SURGICAL GUIDELINES

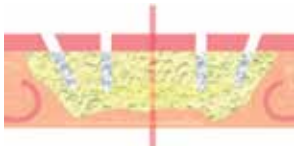
The existing guidelines refer to the placement of 2 straight implants and 2 angled implants.



Make a medial osteotomy using a Ø2 mm drill after the draining of the oral cavity and the detachment of the flap. Insert the surgical guide in the osteotomy and shape it as it tracks the opposite arch of the occlusal line.



Following the regular surgical procedure, insert the two proximal straight implants, considering the positions of the mandibular nerve, the maxillary sinus and the two implants to be placed afterwards.
The lines on the surgical guide, as well as the guide inclination itself, will help in giving instructions. Implant insertion torque must be lower than 35 Ncm in order to not damage implant connection.



Place the two angled implants 17° or 30° distally to the straight implants, according to the regular surgical protocol.
The angled implants have to emerge in correspondence with the second premolar tooth.
Pay attention to the mandibular nerve and to the maxillary sinus.
The diagonals of the surgical guide can be helpful to calculate the angulation.
Implant insertion torque must be lower than 35 Ncm in order to not damage implant connection.

Screw all straight and angled abutments on the implants just placed.
If the surgical procedure has been accurately performed, the retentive titanium screw will occur in occlusal or lingual position, to allow a satisfactory aesthetic result. At this point the prosthetic procedures such as impression taking or the existing prosthesis adaptation can be started.

BT-4 protocol enables to realize a fixed prosthesis with predictable and economically convenient outcomes: exploiting the pre-existent bone, several complex surgeries can be avoided, with consequent decrease of treatment duration and quantity of sessions.
There are a lot of studies in Literature which show how rehabilitation chances from edentulism through the placement of 4-6 immediate or fast loaded implants represent a predictable protocol which is applicable to several patients and based on equal starting conditions.

Straight abutments

MATERIAL Titanium grade 5 (Ti6Al4V)
USE Prosthetic structure to be used to support titanium prosthetic cylinders.
It has to be engaged to the implant by using the retentive titanium screw
DRIVER A reduced hexagon driver 1.2 (Code 530JD015) is required to allow the definitive closing
TORQUE A 25 Ncm torque value is recommended
NOTE Titanium retentive screw included. Provided with a preassembled plastic carrier that enables the transit of the dispositive towards the oral cavity, in order to allow the first turns of the screw. Only available for ER prosthetic platform.

	ER
H = 1 mm	265ER1A0
H = 2 mm	265ER2A0
H = 3 mm	265ER3A0

Angled abutments

MATERIAL Titanium grade 5 (Ti6Al4V)
USE Prosthetic structure to be used to support titanium prosthetic cylinders. It has to be engaged to the implant by using the retentive titanium screw
DRIVER A tapered-shank reduced hexagon driver 1.2 (Code 530JD014) is required to allow the definitive closing
TORQUE A 25 Ncm torque value is recommended
NOTE Titanium retentive screw included. A reusable surgical-steel carrier* is available to allow the transit of the dispositive towards the oral cavity, and to enable the subsequent tightening of the screw in the implant. Only available for ER prosthetic platform

	ER
α = 17° H = 3 mm	266ER3L0
α = 30° H = 3 mm	266ER3G0

Titanium prosthetic cylinder

MATERIAL	Titanium grade 5 (Ti6Al4V)
USE	To be screwed on straight or angled abutments. It represents the connection structure with the prosthesis. It is properly drilled, fitted in the lab and incorporated in the prosthesis
DRIVER	A tapered-shank reduced hexagon driver 1.2 (code 530JD014) is required to allow the definitive closing
TORQUE	A 10 Ncm torque value is suggested
NOTE	Titanium retentive screw included. Only available for ER prosthetic platform.

ER

267NA0A0

Prosthetic plastic abutment

MATERIAL	PMMA
USE	Plastic cylinder used to realize melting superstructures
DRIVER	A tapered-shank reduced hexagon driver 1.2 (Code 530JD014) is required to allow the definitive closing
TORQUE	A 10 Ncm torque value is suggested
NOTE	Titanium retentive screw included. Only available for ER prosthetic platform.

ER

207NA0A0

Transfer

MATERIAL	Titanium grade 5 (Ti6Al4V)
USE	It is used to take the impression on straight or angled abutments with open tray. Provided with titanium retentive screw
DRIVER	A tapered-shank reduced hexagon driver 1.2 (Code 530JD014) is required to allow the definitive closing
TORQUE	The use of a torque wrench with a torque force of 20-25 Ncm is recommended
NOTE	Transfer screw included. Only available for ER prosthetic platform.

ER

311NA0A0

Replica

MATERIAL	Titanium grade 5 (Ti6Al4V)
USE	It reproduces BT-4 straight or angled abutment in the plaster model
NOTE	Only available for ER prosthetic platform

ER

303NA0A0

Cover caps kit

MATERIAL	Titanium grade 5 (Ti6Al4V)
USE	Temporary components, helpful to cover BT-4 abutments during the production of temporary prosthesis in order to avoid contamination
DRIVER	A tapered-shank reduced hexagon driver 1.2 (Code 530JD014) is required to allow the definitive closing.
TORQUE	A 10 Ncm torque value is suggested
NOTE	The package includes 4 titanium caps. Titanium retentive screws included. Only available for ER prosthetic platform.

ER

330NA0A0.04

SUMMARY

		IMPLANT PLATFORM	EN			
		IMPLANT DIAMETER	3.25	3.3	3.3 SP	3.25 PL
		HEALING SCREWS	201EN2A0 (Flare 4,5 H=2 mm) 201EN3A0 (Flare 4,5 H=3 mm) 201EN4A0 (Flare 4,5 H=4 mm) 202EN4A0 (Flare 4,7 H=4 mm) SP			201ER2A0 (Flare 5,0 H=2 mm) 201ER3A0 (Flare 5,0 H=3 mm) 201ER4A0 (Flare 5,0 H=4 mm)
		CAP TRANSFER	320EN0A0 ◊			
		PICK-UP TRANSFER	319EN0A0 (Not rotating)* 319EN0R0 (Rotating)* 321EN0A0 (Not rotating)* SP 321EN0R0 (Rotating)* SP			
		REPLICAS	301EN0A0 302EN0A0 SP			
		STRAIGHT ABUTMENTS	220EN1A0 (Flare 4,5 H=1 mm) • 220EN2A0 (Flare 4,5 H=2 mm) • 220EN3A0 (Flare 4,5 H=3 mm) • 220EN4A0 (Flare 4,5 H=4 mm) • 221EN4A0 (Flare 4,7 H=4 mm) • SP			220ER2A1 (Flare 5,0 H=2 mm) • 220ER4A0 (Flare 5,0 H=4 mm) •
		ANGLED ABUTMENTS				220ER2D0 (15° H=2 mm) • 220ER4D0 (15° H=4 mm) •
		TEMPORARY ABUTMENTS	210EN2A0 (Not rotating) • 210EN2R0 (Rotating) •			
		AESTHETIC ABUTMENTS	219EN0A0 •			
		GOLD BASES	245EN1A0 (Not rotating) • 245EN1R0 (Rotating) •			
		PLASTIC ABUTMENTS	205EN1A1 (Not rotating) • 205EN1R1 (Rotating) • 205EN1A0.10 (Not rotating - 10 pezzi) • 205EN1R1.10 • (Rotating - 10 pezzi) • 206EN1A0 (Not rotating) • SP 206EN1R0 (Rotating) • SP			205ER2A0 (Not rotating) • 205ER2A1 (Rotating) •
		TITANIUM BASES FOR ZIRCONIA				
		TITANIUM BASES FOR ZIRCONIA WITH PLASTIC ABUTMENTS				
		MILLABLE ABUTMENT				
BALL ATTACHMENT		STRAIGHT ABUTMENTS	SPHERO BLOCK NORMO SPHERE Ø 2,5	002K0R331R (H=1 mm) 002K0R332R (H=2 mm) 002K0R333R (H=3 mm)	002K0R334R (H=4 mm) 002K0R335R (H=5 mm) ^ 002K0R336R (H=6 mm) ^	SPHERO BLOCK NORMO SPHERE Ø 2,5
			SPHERO BLOCK MICRO SPHERE Ø 1,8	003K0R331R (H=1 mm) 003K0R332R (H=2 mm) 003K0R333R (H=3 mm)	003K0R334R (H=4 mm) 003K0R335R (H=5 mm) ^ 003K0R336R (H=6 mm) ^	SPHERO BLOCK MICRO SPHERE Ø 1,8
			SPHERO FLEX SPHERE Ø 2,5	109K0R331R (H=1 mm) 109K0R332R (H=2 mm) 109K0R333R (H=3 mm)	109K0R334R (H=4 mm) 109K0R335R (H=5 mm) ^ 109K0R336R (H=6 mm) ^	SPHERO FLEX SPHERE Ø 2,5
		MANUAL WRENCH 771CEF				
LOCATOR		STRAIGHT ABUTMENTS				260ER1A0 (H=1 mm) 260ER2A0 (H=2 mm)
		METALLIC CAP KIT + BLOCK OUT SPACER + RETENTIVE CAPS				
		METALLIC CAP KIT + BLOCK OUT SPACER				
		REDUCED ANGLE RETENTIVE CAPS KIT (20°)				
		WIDE ANGLE RETENTIVE CAPS KIT (40°)				
		TEMPORARY RETENTIVE CAPS KIT				
		CAP FOR RETENTIVE WRENCH				
		"3 IN 1" CORE TOOL				
		DIRECT TRANSFER				
		REPLICA				

* Transfer screw included • Titanium retentive screw included ◊ Transfer screw and retentive cap included

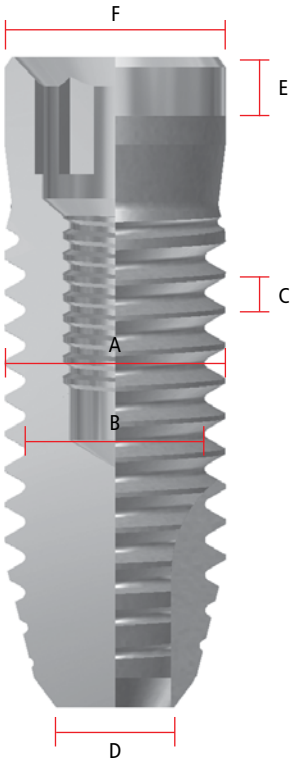
ER			EW	
3.75	4	4 SP	5	5 SP
201ER4A1 (Flare 6,0 H=4 mm) 201ER6A0 (Flare 5,0 H=6 mm) 201ER8A0 (Flare 5,0 H=8 mm) 201ER4A2 (Flare 7,5 H=4 mm) 201ER6A1 (Flare 6,0 H=6 mm) 201ER8A1 (Flare 6,0 H=8 mm) 202ER4A0 (Flare 5,6 H=4 mm) SP 201ER6A2 (Flare 7,5 H=6 mm) 201ER8A2 (Flare 7,5 H=8 mm)			201EW2A0 (Flare 6,0 H=2 mm) 201EW6A0 (Flare 6,0 H=6 mm) 201EW4A1 (Flare 7,5 H=4 mm) 201EW3A0 (Flare 6,0 H=3 mm) 201EW8A0 (Flare 5,5 H=8 mm) 201EW6A1 (Flare 7,5 H=6 mm) 201EW4A0 (Flare 6,0 H=4 mm) 201EW2A1 (Flare 7,5 H=2 mm)	
320ER0A1 ◊			320EW0A1 ◊	
319ER0A0 (Not rotating)* 319ER0R0 (Rotating)* 321ER0A0 (Not rotating)* SP 321ER0R0 (Rotating)* SP			319EW0A0 (Not rotating)* 319EW0R0 (Rotating)*	
301ER0A1 302ER0A0 SP			301EW0A0	
220ER4A1 (Flare 6,0 H=4 mm) • 220ER2A2 (Flare 7,5 H=2 mm) •	220ER2A3 (Flare 6,0 H=2 mm) • 220ER4A2 (Flare 7,5 H=4 mm) • 221ER4A0 (Flare 5,6 H=4 mm) • SP		220EW2A2 (Flare 5,5 H=2 mm) • 220EW4A2 (Flare 5,5 H=4 mm) •	220EW2A3 (Flare 7,5 H=2 mm) • 220EW4A3 (Flare 7,5 H=4 mm) •
220ER2F0 (25° H=2 mm) • 220ER4F0 (25° H=4 mm) •				
210ER2A0 (Not rotating) • 210ER2A1 (Rotating) •				
219ER0A0 •			219EW0A0 •	
245ER1A0 (Not rotating) • 245ER1R0 (Rotating) •			245EW1A0 (Not rotating) • 245EW1R0 (Rotating) •	
205ER2A0. 10 (Not rotating - 10 pezzi) • 205ER2A1.10 (Rotating - 10 pezzi) •			205EW2A0 (Not rotating) • 205EW2A1(Rotating) • 205EW2A0.10 (Not rotating - 10 pezzi) • 205EW2A1.10 (Rotating - 10 pezzi) •	
236ER0A0 (Not rotating) • 236ER0A1 (Rotating) •				
237ER0A0 (Not rotating) • 237ER0A1 (Rotating) •				
230ER0A0 •				
002TRE37 51R (H=1 mm) 002TRE3753R (H=3 mm) 002TRE3755R (H=5 mm) 002TRE37 52R (H=2 mm) 002TRE3754R (H=4 mm) 002TRE3756R (H=6 mm)			SPHERO BLOCK NORMO 002TRE51R (H=1 mm) 002TRE53R (H=3 mm) 002TRE55R (H=5 mm) SPHERE Ø 2,5 002TRE52R (H=2 mm) 002TRE54R (H=4 mm) 002TRE56R (H=6 mm)	
003TRE37 51R (H=1 mm) 003TRE3753R (H=3 mm) 003TRE3755R (H=5 mm) 003TRE37 52R (H=2 mm) 003TRE3754R (H=4 mm) 003TRE3756R (H=6 mm)			SPHERO BLOCK MICRO 003TRE51R (H=1 mm) 003TRE53R (H=3 mm) 003TRE55R (H=5 mm) SPHERE Ø 1,8 003TRE52R (H=2 mm) 003TRE54R (H=4 mm) 003TRE56R (H=6 mm)	
109TRE37 51R (H=1 mm) 109TRE3753R (H=3 mm) 109TRE3755R (H=5 mm) 109TRE37 52R (H=2 mm) 109TRE3754R (H=4 mm) 109TRE3756R (H=6 mm)			SPHERO FLEX 109TRE51R (H=1 mm) 109TRE53R (H=3 mm) 109TRE55R (H=5 mm) SPHERE Ø 2,5 109TRE52R (H=2 mm) 109TRE54R (H=4 mm) 109TRE56R (H=6 mm)	
771CEF				
260ER3A0 (H=3 mm) 260ER5A0 (H=5 mm) 260ER4A0 (H=4 mm) 260ER6A0 (H=6 mm)			260EW1A0 (H=1 mm) 260EW2A0 (H=2 mm) 260EW3A0 (H=3 mm) 260EW4A0 (H=4 mm) 260EW5A0 (H=5 mm)	
690NA011				
690NA022				
690NA006.04 (680 gr. | LOW retention)			690NA008.04 (1361 gr. | MEDIUM retention)	690NA010.04 (2268 gr. | HIGH retention)
690NA005.04 (226-680 gr. | LOW retention)			690NA007.04 (907 gr. | MEDIUM retention)	690NA009.04 (1361-1814 gr. | HIGH retention)
690NA054.04				
690NA020				
502MA004				
321NA0A0				
301NA0A0				

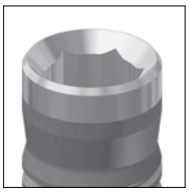
SP SP Only available for SP implants ^ Available by request

internal hexagon implants

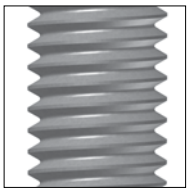
BT **KLASSIC** INT

Cylindrical implant with internal hexagon connection

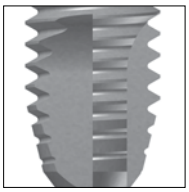




Internal hexagon

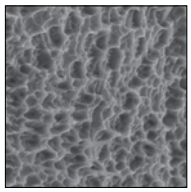


Cylindrical body



Four apical cutting cavities

Self tapping properties



DAES surface

A	B	C	D	E	F	
IMPLANT DIAMETER	IMPLANT BODY DIAMETER	THREAD PITCH	TIP DIAMETER	SMOOTH NECK	PLATFORM	THREADING
3,25	2,5	0,6	1,85	1	3,5	M 1,8
3,75	3	0,6	2	1	3,5	M 1,8
4,25	3,2	0,9	2,4	1	4,5	M 1,8
5	3,8	0,9	3,25	1	5	M 1,8

All measurements are in millimeters

BT KLASSIC INT ADVANTAGES ARE

- Cylindrical body. Classic, well known and compatible with all the advantages of BTK implant lines
- Simple, safe and reliable surgical protocol
- Unified prosthetics which fits with other BTK implant lines
- Colour coding for prosthetics, for easy identification and precise coupling with implants
- All prosthetics devices are laser marked

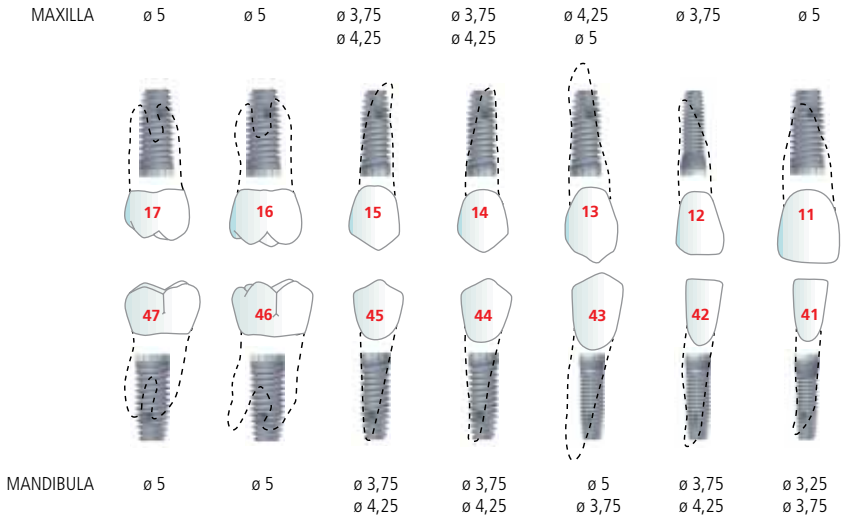
DIAMETER CONNECTION	NOMINAL LENGHT	REFERENCE	DESCRIPTION	RENDERING
3,25 IR	10	106IR32L	BT KLASSIC IMPLANT Ø3,25MM IR X 10MM	
	11,5	106IR32M	BT KLASSIC IMPLANT Ø3,25MM IR X 11,5MM	
	13	106IR32P	BT KLASSIC IMPLANT Ø3,25MM IR X 13MM	
	15	106IR32R	BT KLASSIC IMPLANT Ø3,25MM IR X 15MM	
3,75 IR	8,5	106IR37J	BT KLASSIC IMPLANT Ø3,75MM IR X 8,5MM	
	10	106IR37L	BT KLASSIC IMPLANT Ø3,75MM IR X 10MM	
	11,5	106IR37M	BT KLASSIC IMPLANT Ø3,75MM IR X 11,5MM	
	13	106IR37P	BT KLASSIC IMPLANT Ø3,75MM IR X 13MM	
	15	106IR37R	BT KLASSIC IMPLANT Ø3,75MM IR X 15MM	
4,25 IM	8,5	106IM42J	BT KLASSIC IMPLANT Ø4,25MM IM X 8,5MM	
	10	106IM42L	BT KLASSIC IMPLANT Ø4,25MM IM X 10MM	
	11,5	106IM42M	BT KLASSIC IMPLANT Ø4,25MM IM X 11,5MM	
	13	106IM42P	BT KLASSIC IMPLANT Ø4,25MM IM X 13MM	
	15	106IM42R	BT KLASSIC IMPLANT Ø4,25MM IM X 15MM	
5 IW	8,5	106IW50J	BT KLASSIC IMPLANT Ø5MM IW X 8,5MM	
	10	106IW50L	BT KLASSIC IMPLANT Ø5MM IW X 10MM	
	11,5	106IW50M	BT KLASSIC IMPLANT Ø5MM IW X 11,5MM	
	13	106IW50P	BT KLASSIC IMPLANT Ø5MM IW X 13MM	
	15	106IW50R	BT KLASSIC IMPLANT Ø5MM IW X 15MM	

Implants are supplied with pre assembled mounting device and cover screw Hex. 1,20 screwable with driver Hex. 1,20

SURGICAL PROCEDURE

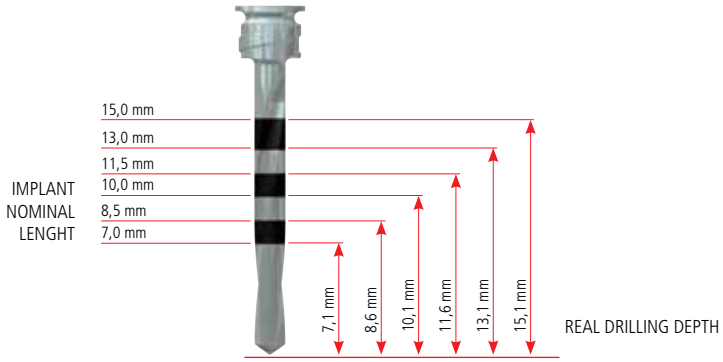
Implant planning

A correct and appropriate planning is necessary in order to remark implant dimensions and relative prosthetic part, or rather root-crown relationship. The surgical planning reported in this catalogue refers to an "ideal" implant protocol; it's indicative but also useful to the dentist in order to help him making all his evaluations.



Depth marks

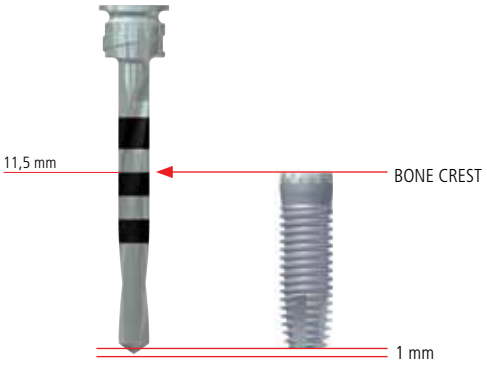
The depth mark of each lenght indicates crestal positioning for the corresponding implant lenght. The tip of the drill has to be considered while preparing the osteotomy.



Implant positioning

CRESTAL POSITIONING

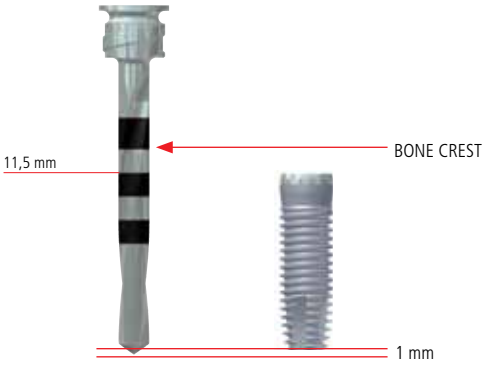
When BT KLASSIC INT is inserted in crestal positioning, the platform of the implant should be positioned at the bone crest level.
To obtain the correct depth, drill up to the depth mark that refers to the implant lenght.



Implant L = 11,5 mm

SUB-CRESTAL POSITIONING

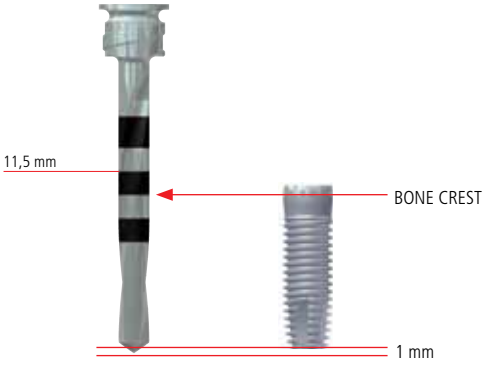
When BT KLASSIC INT implant is inserted in sub-crestal positioning, the platform of the implant should be positioned under the bone crest level. This tecnique is used overall in the anterior region to achieve the best aesthetic result. To obtain the correct depth, drill up to the depth mark that refers to the subsequent implant lenght.



Implant L = 11,5 mm

SUPRA-CRESTAL POSITIONING

When BT KLASSIC INT implant is inserted in supra-crestal positioning, the platform of the implant should be positioned above the bone crest level. To obtain the correct depth, drill up to the depth mark that refers to the previous implant lenght.



Implant L = 11,5 mm

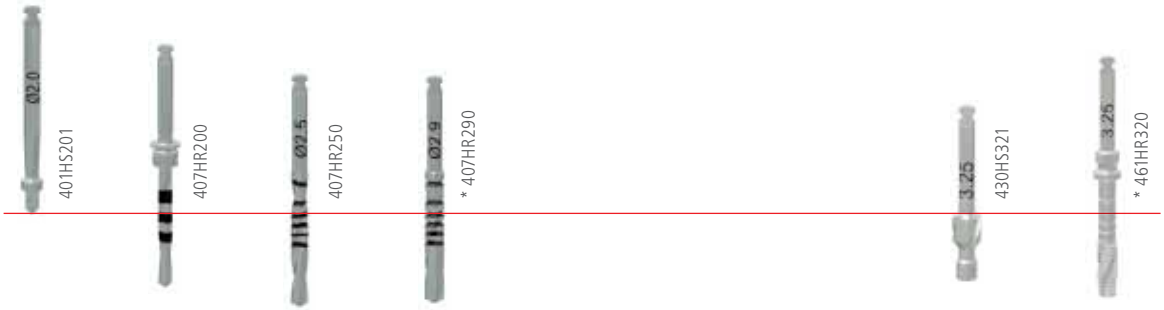
Surgical Procedure Warnings

To assure the patient the lowest painful post-operation course, as well as the reduction or absence of associated swellings, a minimum susceptibility to infections and injury recovery without complications, the surgery must be performed in a short amount of time, in respect of all tissues.
The following instructions must be observed during the preparation of the implant site:
-ensure sufficient cooling with pre-cooled physiological solution (5°C);
-check cutting instrument sharpness and always use them in ascending order (from the smallest diameter to the largest);
-observe the maximum number of rounds for each drill type;
-while drilling, combine a slight pressure with an alternating "up-down" movement every 1-2 seconds for a correct cooling action.

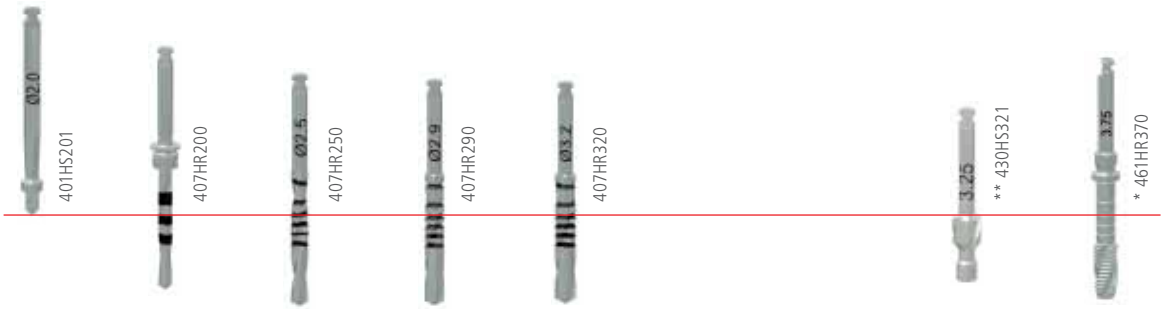
Surgical Sequence

The below surgical sequence refers to a crestal positioning of an implant 11,5 mm long

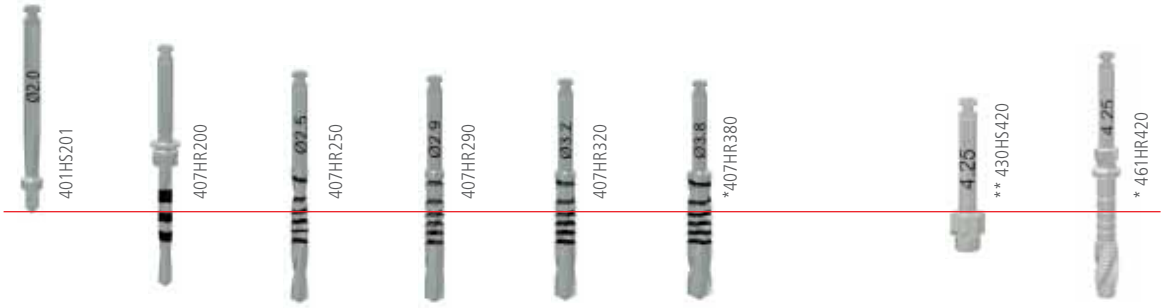
ø 3,25 IMPLANT



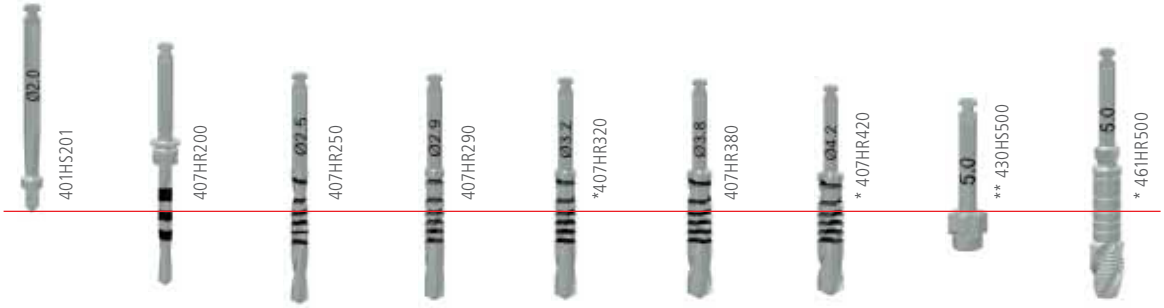
ø 3,75 IMPLANT



ø 4,25 IMPLANT



ø 5 IMPLANT



* Use in case of compact bone (D1-D2)

** Use in case of hard cortical bone

Surgical procedure

LANCE DRILL
After opening the gingival edge through incision and scraping, use the lance drill to create a space on the cortical bone, useful to the positioning of the pilot drill tip.
Recommended speed: 800 - 1000 rpm.

PILOT PRILL
Drill with the Ø2,0mm pilot drill up to the depth pointed out by the mark which refers to the implant positioning planned. An abundant external irrigation through pre-cooled physiological solution is suggested.
Recommended speed: 800 - 1000 rpm.

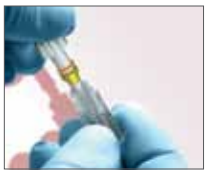
DEPTH GAUGE
To check depth, position and angulation of the hole it is possible to use the depht gauge or the parallelism pins, inserting it in the implant site.

FINAL DRILLS
Enlarge the implant site following the drill sequence indicated for each implant diameter.
Respect the depth, referring to the marks reported on the drill. An abundant external irrigation through pre-cooled physiological solution is suggested.
Recommended speed:
drill Ø 2,5 --> 800 - 1000 rpm
drill Ø 2,9 --> 800 - 1000 rpm
drill Ø 3,2 --> 800 - 1000 rpm
drill Ø 3,8 --> 800 - 1000 rpm
drill Ø 4,2 --> 600 - 800 rpm

COUNTERBORE
When necessary, prepare the cortical zone using the counterbore (see implant positioning and surgical sequence for further information). In case of crestal positioning of the implant, the laser marking reported on the instrument indicates the correct depth. An abundant external irrigation through pre-cooled physiological solution is suggested.
Recommended speed: 300 - 400 rpm

TAPPING SCREW
To be used in case of compact bone (D1-D2). Place the tip of the tapping screw in the site prepared and start to screw slowly (max 15 rpm) applying a little pressure. Once engaged the thread, proceed for some turns applying no more pressure, preferably with an alternate movement (one turn forward followed by half turn back and so on). When the correct depth corresponding to the relative mark of reference has been reached, carefully unscrew the tapping screw.

IMPLANT TAKING
Take the implant from the packaging using a wrench for handpiece or a manual wrench.



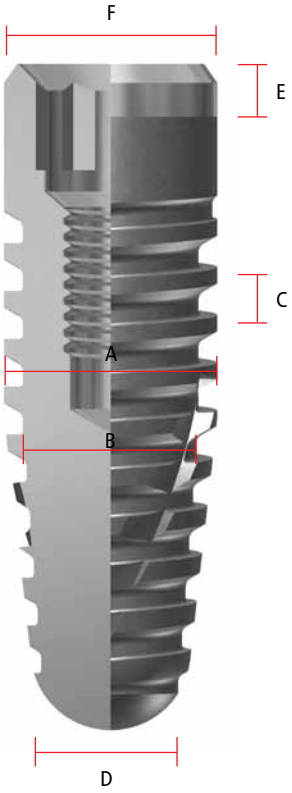
IMPLANT INSERTION
Insert the implant slowly (max 15 rpm) making sure to perfectly engage the thread, if prepared before. During the insertion of the implant, do not exceed the maximum torque of 35 Ncm, in order not to damage the implant connection. If the implant doesn't reach the desired depth, DO NOT FORCE, remove it from the site and repeat the drilling and tapping operations checking the depth and the correct surgical sequence.

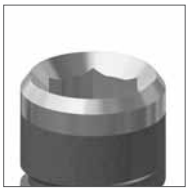
MOUNTING DEVICE REMOVAL
Remove the mounting device, unscrewing the retentive screw with a driver Hex. 1,20.
In order not to risk to unscrew the implant, keep the mounting device with a fixed wrench.

COVER SCREW INSERTION
Take the cover screw from the implant phial and screw it with the driver Hex. 1,2.
Close the gingival edge and make a suitable suture.

BT **KONIC** INT

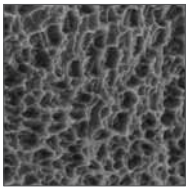
Conical implant with internal hexagon connection




Internal hexagon


Conical body


Uncutting apex


DAES surface

A	B	C	D	E	F	
IMPLANT DIAMETER	IMPLANT BODY DIAMETER	THREAD PITCH	TIP DIAMETER	SMOOTH NECK	PLATFORM	THREADING
3,25	2,9	0,8	1,8	1	3,5	M 1,8
4	3,3	0,9	2,5	1	3,5	M 1,8
5	4,2	0,9	3,2	1	5	M 1,8

All measurements are in millimeters

BT KONIC INT ADVANTAGES ARE

- Gradual conical implant, which replies tooth's root
- Thread design that produces an anchoring bone response
- Hemispherical apex, suitable for non-invasive surgery
- Unified prosthetics which fits with other BTK implant lines
- Colour coding for prosthetics, for easy identification and precise coupling with implants
- All prosthetics devices are laser marked

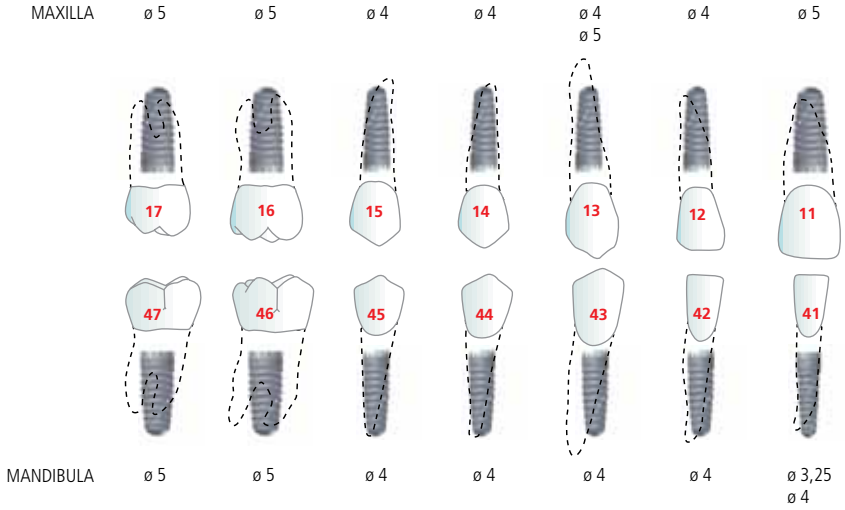
DIAMETER CONNECTION		NOMINAL LENGHT	REFERENCE	DESCRIPTION	RENDERING
3,25	IR	10	108IR32L	BT KONIC IMPLANT Ø3,25MM IR X 10MM	
		11,5	108IR32M	BT KONIC IMPLANT Ø3,25MM IR X 11,5MM	
		13	108IR32P	BT KONIC IMPLANT Ø3,25MM IR X 13MM	
		15	108IR32R	BT KONIC IMPLANT Ø3,25MM IR X 15MM	
4	IR	8,5	108IR40J	BT KONIC IMPLANT Ø4MM IR X 8,5MM	
		10	108IR40L	BT KONIC IMPLANT Ø4MM IR X 10MM	
		11,5	108IR40M	BT KONIC IMPLANT Ø4MM IR X 11,5MM	
		13	108IR40P	BT KONIC IMPLANT Ø4MM IR X 13MM	
		15	108IR40R	BT KONIC IMPLANT Ø4MM IR X 15MM	
5	IW	8,5	108IW50J	BT KONIC IMPLANT Ø5MM IW X 8,5MM	
		10	108IW50L	BT KONIC IMPLANT Ø5MM IW X 10MM	
		11,5	108IW50M	BT KONIC IMPLANT Ø5MM IW X 11,5MM	
		13	108IW50P	BT KONIC IMPLANT Ø5MM IW X 13MM	
		15	108IW50R	BT KONIC IMPLANT Ø5MM IW X 15MM	

Implants are supplied with pre assembled mounting device and cover screw Hex. 1,20 screwable with driver Hex. 1,20

SURGICAL PROCEDURE

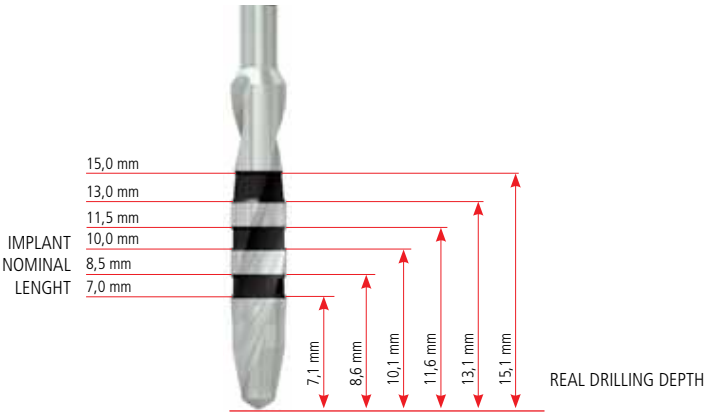
Implant planning

A correct and appropriate planning is necessary in order to remark implant dimensions and relative prosthetic part, or rather root-crown relationship. The surgical planning reported in this catalogue refers to an "ideal" implant protocol; it's indicative but also useful to the dentist in order to help him making all his evaluations.



Depth marks

The depth mark of each lenght indicates crestal positioning for the corresponding implant lenght. The tip of the drill has to be considered while preparing the osteotomy.



Implant positioning

CRESTAL POSITIONING

When BT KONIC INT is inserted in crestal positioning, the platform of the implant should be positioned at the bone crest level.
To obtain the correct depth, drill up to the depth mark that refers to the implant lenght.

Implant L = 11,5 mm

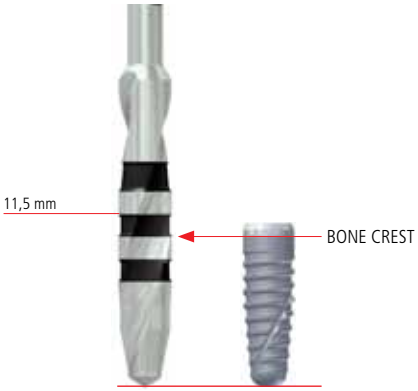
SUB-CRESTAL POSITIONING

When BT KONIC INT implant is inserted in sub-crestal positioning, the platform of the implant should be positioned under the bone crest level. This tecnique is used overall in the anterior region to achieve the best aesthetic result. To obtain the correct depth, drill up to the depth mark that refers to the subsequent implant lenght.

Implant L = 11,5 mm

SUPRA-CRESTAL POSITIONING

When BT KONIC INT implant is inserted in supra-crestal positioning, the platform of the implant should be positioned above the bone crest level. To obtain the correct depth, drill up to the depth mark that refers to the previous implant lenght.



Implant L = 11,5 mm

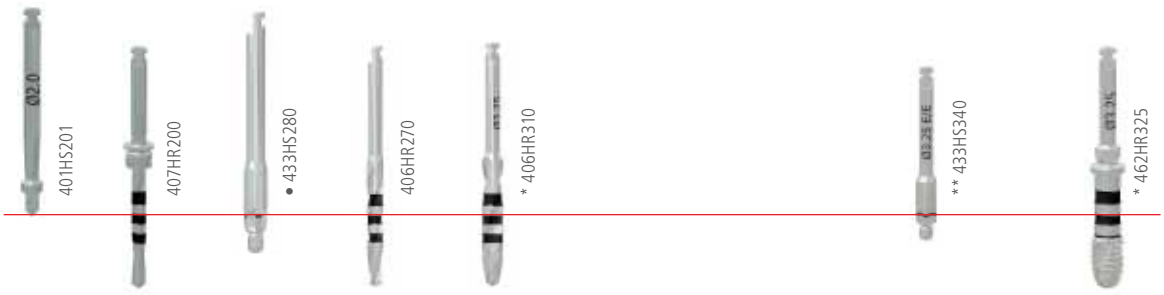
Surgical procedure warnings

To assure the patient the lowest painful post-operation course, as well as the reduction or absence of associated swellings, a minimum susceptibility to infections and injury recovery without complications, the surgery must be performed in a short amount of time, in respect of all tissues.
The following instructions must be observed during the preparation of the implant site:
-ensure sufficient cooling with pre-cooled physiological solution (5°C);
-check cutting instrument sharpness and always use them in ascending order (from the smallest diameter to the largest);
-observe the maximum number of rounds for each drill type;
-while drilling, combine a slight pressure with an alternating "up-down" movement every 1-2 seconds for a correct cooling action.

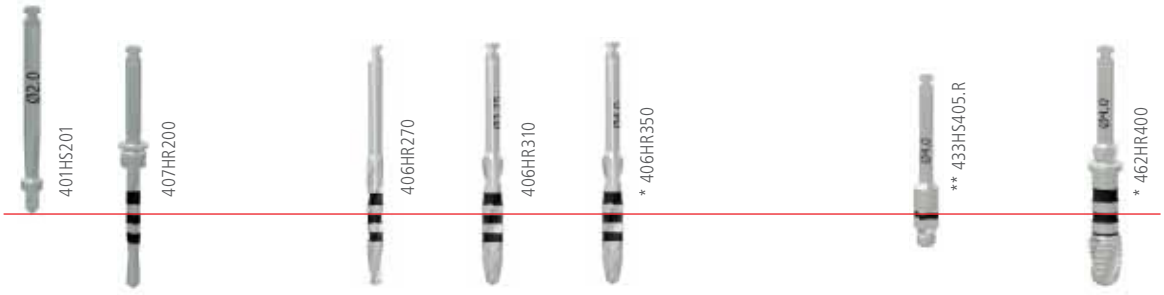
Surgical sequence

The below surgical sequence refers to a crestal positioning of an implant 11,5 mm long

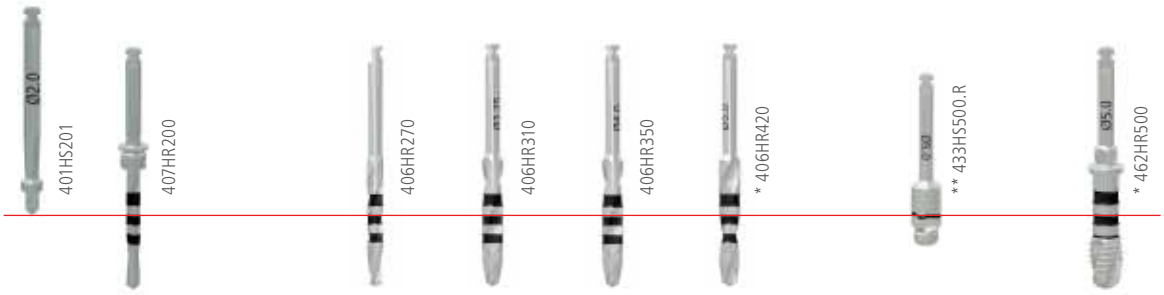
ø 3,25 IMPLANT



ø 4 IMPLANT



ø 5 IMPLANT



• Use in case of soft bone (D4) straight proceed with the insertion of the implant
* Use in case of compact bone (D1-D2)
** Use in case of hard cortical bone

Surgical procedure

LANCE DRILL
After opening the gingival edge through incision and scraping, use the lance drill to create a space on the cortical bone, useful for the positioning of the pilot drill tip.
Recommended speed: 800 - 1000 rpm.

PILOT PRILL
Drill with the Ø2,0mm pilot drill up to the depth pointed out by the mark which refers to the implant positioning planned. An abundant external irrigation through pre-cooled physiological solution is suggested.
Recommended speed: 800 - 1000 rpm.

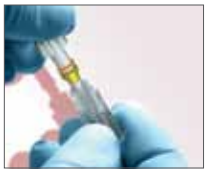
DEPTH GAUGE
To check depth, position and angulation of the hole it is possible to use the depht gauge or the parallelism pins, inserting it in the implant site.

FINAL DRILLS
Enlarge the implant site following the conical drills sequence indicated for each implant diameter. Without stopping the phisio-dispenser, drill by making an "up and down" movement each 1-2 seconds. Respect the depth, referring to the "implants positioning" chapter. It's recommended an abundant external irrigation through pre-cooled physiological solution.
Recommended speed: drill Ø 2,7 --> 800 - 1000 rpm
drill Ø 3,1 --> 800 - 1000 rpm
drill Ø 3,5 --> 800 - 1000 rpm
drill Ø 4,2 --> 800 - 1000 rpm

COUNTERBORE
When necessary, prepare the cortical zone using the counterbore. In case of crestal positioning of the implant, the mark of reference reported on the instrument indicate the correct depth. It's recommended an abundant external irrigation through pre-cooled physiological solution. Recommended speed: 300 - 400 rpm.

TAPPING SCREW
To be used in case of compact bone (D1-D2). Position the tip of the tapping screw in the site prepared and start to screw slowly (max 15 rpm) applying a little pressure. Once the thread is engaged, proceed for some turns without no more pressure, preferably with an alternate movement (one turn forward followed by half turn back and so on). When the correct depth, coincident to the relative mark of reference, has been reached, unscrew the tapping screw carefully.

IMPLANT TAKING
Take the implant from the packaging using a digital implant driver or an implant driver for handpiece.



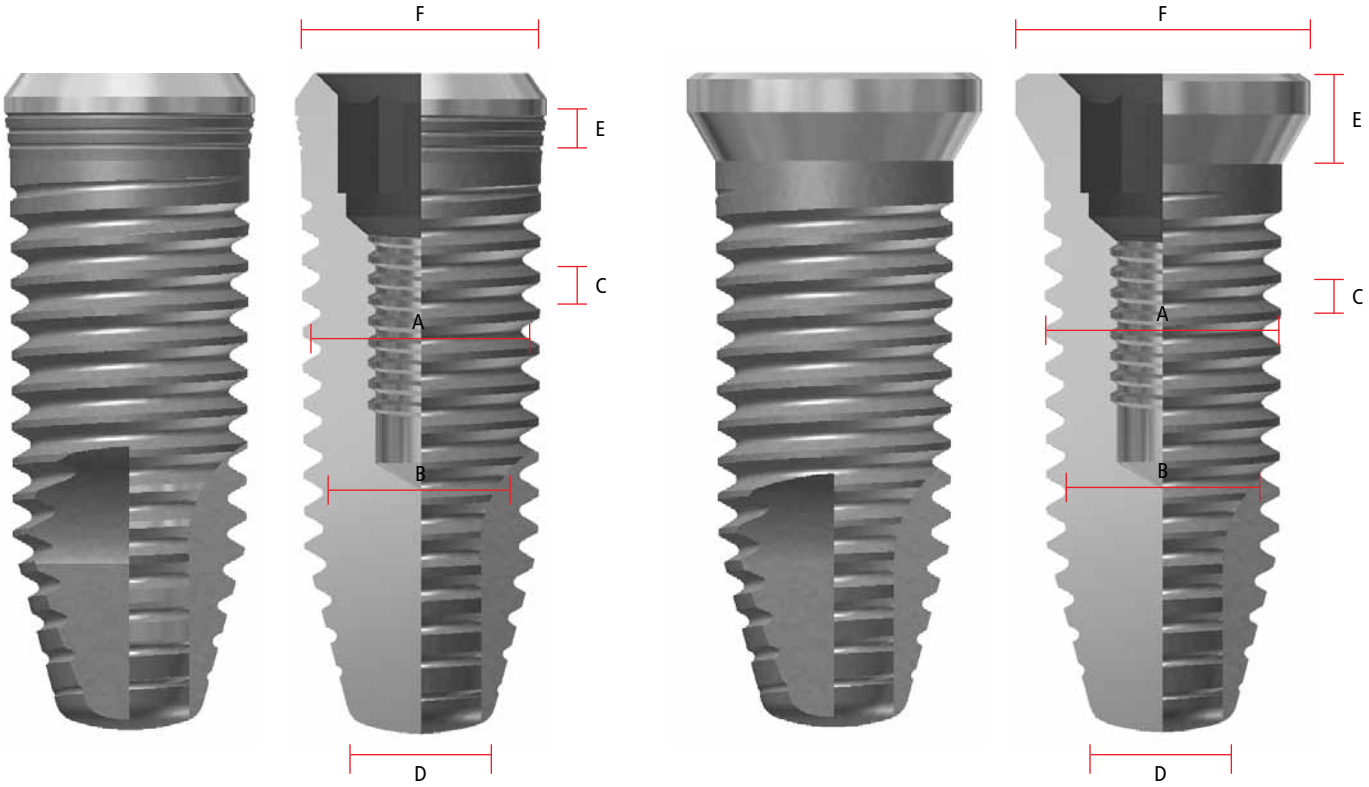
IMPLANT INSERTION
Insert the implant slowly (max 15 rpm) taking care to engage the thread perfectly, if prepared before. During the insertion of the implant, do not exceed the maximum torque of 35 Ncm, in order not to damage the implant connection. If the implant doesn't reach the desired depth, DO NOT FORCE, remove it from the site and repeat the drilling and tapping operations verifying the depth and the correct surgical sequence.

MOUNTING DEVICE REMOVAL
Remove the mounting device, unscrewing the retentive screw with a driver Hex. 1,20.
In order not to risk to unscrew the implant, keep the mounting device with a fixed wrench.

COVER SCREW INSERTION
Take the cover screw from the implant phial and screw it with the driver Hex. 0,9.
Close the gingival edge and make a suitable suture.

BT **EVO DL** INT

Gradual conical implant with internal hexagon connection, traditional and Switching Platform (SP)



Internal hexagon | SP Internal hexagon | Gradual conical body | Not cutting apex | Micro grooves | Smooth neck | DAES surface

A	B	C	D	E	F	
IMPLANT DIAMETER	IMPLANT BODY DIAMETER	THREAD PITCH	TIP DIAMETER	SMOOTH NECK	PLATFORM	THREADING
3,3	2,7	0,55	2	0,7	3,5	M 1,8
3,3 SP	2,7	0,55	2	1,5	3,7	M 1,8
4	3,2	0,6	2,45	0,7	3,5	M 1,8
4 SP	3,2	0,6	2,45	1,5	4,6	M 1,8
5	4	0,75	2,95	0,7	5	M 1,8
5 SP	4	0,75	2,95	1,5	5,6	M 1,8

All measurements are in millimeters

BT EVO DL INT ADVANTAGES ARE

- Gradual coning morfology for easy insertion
- Switching platform concept to respect soft tissues and to preserve crestal bone
- No mounting device for agile insertion procedure and precise implant guide
- Colour coding for implants and prosthetics for easy identification and precise coupling
- All prosthetics devices are laser marked

DAIMETER CONNECTION	NOMINAL LENGHT	REFERENCE	DESCRIPTION	RENDERING
3,3 IR	10	115IR33L	BT EVO DL IMPLANT Ø3,3MM IR X 10MM	
	11,5	115IR33M	BT EVO DL IMPLANT Ø3,3MM IR X 11,5MM	
	13	115IR33P	BT EVO DL IMPLANT Ø3,3MM IR X 13MM	
	15	115IR33R	BT EVO DL IMPLANT Ø3,3MM IR X 15MM	
4 IR	8,5	115IR40J	BT EVO DL IMPLANT Ø4MM IR X 8,5MM	
	10	115IR40L	BT EVO DL IMPLANT Ø4MM IR X 10MM	
	11,5	115IR40M	BT EVO DL IMPLANT Ø4MM IR X 11,5MM	
	13	115IR40P	BT EVO DL IMPLANT Ø4MM IR X 13MM	
	15	115IR40R	BT EVO DL IMPLANT Ø4MM IR X 15MM	
5 IW	7	115IW50I	BT EVO DL IMPLANT Ø5MM IW X 7MM	
	8,5	115IW50J	BT EVO DL IMPLANT Ø5MM IW X 8,5MM	
	10	115IW50L	BT EVO DL IMPLANT Ø5MM IW X 10MM	
	11,5	115IW50M	BT EVO DL IMPLANT Ø5MM IW X 11,5MM	
	13	115IW50P	BT EVO DL IMPLANT Ø5MM IW X 13MM	
	15	115IW50R	BT EVO DL IMPLANT Ø5MM IW X 15MM	

DAIMETER CONNECTION	NOMINAL LENGHT	REFERENCE	DESCRIPTION	RENDERING
3,3 SP IR	10	117IR33L	BT EVO DL IMPLANT Ø3,3MM IR X 10MM SP	
	11,5	117IR33M	BT EVO DL IMPLANT Ø3,3MM IR X 11,5MM SP	
	13	117IR33P	BT EVO DL IMPLANT Ø3,3MM IR X 13MM SP	
	15	117IR33R	BT EVO DL IMPLANT Ø3,3MM IR X 15MM SP	
4 SP IR	7	117IR40I	BT EVO DL IMPLANT Ø4MM IR X 7MM SP	
	8,5	117IR40J	BT EVO DL IMPLANT Ø4MM IR X 8,5MM SP	
	10	117IR40L	BT EVO DL IMPLANT Ø4MM IR X 10MM SP	
	11,5	117IR40M	BT EVO DL IMPLANT Ø4MM IR X 11,5MM SP	
	13	117IR40P	BT EVO DL IMPLANT Ø4MM IR X 13MM SP	
	15	117IR40R	BT EVO DL IMPLANT Ø4MM IR X 15MM SP	
5 SP IW	7	117IW50I	BT EVO DL IMPLANT Ø5MM IW X 7MM SP	
	8,5	117IW50J	BT EVO DL IMPLANT Ø5MM IW X 8,5MM SP	
	10	117IW50L	BT EVO DL IMPLANT Ø5MM IW X 10MM SP	
	11,5	117IW50M	BT EVO DL IMPLANT Ø5MM IW X 11,5MM SP	
	13	117IW50P	BT EVO DL IMPLANT Ø5MM IW X 13MM SP	
	15	117IW50R	BT EVO DL IMPLANT Ø5MM IW X 15MM SP	

TECHNICAL FEATURES

One of the main features of BT EVO DL is the absence of mounting device.

A specific driver enables to take and insert the implant directly into the site. This streamlines the procedures, improves the operating visibility and enables a more "direct", stable and precise implant guide. A better manual sensibility is required in order to avoid forcing the insertion driver.

Photo scanning (50X)
internal hexagon connection

Switching Platform concept

Some long-term studies have shown that in the first year after the prosthesis load, a loss of bone at the periimplant neck with average values of 1.2-1.5 mm can be noticed. The use of prosthetic components with a smaller diameter than that of the implant would appear to keep crestal bone reabsorption within lower limits of 0.2 ± 0.4 mm, as shown by S.M. FICKL, O. ZUHR, H. WACHTEL, W. BOLZ and M. HUERZELER, Private Institute for Periodontolgy and Implantology, Munich, Germany. The reduction of 0.45 mm in the abutment radius as compared with that of the implant, is sufficient to move the inflammatory Infiltrate Connective Tissue (ICT) spacing it out of the implant-bone interface.

Tissues regeneration
follow-up at three months

The flaring of the passage from the head to the body of the implant can be used, at the operator's discretion, to be positioned at a crestal or sub-crestal level, thereby enabling to obtain great primary stability even in poor quality bone. This flaring, as it is in mechanically smoothed C.P. (Commercially Pure) titanium, enables the respect and maintenance of soft tissues in terms of biological range and hygiene even for future possible tissue contractions, as the minimal plaque retention of these surfaces has been demonstrated. The recommended positioning in non-aesthetic areas is with the flaring that minimally involves the cortical substance, while the implant head should be positioned below the residual bone crest in the event of immediate post-extractions (see "implant positioning").

Tissues regeneration
follow-up at three months

Driver for direct insertion

The insertion driver is used to extract and directly insert the implant in the implant site.
The new insertion driver technology:

- facilitates the removal of the implant from the vial in a quick, safe and easy way
- deletes the implant device disassembling procedure
- increases the visibility of the working area facilitating a correct implant positioning
- entirely eliminates any damage of the external hexagon caused by the traditional mounting device, exploiting a double connection that equally distributes the insertion driver forces
- allows a guided insertion that is perfectly aligned with the implant.

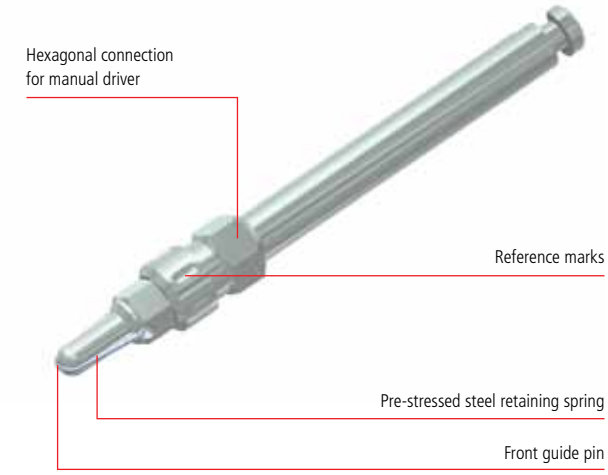
The reference marks on the external part correspond to the sides of the implant hexagon: these marks are particularly useful during the insertion phase, in the event that an angled abutment has to be used. It will be sufficient indeed to simply complete the fastening of the implant, directing one of the marks towards the estimated angle for the abutment.
The reduced-size structural conformation allows the positioning of the implant even sub-crestally, without any mechanical interference.

The insertion driver can be used in various different ways, as required:

- use of insertion driver connected directly to the handpiece, exploiting the attachment provided to the rear of the driver
- use of the insertion driver connected directly to the manual key exploiting the hexagon provided in the central part of the driver
- use of the insertion driver connected directly to the manual key and subsequently connected to a reversible torque wrench.

For a correct use of the insertion driver, please comply with the following basic rules:

- ensure that the driver perfectly rests on the implant platform and fully couples the implant
- do not force beyond the maximum applicable force to the connection:
  50 Ncm – for the external hexagon driver (530HS010 - 530HS011)
  50 Ncm – for the internal hexagon driver (530HS008).



1 Insertion driver connected to handpiece
2 Insertion driver connected to manual driver
3 Insertion driver connected to reversible torque wrench through manual driver

The presence of a front guide pin with a pre-stressed steel spring attached yields two advantages: it guarantees stable retention of the implant and allows the insertion of drivers perfectly in axis with the implant (in the event of excessive slanting during extraction and insertion, it prevents the forces from unloading on a single point of the internal connection, avoiding accidental damages). The presence of a hexagon at the end of the guide pin allows the operator to direct the driver prior to o-ring implant contact. In this way, the removal from the phial is much simplified, and avoids any implant rotation.

Section of coupling between insertion driver and internal hexagon implant

Dimensional features

Red colour indicates support surface between implant and abutment

BT EVO DL INT						
IMPLANT DIAMETER	**NECK DIAMETER**	**PLATFORM DIMENSION**	**HEXAGON DIMENSION**	**THREAD DIMENSION**	**SUPPORT SURFACE**	**THEORETICAL CONTACT SURFACE** (implant lenght min. 8,5 mm max. 15 mm)
Ø 3,3	Ø 3,75	Ø 3,50	2,43	M 1,8	6,37 mm^2	Min 102,44 mm^2* – Max 148,61 mm^2
Ø 4,0	Ø 4,20	Ø 3,50	2,43	M 1,8	6,37 mm^2	Min 98,58 mm^2 – Max 176,48 mm^2
Ø 5,0	Ø 5,20	Ø 5,00	2,43	M 1,8	9,70 mm^2	Min 120,12 mm^2 – Max 218,95 mm^2

BT EVO DL SP INT						
IMPLANT DIAMETER	**NECK DIAMETER**	**PLATFORM DIMENSION**	**HEXAGON DIMENSION**	**THREAD DIMENSION**	**SUPPORT SURFACE**	**THEORETICAL CONTACT SURFACE** (implant lenght min. 8,5 mm max. 15 mm)
Ø 3,3	Ø 4,1	Ø 3,70	2,43	M 1,8	6,37 mm^2	Min 99,58 mm^2 – Max 148,77 mm^2
Ø 4,0	Ø 5,0	Ø 4,60	2,43	M 1,8	6,37 mm^2	Min 101,40 mm^2 – Max 179,30 mm^2
Ø 5,0	Ø 6,0	Ø 5,60	2,43	M 1,8	15,01 mm^2	Min 123,34 mm^2 – Max 222,19 mm^2

* Lenght of the smallest implant: L=10mm

Smooth neck height

The height of the smooth neck and therefore the untretated part is different according to the implant type. In BT EVO DL implant it's 0,7 mm high, while it's 1,5 mm in the SP version.

BT EVO DL INT

BT EVO DL INT SP

Implants morphology

BT EVO DL implant line originates from the collaboration of Biotec Research and Development Centre with long-lasting experienced professionals in the field of modern implantology.
Both BT EVO DL and BT EVO DL SP shape have been specifically designed to allow the acquisition of the highest primary stability and surgical versatility, without any trauma, exploiting the latest biological concepts of the 'switching platform', preserving at the same time the peculiar ease of use of cylindrical implants.
Its fields of application are:

1 immediate post-extraction
2 poor quality type 3-4 bone (Lekholm and Zarb classification)
3 use in lower molars with traditional prosthesis diameter
4 major maxillary sinus lifts with immediate or deferred implant
5 minor maxillary sinus lifts with Summers or Cosci technique
6 immediate load in total edentulism.

In aesthetic sectors, a careful preliminary evaluation of the quantity of bone and soft tissue must be carried out in relation to the area that has to be treated.

Let's examine all characteristics considering the most commonly used diameter, which is 4.0 mm:

- the implant head is 4.1 mm, or 5 mm in BT EVO DL SP version, with an external hexagon compatible with the prosthetic components of the traditional 4.1 mm implants. In BT EVO DL SP version, the use of the 4.1 diameter prosthetic components allows the application of the 'switching platform' concept and the displacement of the inflammatory infiltrate (present in all implant-abutment interface) towards the centre of the implant, thereby obtaining greater compliance with the biological extent and the consequent help in the preservation of the crestal bone;
- the implant plate is coloured in different colours using the anodising technique in order to facilitate recognition and relative use during the surgical phase and also in the use of prosthetic components;
- the flaring of the passage from the head to the implant body can be used, at the operator's discretion, to be positioned at the crestal or sub-crestal level, allowing for great primary stability, even in poor quality bone. This flaring, as it is mechanically smoothed pure titanium, enables the respect and maintenance of soft tissues in terms of biological range and hygiene even for future possible tissue contractions, as the minimal plaque retention of these surfaces has been demonstrated. The recommended positioning in non-aesthetic areas is with the flaring that minimally involves the cortical substance, while the implant head should be positioned below the residual bone crest in the event of immediate post-extractions (see "implant positioning" guide);
- the implant body has a 3° gradual coning (measured from the neck to the lower 1/3 of the implant) and a non-traumatic threading that grants self-tapping properties (for type 2 and 3 bone). At the same time, this coning determines an increasing stability without causing excessive bone compression, thereby granting the operator a greater margin of tolerance in the choice of the vertical positioning, as, in fact, the implant behaves much like a cylindrical screw. On the other hand, in the event of over-preparation, the implant tolerates unscrewing without losing its primary stability, which is a typical behaviour of implants with accentuated coning;
- the lower part of the implant body and the rounded hemispherical tip, with reduced diameter, enables an easy use in post-extractive areas, acting as a guide for insertion in eccentric preparations (palate roots of pre-molars, palate preparations of canines, etc.), thereby avoiding any 'mobility' and loss of bone during preparation. Furthermore, when used close to the sinus membrane, the non-traumatic tip avoids 'sharpening' of the membrane during the final positioning of the implant, also adding a uniform, perpendicular push in accordance with 'Pascal's law';
- the double etched surface increases the wettability and the angle of contact, significantly improving the connection with the fibrin reticulum and conferring the surface an osteo-conductive peculiarity (osteogenesis by contact).

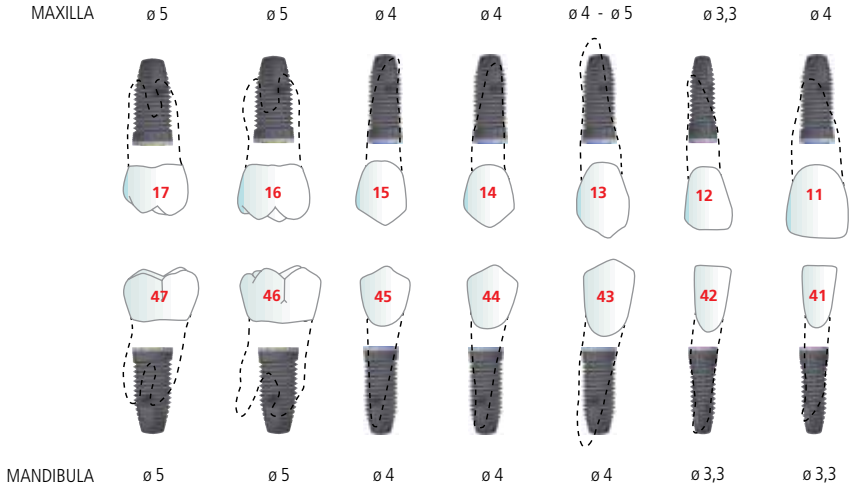
50X photo scanning of BT EVO DL SP implant profile

The flaring of the passage from the head to the body of the implant can be used, at the operator's discretion, to be positioned at a crestal or sub-crestal level, thereby enabling to obtain great primary stability even in poor quality bone.

SURGICAL PROCEDURE

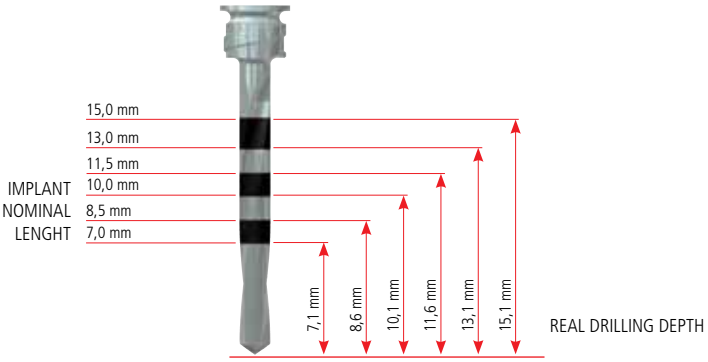
Implant planning

A correct and appropriate planning is necessary in order to remark implant dimensions and relative prosthetic part, or rather root-crown relationship.
The surgical planning reported sideways refers to an "ideal" implant protocol; it's indicative but also useful to the dentist in order to help him making all his evaluations.



Depth marks

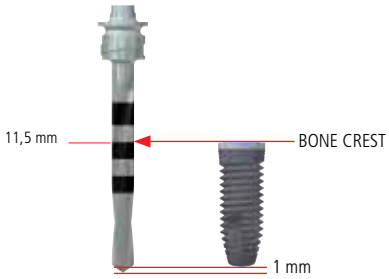
The depth mark of each lenght indicates crestal positioning for the corresponding implant lenght.
The drill tip has to be considered while preparing the osteotomy.



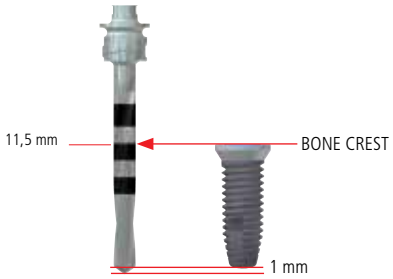
Implant positioning

CRESTAL POSITIONING

When BT EVO DL INT is inserted in crestal positioning, the platform of the implant should be positioned at the bone crest level.
To obtain the correct depth, drill up to the depth mark that refers to the implant lenght.



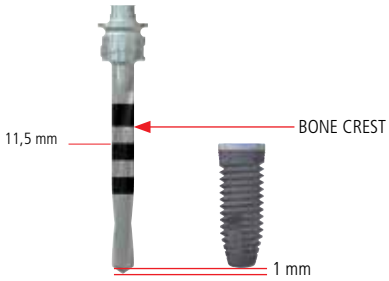
Implant L = 11,5 mm



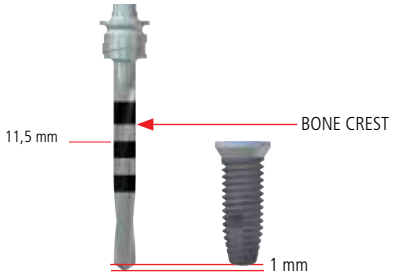
Implant L = 11,5 mm

SUB-CRESTAL POSITIONING

When BT EVO DL INT implant is inserted in sub-crestal positioning, the platform of the implant should be positioned under the bone crest level. This tecnique is used overall in the anterior region to achieve the best aesthetic result. To obtain the correct depth, drill up to the depth mark that refers to the subsequent implant lenght.



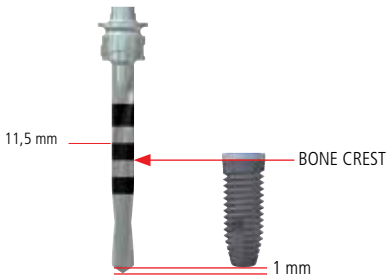
Implant L = 11,5 mm



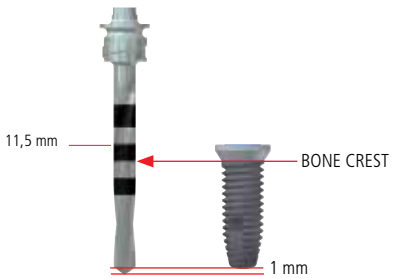
Implant L = 11,5 mm

SUPRA-CRESTAL POSITIONING

When BT EVO DL INT implant is inserted in supra-crestal positioning, the platform of the implant should be positioned above the bone crest level. To obtain the correct depth, drill up to the depth mark that refers to the previous implant lenght.



Implant L = 11,5 mm



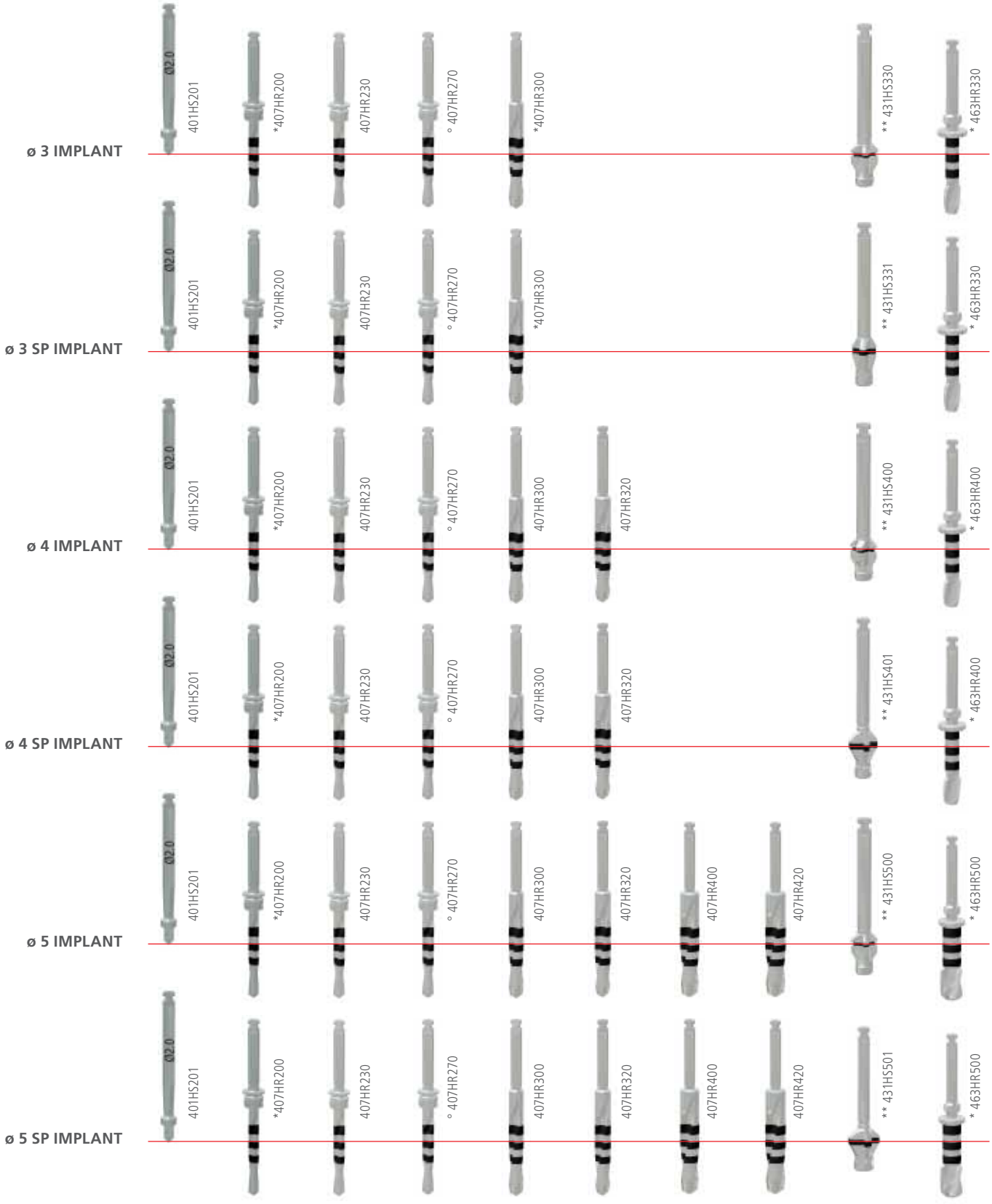
Implant L = 11,5 mm

Surgical procedure warnings

To assure the patient the lowest painful post-operation course, as well as the reduction or absence of associated swellings, a minimum susceptibility to infections and injury recovery without complications, the surgery must be performed in a short amount of time, in respect of all tissues. The following instructions must be observed during the preparation of the implant site: ensure sufficient cooling with pre-cooled physiological solution (5°C); check cutting instrument sharpness and always use them in ascending order (from the smallest diameter to the largest); observe the maximum number of rounds for each drill type; while drilling, combine a slight pressure with an alternating "up-down" movement every 1-2 seconds for a correct cooling action; during drilling procedure 0,6 mm overpreparation must be considered.

Surgical sequence

The below surgical sequence refers to a crestal positioning of an implant 11,5 mm long



* Use in case of compact bone (D1-D2)

** Use in case of hard cortical bone

° Optional

Surgical procedure

LANCE DRILL
After opening the gingival flap through incision and scraping, use the lance drill to create a space on the cortical bone, useful to the positioning of the pilot drill tip.
Recommended speed: 800 - 1000 rpm.

PILOT PRILL
Drill with the Ø2,0mm pilot drill up to the depth pointed out by the mark which refers to the implant positioning planned. An abundant external irrigation through pre-cooled physiological solution is suggested. Recommended speed: 800 - 1000 rpm.

DEPTH GAUGE
To check depth, position and angulation of the hole it is possible to use the depht gauge, inserting it in the implant site. Use the parallelism pins to verify position and angulation.

BT EVO DL DRILLS
Enlarge the implant site following the drill sequence indicated for each implant diameter. Respect the depth, referring to the marks reported on the drill. An abundant external irrigation through pre-cooled physiological solution is recommended.
Recommended speed:
drill Ø 2,7 --> 800 - 1000 rpm
drill Ø 3 --> 800 - 1000 rpm
drill Ø 3,25 --> 800 - 1000 rpm
drill Ø 4 --> 800 - 1000 rpm
drill Ø 4,25 --> 600 - 800 rpm

COUNTERBORE
If compact bone is present, prepare the cortical zone using the counterbore. In case of crestal positioning of the implant, the laser marking reported on the instrument indicates the correct depth. Recommended speed: 300 - 400 rpm.

TAPPING SCREW
To be used in case of compact bone D1 (cortical only in D2). Position the tip of the tapping screw in the site prepared and start to screw slowly (max 15 rpm) applying a little pressure. Once the thread is engaged, proceed for some turns without no more pressure, preferably with an alternate movement (one turn forward followed by half turn back and so on). When the correct depth, coincident to the relative mark of reference, has been reached, unscrew the tapping screw carefully.

IMPLANT TAKING
Take the implant from the packaging using correct mounting device. Insert it until it will be completely engaged to the implant.

IMPLANT INSERTION
Insert the implant slowly (max 15 rpm) taking care to engage the thread perfectly, if prepared before. During the insertion of the implant, do not exceed the maximum torque of 35 Ncm, in order not to damage the implant connection. If the implant doesn't reach the desired depth, do not force, remove it from the site and repeat the drilling and tapping operations verifying the depth. At the end of the insertion, extract the mounting device.

COVER SCREW INSERTION
Take the cover screw from the implant phial and screw it with the driver Hex. 1,2. Close the gingival edge and make a suitable suture.

Prosthetics for internal hexagon implants

HEALING SCREWS

MATERIAL Titanium grade 5 (Ti6Al4V)
SHAPE The shape of the healing screw fits that of the collar of the abutments for an optimal healing of the mucous membrane
USE It is positioned after implant osteointegration by making a little gingival incision
DRIVER Use driver Hex. 1,20
TORQUE The use of a torque wrench at a torque value of 15-20 Ncm is recommended

	IR	IM	IW
H = 2 mm	201IR2A0 (Flare 4,5)	201IM2A0 (Flare 5)	201IW2A0 (Flare 6)
H = 3 mm	201IR3A0 (Flare 4,5)	201IM3A0 (Flare 5)	201IW3A0 (Flare 6)
H = 4 mm	201IR4A0 (Flare 4,5)	201IM4A0 (Flare 5)	201IW4A0 (Flare 6)
	201IR4A1 (Flare 5,5)		
	202IR4A0* (Flare 4,7)		
	202IR4A1** (Flare 5,6)		
H = 5 mm	201IR5A0 (Flare 4,5)	201IM5A0 (Flare 5)	201IW5A0 (Flare 6)

* only available for BT EVO DL INT Ø 3,3 SP implants ** only available for BT EVO DL EXT Ø 4,0 SP implants

LABORATORY PROCEDURES

Cap transfer

MATERIAL Titanium grade 5 (Ti6Al4V). Aluminium cap
USE Used to take the impression by re-positioning technique. It is connected to the implant with the inserted screw inside the transfer (retentive cap included)
DRIVER Use driver Hex. 1,20
TORQUE The use of a torque wrench at a torque value of 20-25 Ncm is recommended
NOTE Transfer screw and retentive cap included

IR	IM	IW
320IR0A1	320IM0A0	320IW0A1

Pick up transfer

MATERIAL Titanium grade 5 (Ti6Al4V)
USE Used to take the impression with individual open tray (pick-up technique). It is connected to the implant through the transfer screw
DRIVER Use driver Hex. 1,20
TORQUE The use of a torque wrench at a torque value of 20-25 Ncm is recommended
NOTE Transfer screw included

	IR	IM	IW
rotating	319IR0R0		319IW0R0
	321IR0R0*		
	321IR0R1**		
not rotating	319IR0A0	319IM0A0	319IW0A1
	321IR0A0*		
	321IR0A1**		

* only available for BT EVO DL INT Ø 3,3 SP implants ** only available for BT EVO DL INT Ø 4,0 SP

Replicas

MATERIAL Titanium grade 5 (Ti6Al4V)

USE Used to reproduce in the chalk model the position and the inclination of the implant inserted in the patient's mouth

IR	IM	IW
301IR0A1	301IM0A0	301IW0A1
302IR0A0*		
302IR0A1**		

* only available for BT EVO DL INT Ø 3,3 SP implants

** only available for BT EVO DL INT Ø 4,0 SP

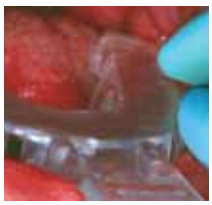
IMPRESSION TAKING WITH REPOSITIONING TECHNIQUE (DIRECT)

This technique implies the use of transfers with cap and closed tray.

After removing the healing screw, connect the transfer to the implant making sure that they properly couple. After wetting the cap with the adhesive impression material and after its perfect drying, insert the cap over the transfer.

Cover the tray with adhesive, position the material, take the impression and let it solidify for the required amount of time, as indicated by the manufacturer.
Delicately remove the tray with the cap inserted, trying to remove it vertically. Unscrew the transfer from the implant and send everything to the laboratory.

Alternatively, the transfer can be screwed on the implant replica, reinserting it in the impression and fastening it to the cap.
To facilitate this last step, make sure that the faceting of the transfer is in line with the faceting left by the transfer on the impression.



IMPRESSION TAKING WITH PICK-UP TECHNIQUE (INDIRECT)

This technique implies the use of transfers with through screws (short or long).

For this precision impression, a single open tray, previously constructed by a laboratory on the impression (e.g., in alginate) with inserted healing screws, must be used.
After removing the healing screw, connect the impression transfer according to the implant used and fix it to the through screw. Make sure that the transfer is correctly inserted, for example, taking an endoral x-ray.
For impressions on several implants, the transfer splintering technique can be used, connecting them with a metallic wire (e.g., orthodontic wire) that passes as a bridge between the transfers, forming a support "frame" for the resin. When the frame is complete, spread resin between one transfer and the next, thus building a "reinforcement".

Try the open tray, ensuring that the heads of the transfer and their screws protrude from the tray slots. Close the hole with soft wax and spread an even layer of adhesive on the tray, letting it completely dry. After that, fill the tray with impression material, insert it in the mouth and let it set as per manufacturer's instructions.
To reduce the risks of bubbles formation, apply the same material from a nozzle syringe around the transfers to fill any sub-gaps.

Once the material has hardened, unscrew the transfer screws and remove the tray with the englobed transfers. Replace the healing screws (cleaned and disinfected).
Send everything to the laboratory enclosing corresponding implant replica or, alternatively, reinserting the through screws in the transfers inserted in the tray and screw the correspondent implant replica, making sure that the transfers won't be subject to any rotation.

PROSTHESIS

Straight abutments

MATERIAL Titanium grade 5 (Ti6Al4V)

USE Prosthetic structure to be used to support single crowns and bridgeworks.
The maximum inclination usable is 10°; over this angulation we suggest to use angled or plastic abutments. They are connected to implants through retentive titanium screw

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

NOTE Titanium retentive screw included

	IR	IM	IW
without shoulder	220IR0A0	220IM0A0	220IW0A0
H = 2 mm	220IR2A1	220IM2A0	220IW2A0
H = 3 mm	220IR3A0	220IM3A0	220IW3A0
H = 4 mm	220IR4A0		220IW4A0
	221IR4A0*		
	221IR4A1**		
H = 5 mm	220IR5A0	220IM5A0	220IW5A0

* Only available for BT EVO DL Ø 3,3 SP implants

** only available for BT EVO DL EXT Ø 4,0 SP implants

Angled abutments

MATERIAL Titanium grade 5 (Ti6Al4V)

USE Pre-angled prosthetic structure to be used to support single crowns and bridgeworks. The inclinations of 15° or 25° correspond to a face of the hexagon. The external connection allows 12 different possibilities of positioning. They are connected to implants through retentive titanium screw

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

NOTE Titanium retentive screw included

		IR	IM	IW
α = 15°	H = 2 mm	220IR2D0	220IM2D0	220IW2D0
	H = 4 mm	220IR4D0		
α = 25°	H = 2 mm	220IR2F0	220IM2F0	
	H = 4 mm	220IR4F0		

Temporary abutments

MATERIAL	Titanium grade 5 (Ti6Al4V)
USE	For guided tissue healing with a temporary restoration
DRIVER	To screw the retentive screw use driver Hex. 1,20
TORQUE	The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm
NOTE	Titanium retentive screw included. Only available for IR prosthetic platform

	IR
rotating	210IR2A1
not rotating	210IR2A0

Aesthetic abutments

MATERIAL	Titanium grade 5 (Ti6Al4V)
USE	Prosthetic structure to be used to support single crowns or bridgeworks. Designed to optimize the emergency profile and improve the aesthetic result. It is connected to the implant through a retentive titanium screw (included in the packing). Provided with a threaded hole for the lingual screw (not included)
DRIVER	To screw the retentive screw use driver Hex. 1,20
TORQUE	The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm
NOTE	Titanium retentive screw included

IR	IM	IW
219IR0A0	219IM0A0	219IW0A0

Lingual screw

MATERIAL	Titanium grade 5 (Ti6Al4V)
USE	It is used to fix the prosthesis to the aesthetic abutments. Thread: M 1,4
DRIVER	Use driver Hex. 0,9
TORQUE	The use of a torque wrench at a torque value of 15 Ncm is recommended
NOTE	Universal lingual screw for esthetic abutments. Available for IR, IM and IW prosthetic platforms

IR	IM	IW
	VLE14TIT	

NEW! Friction-Fit straight abutments

MATERIAL Titanium grade 5 (Ti6Al4V)

USE Prosthetic structure to be used to support single crowns and bridgeworks. The maximum inclination usable is 10°; over this angulation we suggest to use angled or plastic abutments. They are connected to implants through retentive titanium screw. The slight conicity of the connection enables the removal of the micromotions between implant and abutment, erasing therefore any possibility of relaxion of the retentive screw

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

NOTE Titanium retentive screw included.
To remove the abutment from the implant after the definitive screw closure it is necessary to use the appropriate extraction device.

IR	IM	IW
223IR0A0	223IM0A0	223IW0A0

NEW! Friction-Fit angled abutments

MATERIAL Titanium grade 5 (Ti6Al4V)

USE Pre-angled prosthetic structure to be used to support single crowns and bridgeworks. The inclinations of 15° or 25° correspond to a face of the hexagon. The external connection allows 12 different possibilities of positioning. They are connected to implants through retentive titanium screw. The slight conicity of the connection enables the removal of the micromotions between implant and abutment, erasing therefore any possibility of relaxion of the retentive screw

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

NOTE Titanium retentive screw included.
To remove the abutment from the implant after the definitive screw closure it is necessary to use the appropriate extraction device.

	IR	IM	IW
$\alpha = 15°$	223IR0D0	223IM0D0	223IW0D0
$\alpha = 25°$	223IR0F0	223IM0F0	223IW0F0

NEW! Extraction device

MATERIAL Tempered stainless steel

UTILIZZO It enables the removal of the friction-fit abutment from the implant after its definitive closure. It can be used manually or by connection to the reversible torque wrench.

Instructions for use:

1. Remove the abutment retention screw by using the driver hex. 1,20;
2. Screw the extraction device in the internal threading of the friction-fit abutment;
3. When the extraction device has completely been screwed, it will apply a traction force which consequently prevents the abutment from creating friction on the internal sides of the implant, enabling therefore its removal.

IR	IM	IW
	530JD017	

LABORATORY PROSTHETICS

Gold bases

MATERIAL PMMA with gold base (pd-base alloy)

USE Used to create customized prosthetic works by overfusion. The gold base allows an excellent finishing and guarantees the maximum precision of the implant-prosthetic connection; the castable part permits wide working possibilities to obtain the overfusion. They connect to implants through retentive titanium screw (included in the packing)

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

NOTE Titanium retentive screw included

	IR	IM	IW
rotating	245IR1R0	245IM1R0	245IW1R0
not rotating	245IR1A0	245IM1A0	245IW1A0

Plastic abutments

MATERIAL PMMA

USE Used to create customized prosthetic works by fusion. Made of a specific plastic easily workable, that keeps few residues after fusion. They are connected to the implants through retentive titanium screw (included in the packing)

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

NOTE Titanium retentive screw included

	IR	IM	IW
rotating	205IR1A1	205IM1R0	205IW1R0
	205IR1A1.10***	205IM1R0.10***	205IW1R0.10***
	206IR1R0*		
	206IR1R1**		
not rotating	205IR1A0	205IM1A0	205IW1A0
	205IR1A0.10***	205IM1A0.10***	205IW1A0.10***
	206IR1A0*		
	206IR1A1**		

* only available for BT EVO DL INT Ø 3,3 SP implants
** only available for BT EVO DL INT Ø 4,0 SP implants
*** 10 pieces pack

Titanium base for zirconia

MATERIAL Titanium grade 5 (Ti6Al4V)

USE To be used as base for cementation of zirconium-made frameworks made through CAD-CAM technique

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

NOTE Titanium retentive screw included. Only available for IR prosthetic platform

	IR
rotating	236IR0A1
not rotating	236IR0A0

Titanium base for zirconia with plastic abutments

MATERIAL Titanium grade 5 (Ti6Al4V) and PMMA

USE To be used as base for cementation of zirconium-made frameworks made by manual milling systems. The plastic abutment allows the wax-up modeling for the zirconium-made framework

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

NOTE Titanium retentive screw included. Only available for IR prosthetic platform

	IR
rotating	237IR0A1
not rotating	237IR0A0

Millable abutment

MATERIAL Titanium grade 2

USE The solution to implants disparallelism issues when the angle between implant axis and abutment is not resolvable with preformed abutments. Can be customized by the dental technician in its height, shape, angulation and emergence

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

NOTE Titanium retentive screw included. Only available for IR prosthetic platform

IR
230IR0A0

OVERDENTURE PROSTHETICS

Ball attachment - Straight abutments

CE 0434

MATERIAL Titanium coated with TiN

USE Systems for parallel solutions. The Sphero Flex attachments with removable sphere are suitable in disparallelism situations which are not superior to 7,5°. Each packaging includes: n° 1 ball attachment, n° 2 soft retentive caps, n° 3 directional rings (0°, 7° e 14°) and one protective disc

DRIVER Use the digital driver for Sphero Block / Flex

		IR	IM	IW
SPHERO BLOCK NORMO SPHERE Ø 2,5	H = 1 mm	002SEI3251R	002SEI4251R	002SEI51R
	H = 2 mm	002SEI3252R	002SEI4252R	002SEI52R
	H = 3 mm	002SEI3253R	002SEI4253R	002SEI53R
	H = 4 mm	002SEI3254R	002SEI4254R	002SEI54R
	H = 5 mm	002SEI3255R	002SEI4255R	002SEI55R
	H = 6 mm	002SEI3256R	002SEI4256R	002SEI56R
SPHERO BLOCK MICRO SPHERE Ø 1,8	H = 1 mm	003SEI3251R	003SEI4251R	003SEI51R
	H = 2 mm	003SEI3252R	003SEI4252R	003SEI52R
	H = 3 mm	003SEI3253R	003SEI4253R	003SEI53R
	H = 4 mm	003SEI3254R	003SEI4254R	003SEI54R
	H = 5 mm	003SEI3255R	003SEI4255R	003SEI55R
	H = 6 mm	003SEI3256R	003SEI4256R	003SEI56R
SPHERO FLEX SELF-PARALLELIZING SPHERE Ø 2,5	H = 1 mm	109SEI3251R	109SEI4251R	109SEI51R
	H = 2 mm	109SEI3252R	109SEI4252R	109SEI52R
	H = 3 mm	109SEI3253R	109SEI4253R	109SEI53R
	H = 4 mm	109SEI3254R	109SEI4254R	109SEI54R
	H = 5 mm	109SEI3255R	109SEI4255R	109SEI55R
	H = 6 mm	109SEI3256R	109SEI4256R	109SEI56R

Manual Wrench

MATERIAL Stainless steel

USE Used to screw Sphero Block and Sphero Flex ball attachments

NOTE Useful for all BTK prosthetic platforms

IR	IM	IW
	771CEF	

Locator - Straight abutments

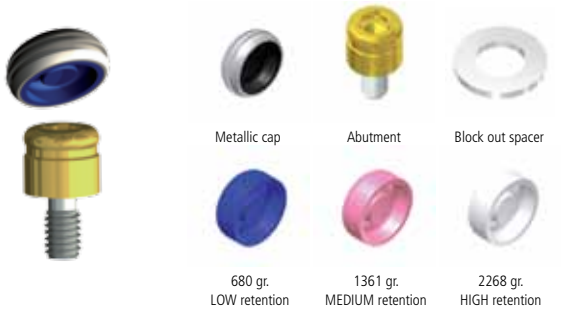
Locator abutment are produced and brewed by
Zest Anchors, Inc., 2061 Wineridge Place, Escondido, CA 92029, USA.
Locator is a registered trademark of Zest Anchors, Inc., San Diego, USA.

MATERIAL Titanium coated with TiN

USE The ultimate solution to the anchorage of overdenture. Its innovative self-aligned design allows the immediate and eased connection between abutment and cap. Its main feature is a reduced vertical height.

DRIVER Use the golden part of Locator "Core Tool"

NOTE Each packaging includes: n° 1 Locator abutment, n° 3 reduced angle retentive caps, n° 1 metallic cap and one teflon block out spacer. Only available for ER and EW prosthetic platforms.



Retentive caps packaging, o correct reduced angle (20°)

	IR	IM
H = 0 mm	260IR0A0	260IM0A0
H = 1 mm	260IR1A0	260IM1A0
H = 2 mm	260IR2A0	260IM2A0
H = 3 mm	260IR3A0	260IM3A0
H = 4 mm	260IR4A0	260IM4A0
H = 5 mm	260IR5A0	260IM5A0
H = 6 mm	260IR6A0	260IM6A0

Spare kit

METALLIC CAP KIT + BLOCK OUT SPACER + RETENTIVE CAPS
Made up of metallic cap, teflon block out spacer, three reduced angle retentive caps

Cod. 690NA011

METALLIC CAP KIT + BLOCK OUT SPACER
The metallic cap allows the connection between abutment and prosthesis, the black retentive cap is for temporary use and has to be replaced with the colored cap of the proper retention

Cod. 690NA022

REDUCED ANGLE RETENTIVE CAPS KIT (20°)
Made up of four retentive caps of the same brand

Cod. 690NA006.04 | 680 gr. | LOW retention

Cod. 690NA008.04 | 1361 gr. | MEDIUM retention

Cod. 690NA010.04 | 2268 gr. | HIGH retention

WIDE ANGLE RETENTIVE CAPS KIT (40°)
Made up of four retentive caps of the same brand

Cod. 690NA005.04 | 226-680 gr. | LOW retention

Cod. 690NA007.04 | 907 gr. | MEDIUM retention

Cod. 690NA009.04 | 1361-1814 gr. | HIGH retention

TEMPORARY RETENTIVE CAPS KIT
NEW!

Includes 4 caps of the same brand, to be used as spare parts for transfers

Cod. 690NA054.04

CAP FOR RETENTIVE WRENCH
NEW!

Component to be inserted on the golden part of the locator core tool. It allows to hold the locator abutment to the insertor, helping the abutment placement on the patient's oral cavity. Resistant to up to 5 sterilization cycles. Individually packed.

Cod. 690NA020

Accessories

"3 IN 1" CORE TOOL
System accessory which allows the placement and displacement of the components

Cod. 502MA004

DIRECT TRANSFER
It is used to take the impression

Cod. 321NA0A0

REPLICA
It duplicates the position of the implant in the plaster model

Cod. 301NA0A0

BT-4

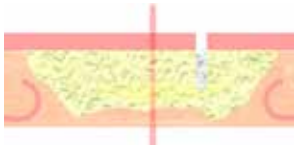
Surgical protocols of implants insertion have progressively become more predictable, therefore patients' aesthetic and functional expectations are increasingly growing. The demand is currently oriented towards total and fixed prosthesis, which can possibly be placed immediately after the surgical phase. Biotec's reply to this request is BT-4, the treatment protocol which allows the placement of a fixed prosthesis avoiding the increase of bone thickness, without the need of numerous surgeries.

SURGICAL INDICATIONS

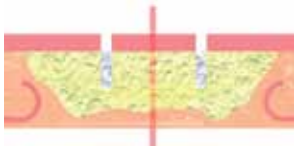
In edentulous patients, the physiological reabsorption of the bone doesn't always allow the necessary vertical shaping that enables the placement of implants in the posterior site, in order to ensure a suitable prosthetic statics.
The intraforaminal region of the mandibular bone and the region sited between the maxillary sinus are the only areas in which the placement of implants is allowed. In these areas, the treatment protocol implies the insertion of two straight implants in proximal position and two angled implants in distal position.
17° and 30° angled implants are able to position the last abutment in order to reduce the cantilever with a biomechanically more suitable location to realize fixed prosthesis avoiding breakage risks.
The proper placement of these implants is favoured by a steel surgical guide which allows to determine the right distance between the implants and to give indications concerning the angle of placement.

SURGICAL GUIDELINES

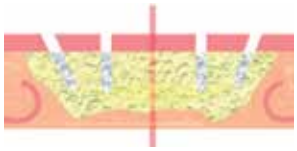
The existing guidelines refer to the placement of 2 straight implants and 2 angled implants.



Make a medial osteotomy using a Ø2mm drill after the draining of the oral cavity and the detachment of the flap. Insert the surgical guide in the osteotomy and shape it as it tracks the opposite arch of the occlusal line.



Following the regular surgical procedure, insert the two proximal straight implants, considering the positions of the mandibular nerve, the maxillary sinus and the two implants to be placed afterwards. The lines on the surgical guide, as well as the guide inclination itself, will help in giving instructions. Implant insertion torque must be lower than 35 Ncm in order to not damage implant connection.



Place the two angled implants 17° or 30° distally to the straight implants, according to the regular surgical protocol. The angled implants have to emerge in correspondence with the second premolar tooth. Pay attention to the mandibular nerve and to the maxillary sinus. The diagonals of the surgical guide can be helpful to calculate the angulation.
Implant insertion torque must be lower than 35 Ncm in order to not damage implant connection.

Screw all straight and angled abutments on the implants just placed.
If the surgical procedure has been accurately performed, the retentive titanium screw will occur in occlusal or lingual position, to allow a satisfactory aesthetic result. At this point the prosthetic procedures such as impression taking or the existing prosthesis adaptation can be started.

BT-4 protocol enables to realize a fixed prosthesis with predictable and economically convenient outcomes: exploiting the pre-existent bone, several complex surgeries can be avoided, with consequent decrease of treatment duration and quantity of sessions.
There are a lot of studies in Literature which show how rehabilitation chances from edentulism through the placement of 4-6 immediate or fast loaded implants represent a predictable protocol which is applicable to several patients and based on equal starting conditions.

Straight Abutments

MATERIAL Titanium grade 5 (Ti6Al4V)
USE Prosthetic structure to be used to support titanium prosthetic cylinders. It has to be engaged to the implant by using the retentive titanium screw
DRIVER A reduced hexagon driver 1.2 (Code 530JD015) is required to allow the definitive closing.
TORQUE A 25 Ncm torque value is recommended.
NOTE Titanium retentive screw included. Provided with a preassembled plastic carrier that enables the transit of the dispositive towards the oral cavity, in order to allow the first turns of the screw. Only available for IR prosthetic platform.

	IR
H = 2 mm	265IR2A0
H = 3 mm	265IR3A0

Angled Abutments

MATERIAL Titanium grade 5 (Ti6Al4V)
USE Prosthetic structure to be used to support titanium prosthetic cylinders. It has to be engaged to the implant by using the retentive titanium screw
DRIVER A tapered-shank reduced hexagon driver 1.2 (Code 530JD014) is required to allow the definitive closing
TORQUE A 25 Ncm torque value is recommended
NOTE Titanium retentive screw included. A reusable surgical-steel carrier is available to allow the transit of the dispositive towards the oral cavity, and to enable the subsequent tightening of the screw in the implant. Only available for IR prosthetic platform.

	IR
α = 17° H = 3 mm	266IR3L0
α = 30° H = 3 mm	266IR3G0

Titanium prosthetic cylinder

MATERIAL	Titanium grade 5 (Ti6Al4V)
USE	To be screwed on straight or angled abutments. It represents the connection structure with the prosthesis. It is properly drilled, fitted in the lab and incorporated in the prosthesis
DRIVER	A tapered-shank reduced hexagon driver 1.2 (code 530JD014) is required to allow the definitive closing
TORQUE	A 10 Ncm torque value is suggested
NOTE	Titanium retentive screw included. Only available for IR prosthetic platform

IR

267NA0A0

Prosthetic plastic abutment

MATERIAL	PMMA
USE	Plastic cylinder used to realize melting superstructures
DRIVER	A tapered-shank reduced hexagon driver 1.2 (Code 530JD014) is required to allow the definitive closing
TORQUE	A 10 Ncm torque value is suggested
NOTE	Titanium retentive screw included. Only available for IR prosthetic platform

IR

207NA0A0

Transfer

MATERIAL	Titanium grade 5 (Ti6Al4V)
USE	It is used to take the impression on straight or angled abutments with open tray. Provided with retentive titanium screw.
DRIVER	A tapered-shank reduced hexagon driver 1.2 (Code 530JD014) is required to allow the definitive closing.
TORQUE	It's recommended to use the torque wrench by applying a force of 20-25 Ncm.
NOTE	Transfer screw included. Only available for IR prosthetic platform.

IR

311NA0A0

Replica

MATERIAL	Titanium grade 5 (Ti6Al4V)
USE	It reproduces BT-4 straight or angled abutment in the plaster model
NOTE	Only available for IR prosthetic platform

IR

303NA0A0

Cover caps kit

MATERIAL	Titanium grade 5 (Ti6Al4V)
USE	Temporary components, helpful to cover BT-4 abutments during the production of temporary prosthesis in order to avoid contamination
DRIVER	A tapered-shank reduced hexagon driver 1.2 (Code 530JD014) is required to allow the definitive closing
TORQUE	A 10 Ncm torque value is suggested
NOTE	The package includes 4 titanium caps. Titanium retentive screws included. Only available for IR prosthetic platform

IR

330NA0A0.04

SUMMARY

		IMPLANT PLATFORM	IR					
		IMPLANT DIAMETER	3.25	3.3	3.3 SP	3.75	4	4 SP
		HEALING SCREWS	201IR2A0 (Flare 4,5 H=2 mm) 201IR3A0 (Flare 4,5 H=3 mm) 201IR4A0 (Flare 4,5 H=4 mm) 201IR5A0 (Flare 4,5 H=5 mm) 201IR4A1 (Flare 5,5 H=4 mm) 202IR4A0 (Flare 4,7 H=4 mm) SP 202IR4A1 (Flare 5,6 H=4 mm) SP					
		CAP TRANSFER	320IR0A1 ◊					
		PICK-UP TRANSFER	319IR0A0 (Not rotating) * 319IR0R0 (Rotating) * 321IR0A0 (Not rotating) * SP 321IR0R0 (Rotating) * SP 321IR0A1 (Not rotating) * SP 321IR0R1 (Rotating) * SP					
		REPLICAS	301IR0A1 302IR0A0 SP 302IR0A1 SP					
		STRAIGHT ABUTMENTS	220IR0A0 (Neckless) • 220IR2A1 (H=2 mm) • 220IR3A0 (H=3 mm) • 220IR4A0 (H=4 mm) • 220IR5A0 (H=5 mm) • 221IR4A0 (H=4 mm) • SP 221IR4A1 (H=4 mm) • SP					
		ANGLED ABUTMENTS	220IR2D0 (15° H=2 mm) • 220IR2F0 (25° H=2 mm) • 220IR4D0 (15° H=4 mm) • 220IR4F0 (25° H=4 mm) •					
		TEMPORARY ABUTMENTS	210IR2A0 (Not rotating) • 210IR2A1 (Rotating) •					
		AESTHETIC ABUTMENTS	219IR0A0 •					
		FRICTION-FIT STRAIGHT ABUTMENTS	223IR0A0 •					
		FRICTION-FIT ANGLED ABUTMENTS	223IR0D0 (15°) • 223IR0F0 (25°) •					
		EXTRACTION DEVICE						
		GOLD BASES	245IR1A0 (Not rotating) • 245IR1R0 (Rotating) •					
		PLASTIC ABUTMENTS	205IR1A0 (Not rotating) • 205IR1A1 (Rotating) • 205IR1A0.10 (Not rotating - 10 pieces) • 205IR1A1.10 (Rotating - 10 pieces) • 206IR1A0 (Not rotating) • SP 206IR1R0 (Rotating) • SP 206IR1A1 (Not rotating) • SP 206IR1R1 (Rotating) • SP					
		TITANIUM BASES FOR ZIRCONIA	236IR0A0 (Not rotating) • 236IR0A1 (Rotating) •					
		TITANIUM BASES FOR ZIRCONIA WITH PLASTIC ABU TMENTS	237IR0A0 (Not rotating) • 237IR0A1 (Rotating) •					
		MILLABLE ABUTMENT	230IR0A0 •					
BALL ATTACHMENT		STRAIGHT ABUTMENTS	SPHERO BLOCK NORMO SPHERE Ø 2,5	002SEI3251R (H=1 mm) 002SEI3252R (H=2 mm) 002SEI3253R (H=3 mm)	002SEI3254R (H=4 mm) 002SEI3255R (H=5 mm) 002SEI3256R (H=6 mm)			
			SPHERO BLOCK MICRO SPHERE Ø 1,8	003SEI3251R (H=1 mm) 003SEI3252R (H=2 mm) 003SEI3253R (H=3 mm)	003SEI3254R (H=4 mm) 003SEI3255R (H=5 mm) 003SEI3256R (H=6 mm)			
			SPHERO FLEX SPHERE Ø 2,5	109SEI3251R (H=1 mm) 109SEI3252R (H=2 mm) 109SEI3253R (H=3 mm)	109SEI3254R (H=4 mm) 109SEI3255R (H=5 mm) 109SEI3256R (H=6 mm)			
		MANUAL WRENCH						
LOCATOR		STRAIGHT ABUTMENTS	260IR0A0 (H=0 mm) 260IR1A0 (H=1 mm) 260IR2A0 (H=2 mm) 260IR3A0 (H=3 mm) 260IR4A0 (H=4 mm) 260IR5A0 (H=5 mm) 260IR6A0 (H=6 mm)					
		METALLIC CAP KIT + BLOCK OUT SPACER + RETENTIVE CAPS					690NA011	
		METALLIC CAP KIT + BLOCK OUT SPACER					690NA022	
		REDUCED ANGLE RETENTIVE CAPS KIT (20°)	690NA006.04 (680 gr. | LOW retention)				690NA008.04 (1361 gr. | MEDIUM retention)	
		WIDE ANGLE RETENTIVE CAPS KIT (40°)	690NA005.04 (226-680 gr. | LOW retention)				690NA007.04 (907 gr. | MEDIUM retention)	
		TEMPORARY RETENTIVE CAPS KIT					690NA054.04	
		CAP FOR RETENTIVE WRENCH					690NA020	
		"3 IN 1" CORE TOOL					502MA004	
		DIRECT TRANSFER					321NA0A0	
		REPLICA					301NA0A0	

* Transfer screw included • Titanium retentive screw included ◊ Transfer screw and retentive cap included

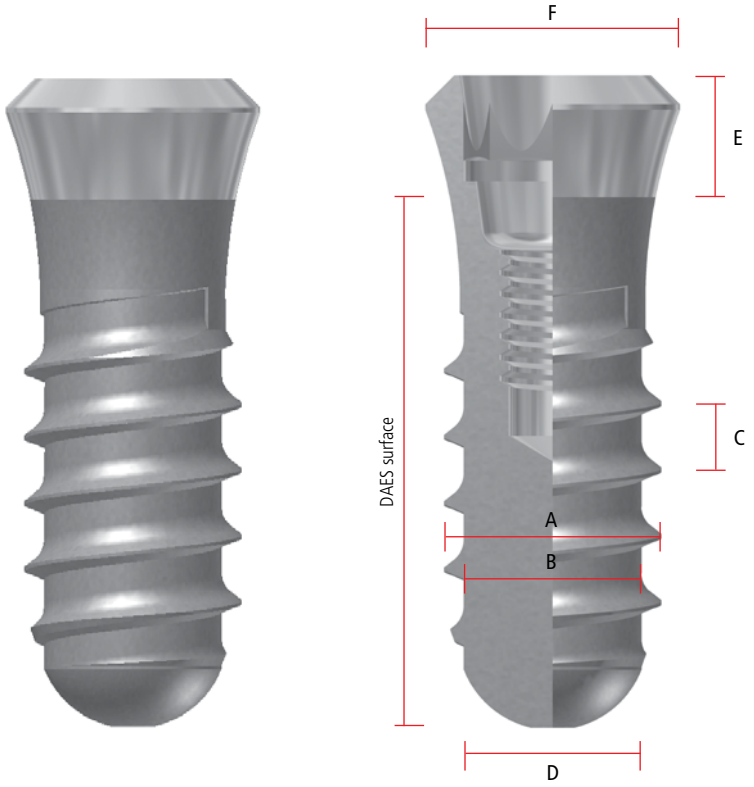
IM	IW	
4.25	5	5 SP
201IM2A0 (Flare 5,0 H=2 mm) 201IM3A0 (Flare 5,0 H=3 mm) 201IM4A0 (Flare 5,0 H=4 mm) 201IM5A0 (Flare 5,0 H=5 mm)	201IW2A0 (Flare 6,0 H=2 mm) 201IW3A0 (Flare 6,0 H=3 mm) 201IW4A0 (Flare 6,0 H=4 mm) 201IW5A0 (Flare 6,0 H=5 mm)	
320IM0A0 ◊	320IW0A1 ◊	
319IM0A0 (Not rotating) *	319IW0A1 (Not rotating) *	319IW0R0 (Rotating) *
301IM0A0	301IW0A1	
220IM0A0 (Neckless) • 220IM2A0 (H=2 mm) • 220IM3A0 (H=3 mm) • 220IM5A0 (H=5 mm) •	220IW0A0 (Neckless) • 220IW2A0 (H=2 mm) • 220IW3A0 (H=3 mm) • 220IW4A0 (H=4 mm) • 220IW5A0 (H=5 mm) •	
220IM2D0 (15° H=2 mm) • 220IM2F0 (25° H=2 mm) •	220IW2D0 (15° H=2 mm) •	
219IM0A0 •	219IW0A0 •	
223IM0A0 •	223IW0A0 •	
223IM0D0 (15°) • 223IM0F0 (25°) •	223IW0D0 (15°) • 223IW0F0 (25°) •	
530JD017		
245IM1A0 (Not rotating) • 245IM1R0 (Rotating) •	245IW1A0 (Not rotating) • 245IW1R0 (Rotating) •	
205IM1A0 (Not rotating) • 205IM1R0 (Rotating) • 205IM1A0.10 (Not rotating - 10 pieces) • 205IM1R0.10 (Rotating - 10 pieces) •	205IW1A0 (Not rotating) • 205IW1R0 (Rotating) • 205IW1A0.10 (Not rotating - 10 pieces) • 205IW1R0.10 (Rotating - 10 pieces) •	
SPHERO BLOCK NORMO SPHERE Ø 2,5: 002SEI4251R (H=1 mm) 002SEI4252R (H=2 mm) 002SEI4253R (H=3 mm) 002SEI4254R (H=4 mm) 002SEI4255R (H=5 mm) 002SEI4256R (H=6 mm)	SPHERO BLOCK NORMO SPHERE Ø 2,5: 002SEI51R (H=1 mm) 002SEI52R (H=2 mm) 002SEI53R (H=3 mm) 002SEI54R (H=4 mm) 002SEI55R (H=5 mm) 002SEI56R (H=6 mm)	
SPHERO BLOCK MICRO SPHERE Ø 1,8: 003SEI4251R (H=1 mm) 003SEI4252R (H=2 mm) 003SEI4253R (H=3 mm) 003SEI4254R (H=4 mm) 003SEI4255R (H=5 mm) 003SEI4256R (H=6 mm)	SPHERO BLOCK MICRO SPHERE Ø 1,8: 003SEI51R (H=1 mm) 003SEI52R (H=2 mm) 003SEI53R (H=3 mm) 003SEI54R (H=4 mm) 003SEI55R (H=5 mm) 003SEI56R (H=6 mm)	
SPHERO FLEX SPHERE Ø 2,5: 109SEI4251R (H=1 mm) 109SEI4252R (H=2 mm) 109SEI4253R (H=3 mm) 109SEI4254R (H=4 mm) 109SEI4255R (H=5 mm) 109SEI4256R (H=6 mm)	SPHERO FLEX SPHERE Ø 2,5: 109SEI51R (H=1 mm) 109SEI52R (H=2 mm) 109SEI53R (H=3 mm) 109SEI54R (H=4 mm) 109SEI55R (H=5 mm) 109SEI56R (H=6 mm)	
771CEF		
260IM0A0 (H=0 mm) 260IM1A0 (H=1 mm) 260IM2A0 (H= 2 mm) 260IM3A0 (H= 3 mm) 260IM4A0 (H= 4 mm) 260IM5A0 (H= 5 mm) 260IM6A0 (H= 6 mm)		
690NA010.04 (2268 gr. | HIGH retention)		
690NA009.04 (1361-1814 gr. | HIGH retention)		

[SP] Only available for SP implants

octagonal morse-taper connection implants

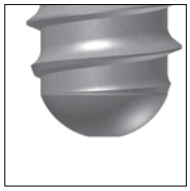
8NECK INT

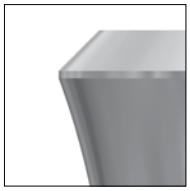
Cylindrical implant with octagonal morse-taper connection

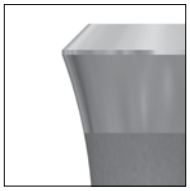


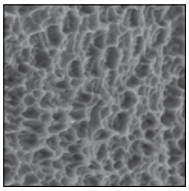

Octagonal morse-taper connection


Cylindrical body


Not cutting apex


45° shoulder


Smooth neck


DAES surface

A	B	C	D	E	F	
IMPLANT DIAMETER	IMPLANT BODY DIAMETER	THREAD PITCH	TIP DIAMETER	SMOOTH NECK	PLATFORM	THREADING
3,3	2,8	1	2,75	1,8	4,8	M 2,0
4,1	3,3	1,25	3,35	1,8	4,8	M 2,0
4,8	4,1	1,25	4,1	1,8	4,8	M 2,0

All measurements are in millimeters

8 NECK INT ADVANTAGES ARE

- Smooth neck, the best for monofasic surgery
- Round and non-cutting apex
- Cylindrical body
- Unified prosthetics; the same abutment fits all 8 NECK diameters
- All prosthetics devices are laser marked

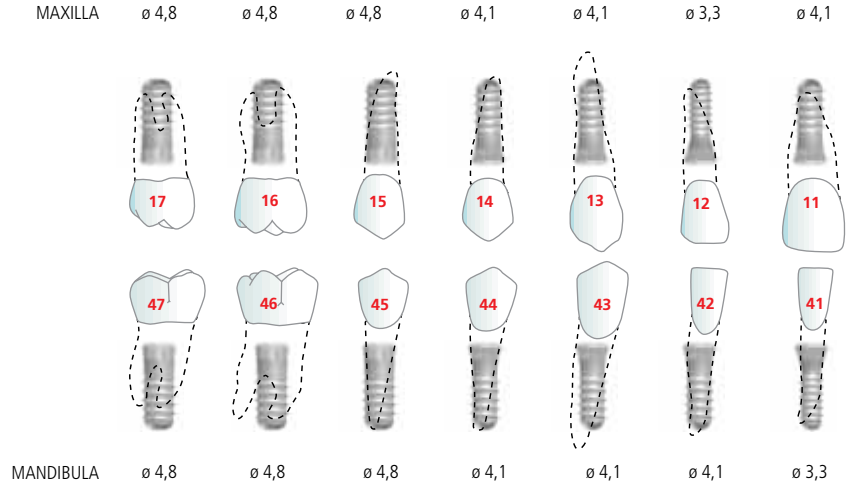
DIAMETER CONNECTION		NOMINAL LENGHT	REFERENCE	DESCRIPTION	RENDERING
3,3	SR	8	125SR33J	8 NECK IMPLANT Ø3,3MM SR X 8MM	
		10	125SR33L	8 NECK IMPLANT Ø3,3MM SR X 10MM	
		12	125SR33N	8 NECK IMPLANT Ø3,3MM SR X 12MM	
4,1	SR	6	125SR41G	8 NECK IMPLANT Ø4,1MM SR X 6MM	
		8	125SR41J	8 NECK IMPLANT Ø4,1MM SR X 8MM	
		10	125SR41L	8 NECK IMPLANT Ø4,1MM SR X 10MM	
		12	125SR41N	8 NECK IMPLANT Ø4,1MM SR X 12MM	
4,8	SR	6	125SR48G	8 NECK IMPLANT Ø4,8MM SR X 6MM	
		8	125SR48J	8 NECK IMPLANT Ø4,8MM SR X 8MM	
		10	125SR48L	8 NECK IMPLANT Ø4,8MM SR X 10MM	
		12	125SR48N	8 NECK IMPLANT Ø4,8MM SR X 12MM	

Implants are supplied with pre assembled mounting device and cover screw Hex. 1,20 screwable with driver Hex. 1,20

SURGICAL PROCEDURE

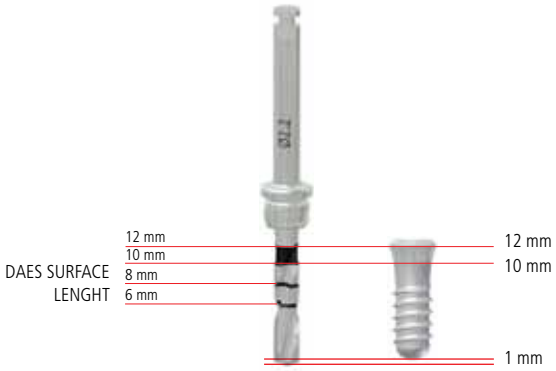
Implant planning

A correct and appropriate planning is necessary in order to remark implant dimensions and relative prosthetic part, or rather root-crown relationship. The surgical planning reported in this catalogue refers to an "ideal" implant protocol; it's indicative but also useful to the dentist in order to help him making all his evaluations. For Implants Ø 3,3 a prosthetic solution with a bar structure is strongly recommended.



Depth marks

Depth marks for each lenght indicate crestal positioning for the corresponding implant lenght. The tip of the drill has to be considered while preparing the osteotomy.



Implant positioning

CRESTAL POSITIONING

When 8NECK INT is inserted in crestal positioning, the platform of the implant should be positioned at the bone crest level.
To obtain the correct depth, drill up to the depth mark that refers to the implant lenght.

Implant L = 10 mm

SUB-CRESTAL POSITIONING

When 8NECK INT implant is inserted in sub-crestal positioning, the platform of the implant should be positioned under the bone crest level.
To obtain the correct depth, drill up to the depth mark that refers to the following implant lenght.

Implant L = 10 mm

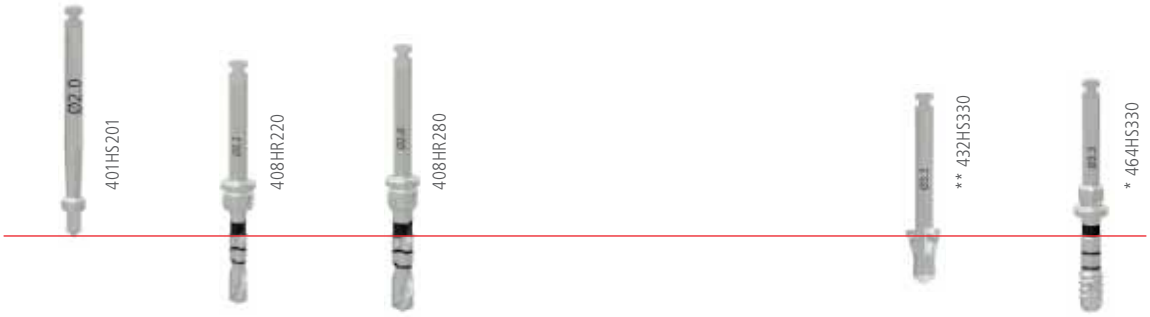
Surgical procedure warnings

To assure the patient the lowest painful post-operation course, as well as the reduction or absence of associated swellings, a minimum susceptibility to infections and injury recovery without complications, the surgery must be performed in a short amount of time, in respect of all tissues.
The following instructions must be observed during the preparation of the implant site:
- ensure sufficient cooling with pre-cooled physiological solution (5°C);
- check cutting instrument sharpness and always use them in ascending order (from the smallest diameter to the largest);
- observe the maximum number of rounds for each drill type;
- while drilling, combine a slight pressure with an alternating "up-down" movement every 1-2 seconds for a correct cooling action.

Surgical sequence

The below surgical sequence refers to a crestal positioning of an implant 10 mm long

ø 3,3 IMPLANT



ø 4,1 IMPLANT

ø 4,8 IMPLANT

* Use in case of compact bone (D1-D2)

** Use in case of hard cortical bone

Surgical procedure

LANCE DRILL
After opening the gingival edge through incision and scraping, use the lance drill to create a space on the cortical bone, useful to the positioning of the pilot drill tip. Recommended speed: 800 - 1000 rpm.

PILOT DRILL
Mark out the implant axis drilling with the pilot drill Ø 2,2 mm up to the depth pointed out by the mark which refers to the implant positioning planned.An abundant external irrigation through pre-cooled physiological solution is suggested. Recommended speed: 700 - 800 rpm. The usage of the stoppers can be a good support in the definition of the proper implant lenght previously planned.

DEPTH GAUGE
To verify the depth, position and angulation of the hole it's possible to use the depht gauge, inserting it in the implant site.

Ø 2,8 PILOT DRILL
Make the preliminary drilling of the implant site using Ø 2,8 mm drill. During this operation it is still possible to make a correction of the implant axis prepared.
The usage of the stoppers can be a good support in the definition of the proper implant lenght previously planned.

FINAL DRILLS
Enlarge the implant site following the drill sequence indicated for each implant diameter. Respect the depth, referring to the marks reported on the drill. An abundant external irrigation through pre-cooled physiological solution is suggested.
Recommended speed: drill Ø 3,5 --> 400 - 500 rpm
drill Ø 4,2 --> 400 - 500 rpm

COUNTERBORE
When necessary, prepare the cortical zone using the counterbore (see implant positioning and surgical sequence for further information). In case of subcrestal positioning of the implant, the laser marking reported on the instrument indicates the correct depth. An abundant external irrigation through pre-cooled physiological solution is suggested.
Recommended speed: 300 - 400 rpm

TAPPING SCREW
To be used in case of compact bone (D1-D2). Place the tip of the tapping screw in the site prepared and start to screw slowly (max 15 rpm) applying a little pressure. Once engaged the thread, proceed for some turns applying no more pressure, preferably with an alternate movement (one turn forward followed by half turn back and so on). When the correct depth corresponding to the relative mark of reference has been reached, carefully unscrew the tapping screw.

IMPLANT TAKING
Take the implant from the packaging using a wrench for handpiece or a manual wrench.

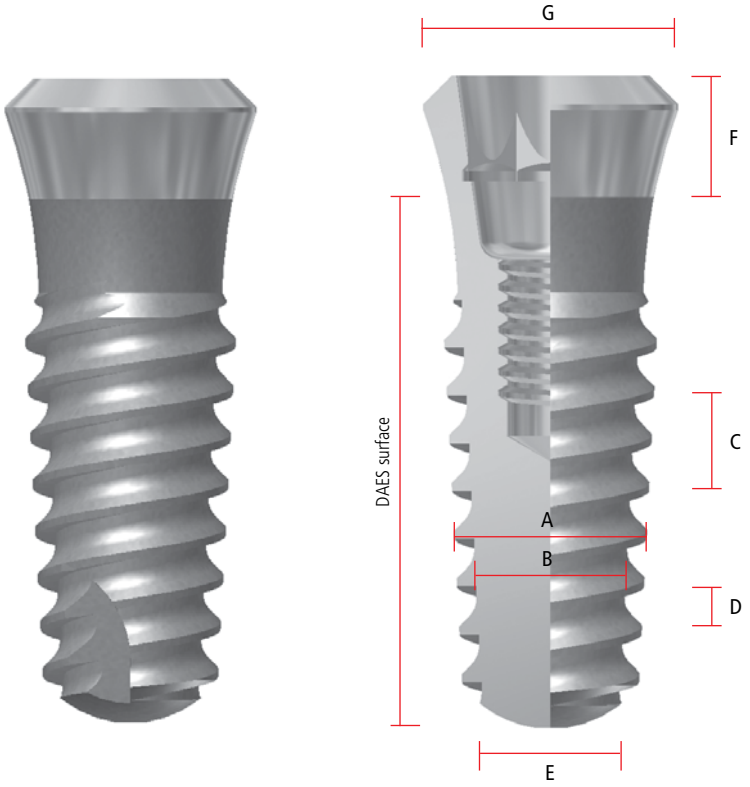
IMPLANT INSERTION
Insert the implant slowly (max 15 rpm) making sure to perfectly engage the thread, if prepared before. During the insertion of the implant, do not exceed the maximum torque of 35 Ncm, in order not to damage the implant connection. If the implant doesn't reach the desired depth, DO NOT FORCE, remove it from the site and repeat the drilling and tapping operations checking the depth and the correct surgical sequence.

MOUNTING DEVICE REMOVAL
Remove the mounting device, unscrewing the retentive screw with a driver Hex. 1,20. In order not to risk to unscrew the implant, keep the mounting device with a fixed wrench.

COVER SCREW INSERTION
Take the cover screw from the implant phial and screw it with the driver Hex. 1,20. Close the gingival edge and make a suitable suture.

8FORM INT

Conical implant with octagonal morse-taper connection

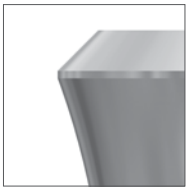


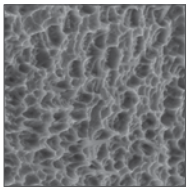

Octagonal morse-taper connection


Gradual coning


Double lead threads


Apical cavities


45° shoulder


DAES surface

A	B	C	D	E	F	G	
IMPLANT DIAMETER	IMPLANT BODY DIAMETER	THREAD PITCH	INTRA-CREST DISTANCE	TIP DIAMETER	SMOOTH NECK	PLATFORM	THREADING
		DOUBLE LEAD THREADS					
3,3	2,8	1,8	0,9	2,1	1,8	4,8	M 2,0
4,1	3,5	1,8	0,9	2,5	1,8	4,8	M 2,0
4,8	4,3	1,8	0,9	2,3	1,8	4,8	M 2,0

All measurements are in millimeters

8 FORM ADVANTAGES ARE

- Smooth neck, the best for monofasic surgery
- Double lead threads for faster insertion
- Implant with gradual coning
- Apical cavities to improve primary stability
- Unified prosthetic; the same abutment fits all 8 FORM diameters
- All prosthetics devices are laser marked

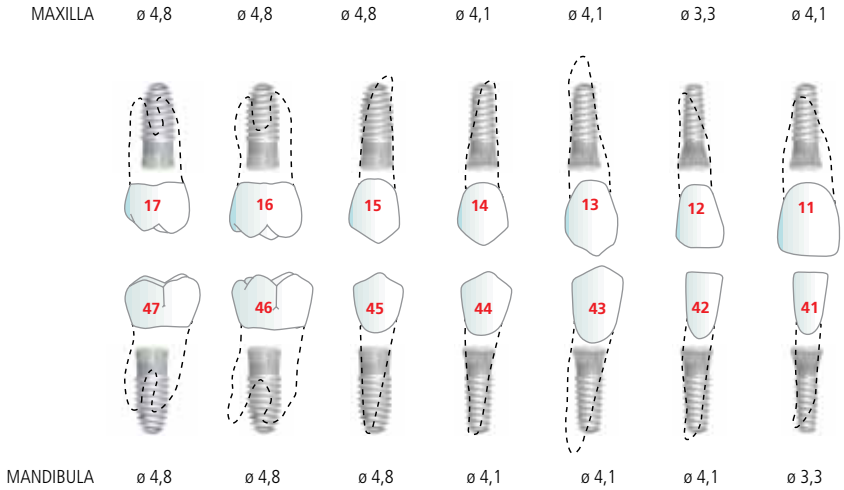
DIAMETER CONNECTION		NOMINAL LENGHT	REFERENCE	DESCRIPTION	RENDERING
3,3	SR	8	130SR33J	8 FORM IMPLANT Ø3,3MM SR X 8MM	
		10	130SR33L	8 FORM IMPLANT Ø3,3MM SR X 10MM	
		12	130SR33N	8 FORM IMPLANT Ø3,3MM SR X 12MM	
4,1	SR	8	130SR41J	8 FORM IMPLANT Ø4,1MM SR X 8MM	
		10	130SR41L	8 FORM IMPLANT Ø4,1MM SR X 10MM	
		12	130SR41N	8 FORM IMPLANT Ø4,1MM SR X 12MM	
4,8	SR	8	130SR48J	8 FORM IMPLANT Ø4,8MM SR X 8MM	
		10	130SR48L	8 FORM IMPLANT Ø4,8MM SR X 10MM	
		12	130SR48N	8 FORM IMPLANT Ø4,8MM SR X 12MM	

Implants are supplied with pre assembled mounting device and cover screw Hex. 1,20 screwable with driver Hex. 1,20

SURGICAL PROCEDURE

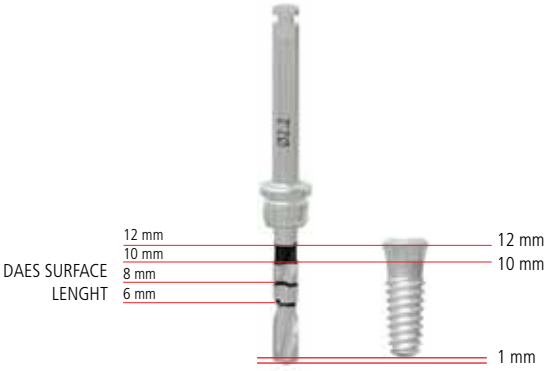
Implant planning

A correct and appropriate planning is necessary in order to remark implant dimensions and relative prosthetic part, or rather root-crown relationship. The surgical planning reported in this catalogue refers to an "ideal" implant protocol; it's indicative but also useful to the dentist in order to help him making all his evaluations. For Implants Ø 3,3 a prosthetic solution with a bar structure is strongly recommended.



Depth marks

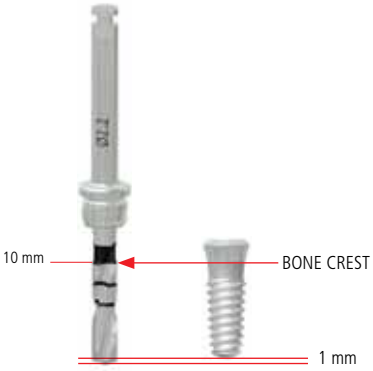
Depth marks for each lenght indicate crestal positioning for the corresponding implant lenght. The drill tip has to be considered while preparing the osteotomy.



Implant positioning

CRESTAL POSITIONING

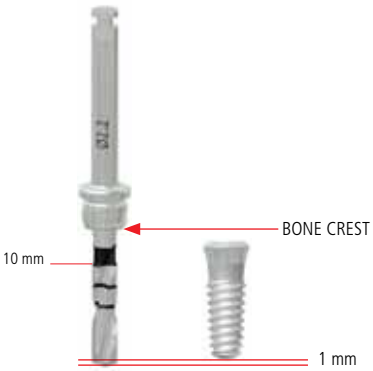
When 8FORM INT is inserted in crestal positioning, the platform of the implant should be positioned at the bone crest level.
To obtain the correct depth, drill up to the depth mark that refers to the implant lenght.



Implant L = 10 mm

SUB-CRESTAL POSITIONING

When 8FORM INT implant is inserted in sub-crestal positioning, the platform of the implant should be positioned under the bone crest level. To obtain the correct depth, drill up to the depth mark that refers to the following implant lenght.



Implant L = 10 mm

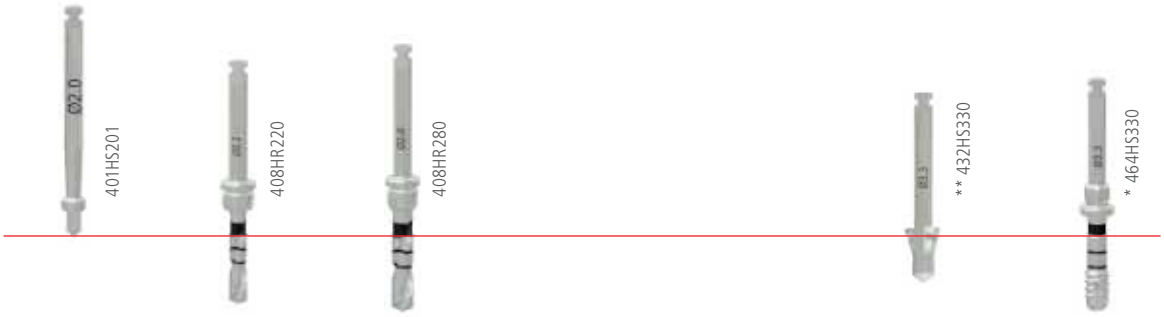
Surgical procedure warnings

To assure the patient the lowest painful post-operation course, as well as the reduction or absence of associated swellings, a minimum susceptibility to infections and injury recovery without complications, the surgery must be performed in a short amount of time, in respect of all tissues.
The following instructions must be observed during the preparation of the implant site:
-ensure sufficient cooling with pre-cooled physiological solution (5°C);
-check cutting instrument sharpness and always use them in ascending order (from the smallest diameter to the largest);
-observe the maximum number of rounds for each drill type;
-while drilling, combine a slight pressure with an alternating "up-down" movement every 1-2 seconds for a correct cooling action.

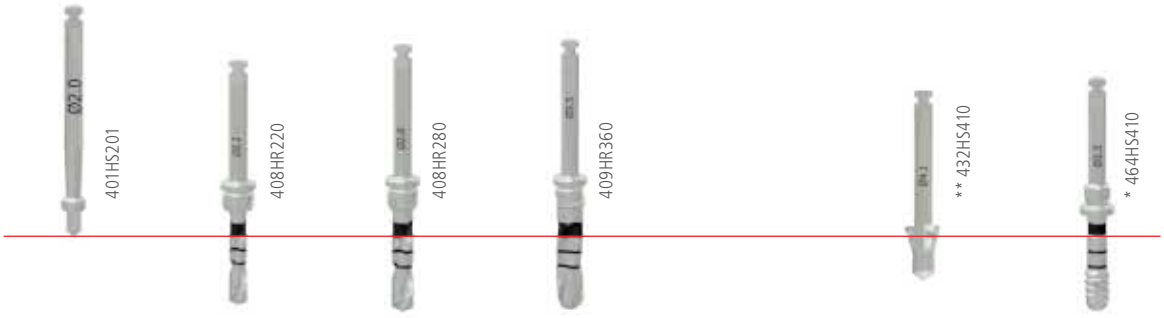
Surgical sequence

The below surgical sequence refers to a crestal positioning of an implant 10 mm long

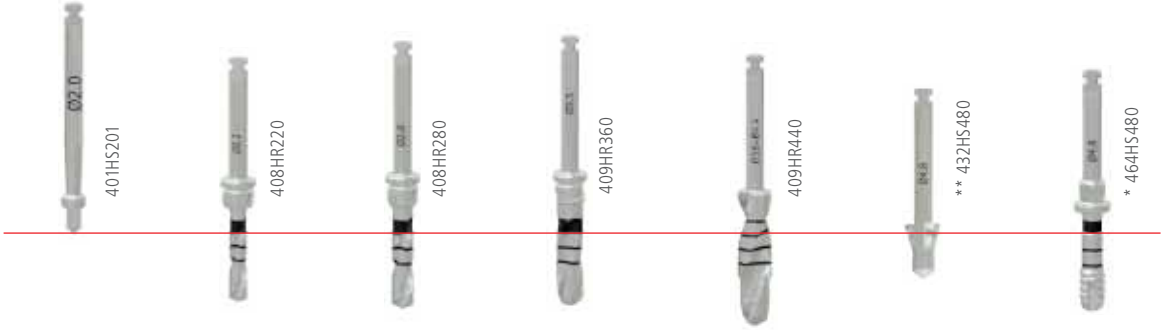
ø 3,3 IMPLANT



ø 4,1 IMPLANT



ø 4,8 IMPLANT



* Use in case of compact bone (D1-D2)

** Use in case of hard cortical bone

Surgical procedure

LANCE DRILL
After opening the gingival edge through incision and scraping, use the lance drill to create a space on the cortical bone, useful to the positioning of the pilot drill tip. Recommended speed: 800 - 1000 rpm.

PILOT DRILL
Mark out the implant axis drilling with the pilot drill Ø 2,2 mm up to the depth pointed out by the mark which refers to the implant positioning planned. An abundant external irrigation through pre-cooled physiological solution is suggested. Recommended speed: 700 - 800 rpm. The usage of the stoppers can be a good support in the definition of the proper implant lenght previously planned.

DEPTH GAUGE
To verify the depth, position and angulation of the hole it's possible to use the depht gauge, inserting it in the implant site.

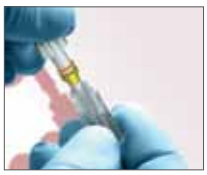
Ø 2,8 PILOT DRILL
Make the preliminary drilling of the implant site using Ø 2,8 mm drill. During this operation it is still possible to make a correction of the implant axis prepared.
The usage of the stoppers can be a good support in the definition of the proper implant lenght previously planned.

FINAL DRILLS
Enlarge the implant site following the drill sequence indicated for each implant diameter. Respect the depth, referring to the marks reported on the drill. An abundant external irrigation through pre-cooled physiological solution is suggested.
Recommended speed: drill Ø 3,6 --> 400 - 500 rpm
drill Ø 4,4 --> 400 - 500 rpm

COUNTERBORE
When necessary, prepare the cortical zone using the counterbore (see implant positioning and surgical sequence for further information). In case of subcrestal positioning of the implant, the laser marking reported on the instrument indicates the correct depth. An abundant external irrigation through pre-cooled physiological solution is suggested.
Recommended speed: 300 - 400 rpm

TAPPING SCREW
To be used in case of compact bone (D1-D2). Place the tip of the tapping screw in the site prepared and start to screw slowly (max 15 rpm) applying a little pressure. Once engaged the thread, proceed for some turns applying no more pressure, preferably with an alternate movement (one turn forward followed by half turn back and so on). When the correct depth corresponding to the relative mark of reference has been reached, carefully unscrew the tapping screw.

IMPLANT TAKING
Take the implant from the packaging using a wrench for handpiece or a manual wrench.



IMPLANT INSERTION
Insert the implant slowly (max 15 rpm) making sure to perfectly engage the thread, if prepared before. During the insertion of the implant, do not exceed the maximum torque of 35 Ncm, in order not to damage the implant connection. If the implant doesn't reach the desired depth, DO NOT FORCE, remove it from the site and repeat the drilling and tapping operations checking the depth and the correct surgical sequence.

MOUNTING DEVICE REMOVAL
Remove the mounting device, unscrewing the retentive screw with a driver Hex. 1,20. In order not to risk to unscrew the implant, keep the mounting device with a fixed wrench.

COVER SCREW INSERTION
Take the cover screw from the implant vial and screw it with the driver Hex. 1,20. Close the gingival edge and make a suitable suture.

Prosthetics for octagonal morse-taper implants

HEALING SCREWS

MATERIAL Titanium grade 5 (Ti6Al4V)

SHAPE The shape of the healing screw fits that of the collar of the abutments for an optimal healing of the mucous membrane

USE It is positioned after implant osteointegration by making a little gingival incision

DRIVER Use driver Hex. 1,20

TORQUE The use of a torque wrench at a torque value of 15-20 Ncm is recommended

	OCTA	SOLID
H = 1,5 mm	201SR1A0	
H = 2 mm	201SR2A0	
H = 3 mm	201SR3A0	

LABORATORY PROCEDURES

Cylinders

MATERIAL PMMA

USE OCTA: place and push OCTA cylinder on the emergence of the implant until it fits with the shoulder. Let the positioning cylinder go through the impression tray

SOLID: let the positioning cylinder go through the impression tray, ensuring to align the internal flat side of the positioning cylinder with the flat side of the secondary component. Push it until it is flush with the impression tray

NOTE Available in packs of 4 pieces

OCTA	SOLID
319SR0A0.04	319NA0A0.04

Impression tray

MATERIAL PMMA

USE Set the impression tray on the secondary component and fit it with the shoulder of the implant (Solid version), or directly fit it with the shoulder of the implant (Octa version). Twiddle the tray ensuring it is correctly positioned

NOTE Available in packs of 4 pieces

OCTA	SOLID
310SR0A2.04	

Pick up transfer

MATERIAL Aluminium

USE Used to take the impression with individual open tray (pick-up technique). It will be connected to the implant using the transfer screw

NOTE Transfer screw included

	OCTA
short screw	310SR0A0
long screw	310SR0A1

Replicas

MATERIAL Stainless steel

USE Used to reproduce in the chalk model the position and the inclination of the implant inserted in the patient's mouth

OCTA	SOLID
301SR0A0	

IMPRESSION TAKING WITH REPOSITIONING TECHNIQUE (DIRECT)

This technique implies the use of positioning cylinders and caps. All delivered components of the transferring system are sterilized. If necessary, they can be disinfected with the standard commercialized disinfectants for resin products (carefully observe the producer's instructions for use). Attention: resin components are disposable and therefore they don't need sterilization. In order not to damage them (elasticity loss, frailty increase), it is necessary to screen them from sunlight and heat sources.

IMPRESSION TAKING WITH "OCTA SYSTEM"

1. Tray positioning
Both shoulder and inner configuration of the implant need a deep cleansing (from blood, tissues) before taking the impression. Place and push the impression tray on the emergence of the implant until it fits with the shoulder. The correct positioning of the tray can be verified with a slight rotatory motion: if it turns on the implant it means that it has correctly been positioned. Important: in order to avoid errors during the impression taking, the shoulder of the implant and the locking side of the transfer must be perfectly undamaged.
2. Placement of the positioning cylinder
The octagon of the octa positioning cylinder must be aligned to that of the implant and inserted inside the transfer until it stops.

IMPRESSION TAKING WITH "SOLID SYSTEM"

1. Tray positioning
Set the impression tray on the secondary component and fit it with the shoulder of the implant. Twiddle the cap ensuring it is correctly positioned.
2. Placement of the positioning cylinder
Let the positioning cylinder go through the impression tray, ensuring to align the internal flat side of the positioning cylinder with the flat side of the secondary component. Push it until it is flush with the impression tray.

IMPRESSION TAKING WITH PICK-UP TECHNIQUE (INDIRECT)

This technique implies the use of transfers with passing screws (short or long).

For this precision impression, a single open tray, previously constructed by a laboratory on the impression (e.g., in alginate) with inserted healing screws, must be used. After removing the healing screw, connect the impression transfer according to the implant used and fix it to the through screw. Make sure that the transfer is correctly inserted, for example, taking an endoral x-ray.
For impressions on several implants, the transfer splintering technique can be used, connecting them with a metallic wire (e.g., orthodontic wire) that passes as a bridge between the transfers, forming a support "frame" for the resin. When the frame is complete, spread resin between one transfer and the next, thus building a "reinforcement".

Try the open tray, ensuring that the heads of the transfer and their screws protrude from the tray slots. Close the hole with soft wax and spread an even layer of adhesive on the tray, letting it completely dry. After that, fill the tray with impression material, insert it in the mouth and let it set as per the manufacturer's instructions.
To reduce the risks of bubble formation, apply the same material from a nozzle syringe around the transfers to fill any sub-gaps.

Once the material has hardened, unscrew the transfer screws and remove the tray with the englobed transfers. Replace the healing screws (cleaned and disinfected).
Send everything to the laboratory enclosing corresponding implant replica or, alternatively, reinserting the through screws in the transfers inserted in the tray and screw the correspondent implant replica, making sure the transfers won't be subject to ant rotation.

PROSTHETICS

Octa Straight Abutments

MATERIAL Titanium grade 5 (Ti6Al4V)
USE To be used for transocclusal screwing crowns and bridgeworks (cod. 220SR0A4). Also for crowns and cemented bridgeworks (cod. 220SR0A3)
DRIVER To screw the retentive screw use driver Hex. 1,20
TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm
NOTE Titanium retentive screw included.

	OCTA
straight	220SR0A3
octa	220SR0A4

Solid Straight Abutments

MATERIAL Titanium grade 5 (Ti6Al4V)
USE To be used for crowns and cemented bridgeworks. If necessary, the secondary component can be shortened by max 2,2mm
DRIVER To screw the abutments use the solid abutment insertion device (cod 530JD001)
TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

	SOLID
L = 4 mm	220SR0A0
L = 5,5 mm	220SR0A1
L = 7 mm	220SR0A2

Angled Abutments

MATERIAL Titanium grade 5 (Ti6Al4V)
USE To be used for transocclusal screwing crowns and bridgeworks. The inclination of 15° or 20° corresponds to a face of the hexagon. They are connected to implants through retentive titanium screw
DRIVER To screw the retentive screw use driver Hex. 1,20
TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm
NOTE Titanium retentive screw included.

	OCTA
α = 15°	220SR0D0
α = 20°	220SR0E0

LABORATORY PROSTHETICS

Gold bases

MATERIAL PMMA with gold base (pd-base alloy)

USE Used to create customized prosthetic works by overfusion. The gold base allows an excellent finishing and guarantees the maximum precision of the implant-prosthetic connection; the castable part enables wide working possibilities to obtain the overfusion. They connect to octa abutment (cod 220SR0A4) through retentive titanium screw (included in the packing).

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

NOTE Titanium retentive screw included.

	OCTA
rotating	245SR0A1
not rotating	245SR0A0

Plastic abutments

MATERIAL PMMA

USE Used to create customized prosthetic works by fusion. Made of a specific plastic easily workable, that keeps few residues after fusion. They connect to implants through retentive titanium screw (included in the packing)

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

NOTE Titanium retentive screw included

TYPE A

TYPE B

	OCTA	
	TIPO A	TIPO B
rotating	205SR0A3	205SR0A2
non-rotating	205SR0A1	205SR0A0

OVERDENTURE PROSTHETICS

NEW! Ball attachment - Straight abutments

RHEIN83 Srl

CE 0434

MATERIAL Titanium coated with TiN

USE Systems for parallel solutions. The Sphero Flex attachments with removable sphere are suitable in disparallelism situations which are not superior to 7,5°. Each packaging includes: n° 1 ball attachment, n° 2 soft retentive caps, n° 3 directional rings (0°, 7° e 14°) and one protective disc

DRIVER Use the digital driver for Sphero Block / Flex

		OCTA	SOLID
SPHERO BLOCK NORMO SPHERE Ø 2,5	H = 0,5 mm	002BFT05R	
	H = 1 mm	002BFT1R	
	H = 2 mm	002BFT2R	
	H = 3 mm	002BFT3R	
	H = 4 mm	002BFT4R	
	H = 5 mm	002BFT5R	
	H = 6 mm	002BFT6R*	
	H = 7 mm	002BFT7R*	
SPHERO BLOCK MICRO SPHERE Ø 1,8	H = 0,5 mm	003BFT05R	
	H = 1 mm	003BFT1R	
	H = 2 mm	003BFT2R	
	H = 3 mm	003BFT3R	
	H = 4 mm	003BFT4R	
	H = 5 mm	003BFT5R	
	H = 6 mm	003BFT6R*	
	H = 7 mm	003BFT7R*	
SPHERO FLEX SELF-PARALLELIZING SPHERE Ø 2,5	H = 0,5 mm	109BFT05R	
	H = 1 mm	109BFT1R	
	H = 2 mm	109BFT2R	
	H = 3 mm	109BFT3R	
	H = 4 mm	109BFT4R	
	H = 5 mm	109BFT5R	
	H = 6 mm	109BFT6R*	
	H = 7 mm	109BFT7R*	

* available on request

Manual Wrench

MATERIAL Stainless steel

USE Used to screw Sphero Block and Sphero Flex ball attachments

NOTE Useful for all BTK prosthetic platforms

OCTA	SOLID
771CEF	

Locator - Straight abutments

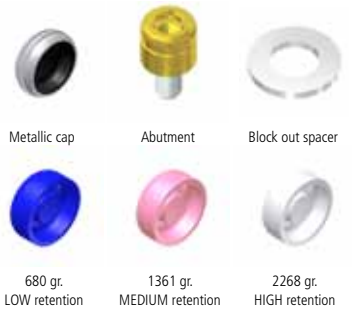
Locator abutment are produced and brewed by
Zest Anchors, Inc., 2061 Wineridge Place, Escondido, CA 92029, USA.
Locator is a registered trademark of Zest Anchors, Inc., San Diego, USA.

MATERIAL Titanium coated with TiN

USE The ultimate solution to the anchorage of overdenture. Its innovative self-aligned design allows the immediate and eased connection between abutment and cap. Its main feature is a reduced vertical height.

DRIVER Use the golden part of Locator "Core Tool"

NOTE Each packaging includes: n° 1 Locator abutment, n° 3 reduced angle retentive caps, n° 1 metallic cap and one teflon block out spacer. Only available for ER and EW prosthetic platforms.



Retentive caps packaging, o correct reduced angle (20°)

	OCTA	SOLID
H = 1 mm	260SR1A0	
H = 2 mm	260SR2A0	
H = 3 mm	260SR3A0	
H = 4 mm	260SR4A0	
H = 5 mm	260SR5A0	
H = 6 mm	260SR6A0	

Spare kit

METALLIC CAP KIT + BLOCK OUT SPACER + RETENTIVE CAPS
Made up of metallic cap, teflon block out spacer, three reduced angle retentive caps

Cod. 690NA011

METALLIC CAP KIT + BLOCK OUT SPACER
The metallic cap allows the connection between abutment and prosthesis, the black retentive cap is for temporary use and has to be replaced with the colored cap of the proper retention

Cod. 690NA022

REDUCED ANGLE RETENTIVE CAPS KIT (20°)
Made up of four retentive caps of the same brand

Cod. 690NA006.04 | 680 gr. | LOW retention

Cod. 690NA008.04 | 1361 gr. | MEDIUM retention

Cod. 690NA010.04 | 2268 gr. | HIGH retention

WIDE ANGLE RETENTIVE CAPS KIT (40°)
Made up of four retentive caps of the same brand

Cod. 690NA005.04 | 226-680 gr. | LOW retention

Cod. 690NA007.04 | 907 gr. | MEDIUM retention

Cod. 690NA009.04 | 1361-1814 gr. | HIGH retention

TEMPORARY RETENTIVE CAPS KIT
Includes 4 caps of the same brand, to be used as spare parts for transfers

Cod. 690NA054.04

CAP FOR RETENTIVE WRENCH
Component to be inserted on the golden part of the locator core tool. It allows to hold the locator abutment to the insertor, helping the abutment placement on the patient's oral cavity. Resistant to up to 5 sterilization cycles. Individually packed.

Cod. 690NA020

Accessories

"3 IN 1" CORE TOOL
System accessory which allows the placement and displacement of the components

Cod. 502MA004

DIRECT TRANSFER
It is used to take the impression

Cod. 321NA0A0

REPLICA
It duplicates the position of the implant in the plaster model

Cod. 301NA0A0

SUMMARY

		PROSTHETIC SYSTEM	OCTA
PROSTHETICS		HEALING SCREWS	201SR1A0 (Flare = 5,5 mm H = 1,5 mm)
		CYLINDERS (4 PIECES INCLUDED)	319SR0A0.04
		IMPRESSION TRAY (4 PIECES INCLUDED)	
		PICK-UP TRANSFER	310SR0A0 (with long screw)* 310SR0A1 ((with short screw)*
		REPLICAS	
		STRAIGHT ABUTMENTS	220SR0A3 • 220SR0A4 (octa)
		ANGLED ABUTMENTS	220SR0D0 (15° Flare =3,5 mm L=5,7 mm) • 220SR0E0 (20° Flare =3,5 mm L=5,7 mm) •
		GOLD BASES	245SR0A0 •
		PLASTIC ABUTMENTS	205SR0A0 • 205SR0A1 (octa) • 205SR0A2 (rotating) •
BALL ATTACHMENT		STRAIGHT ABUTMENTS	SPHERO BLOCK NORMO - SPHERE Ø 2,5 002BFT05R (H=0,5 mm)
			SPHERO BLOCK MICRO - SPHERE Ø 1,8 003BFT05R (H=0,5 mm)
			SPHERO FLEX - SPHERE Ø 2,5 109BFT05R (H=0,5 mm)
		MANUAL WRENCH	
LOCATOR		STRAIGHT ABUTMENTS	260SR1A0 (H = 1 mm) 260SR2A0 (H = 2 mm)
		METALLIC CAP KIT + BLOCK OUT SPACER + RETENTIVE CAPS	
		METALLIC CAP KIT + BLOCK OUT SPACER	
		REDUCED ANGLE RETENTIVE CAPS KIT (20°)	690NA006.04 (680 gr. | LOW retention)
		WIDE ANGLE RETENTIVE CAPS KIT (40°)	690NA005.04 (226-680 gr. | LOW retention)
		TEMPORARY RETENTIVE CAPS KIT	
		CAP FOR RETENTIVE WRENCH	
		"3 IN 1" CORE TOOL	
		DIRECT TRANSFER	
		REPLICA	

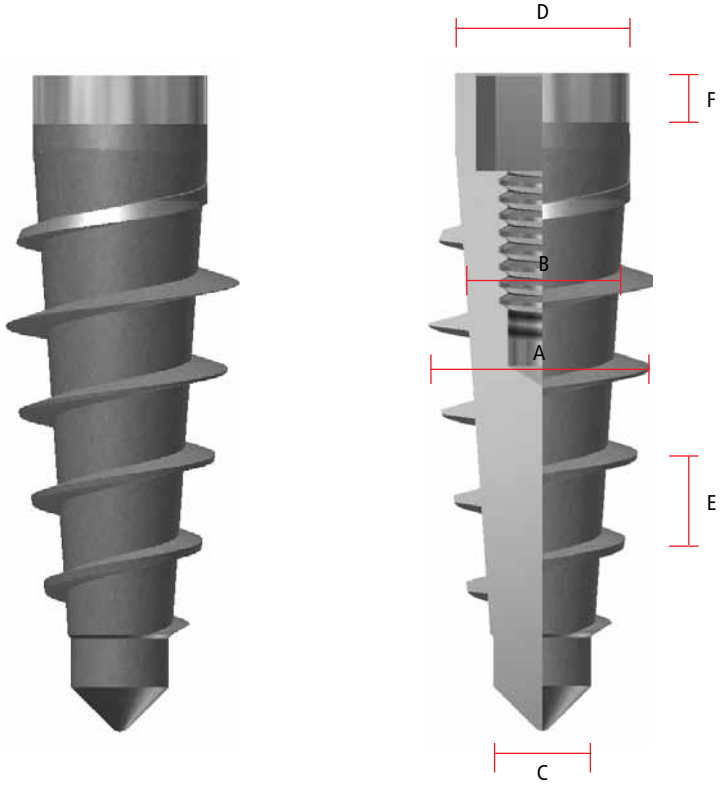
* Transfer screw included • Titanium retentive screw included

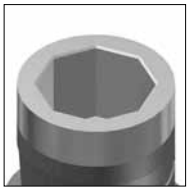
	SOLID		
	201SR2A0 (Flare = 5,5 mm H = 2,0 mm)		201SR3A0 (Flare = 5,5 mm H = 3,0 mm)
	319NA0A0.04		
310SR0A2.04			
301SR0A0			
	220SR0A0 (Flare =3,5 mm L=4,0 mm)	220SR0A1 (Flare =3,5 mm L=5,5 mm)	220SR0A2 (Flare =3,5 mm L=7,0 mm)
	245SR0A1 (rotating) •		
205SR0A3 (octa - rotating) •			
002BFT1R (H=1 mm)	002BFT2R (H=2 mm)	002BFT3R (H=3 mm)	002BFT4R (H=4 mm)
003BFT1R (H=1 mm)	003BFT2R (H=2 mm)	003BFT3R (H=3 mm)	003BFT4R (H=4 mm)
109BFT1R (H=1 mm)	109BFT2R (H=2 mm)	109BFT3R (H=3 mm)	109BFT4R (H=4 mm)
771CEF			
260SR3A0 (H = 3 mm)	260SR4A0 (H = 4 mm)	260SR5A0 (H = 5 mm)	260SR6A0 (H = 6 mm)
690NA011			
690NA022			
690NA008.04 (1361 gr. | MEDIUM retention)		690NA010.04 (2268 gr. | HIGH retention)	
690NA007.04 (907 gr. | MEDIUM retention)		690NA009.04 (1361-1814 gr. | HIGH retention)	
690NA054.04			
690NA020			
502MA004			
321NA0A0			
301NA0A0			

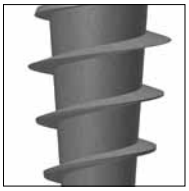
implants with internal octagon connection

TWO

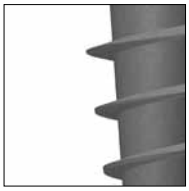
Conical implant with internal octagon connection

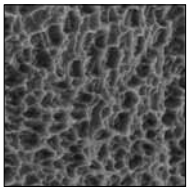



Internal octagon


Conical body


Cutting apex


Large threads


DAES surface

A	B	C	D	E	F	
IMPLANT DIAMETER	IMPLANT BODY DIAMETER	TIP DIAMETER	PLATFORM	THREAD PITCH	SMOOTH NECK	THREADING
4	3,6	2	3,6	2	1	M 1,8
5	4	2	4	2	1	M 1,8
6	5	2,5	5	2	1	M 1,8

All measurements are in millimeters

THE ADVANTAGES OF TWO ARE

- Conical implant
- Large threads
- High primary stability
- Suitable as post-extractive

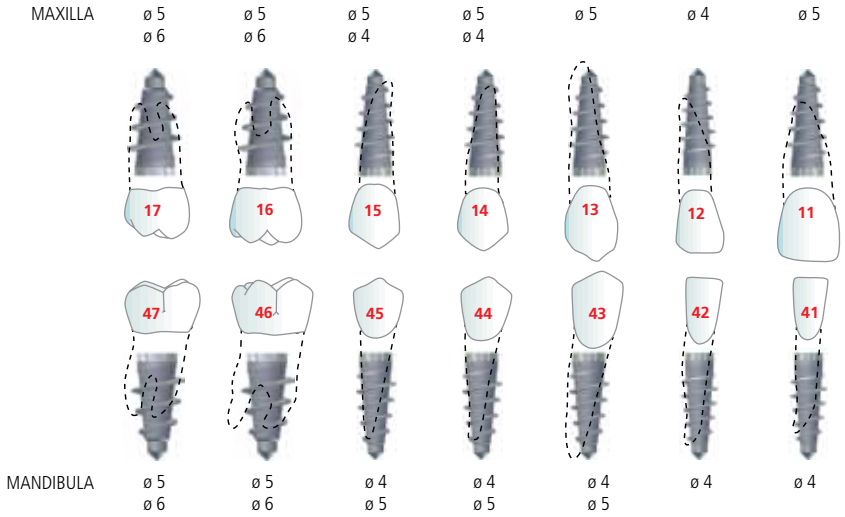
DIAMETER	CONNECTION	NOMINAL LENGHT	REFERENCE	DESCRIPTION	RENDERING
4	3,6	10	ITW40100CM	TWO DENTAL IMPLANT Ø 4,0 MM L. 10,0 MM	
		11,5	ITW40115CM	TWO DENTAL IMPLANT Ø 4,0 MM L. 11,5 MM	
		13,5	ITW40135CM	TWO DENTAL IMPLANT Ø 4,0 MM L. 13,5 MM	
		15,5	ITW40155CM	TWO DENTAL IMPLANT Ø 4,0 MM L. 15,5 MM	
5	4	10	ITW50100CM	TWO DENTAL IMPLANT Ø 5,0 MM L. 10,0 MM	
		11,5	ITW50115CM	TWO DENTAL IMPLANT Ø 5,0 MM L. 11,5 MM	
		13,5	ITW50135CM	TWO DENTAL IMPLANT Ø 5,0 MM L. 13,5 MM	
		15,5	ITW50155CM	TWO DENTAL IMPLANT Ø 5,0 MM L. 15,5 MM	
6	5	10	ITW60100CM	TWO DENTAL IMPLANT Ø 6,0 MM L. 10,0 MM	
		11,5	ITW60115CM	TWO DENTAL IMPLANT Ø 6,0 MM L. 11,5 MM	
		13,5	ITW60135CM	TWO DENTAL IMPLANT Ø 6,0 MM L. 13,5 MM	
		15,5	ITW60155CM	TWO DENTAL IMPLANT Ø 6,0 MM L. 15,5 MM	

Implants are supplied with pre assembled mounting device and cover screw Hex. 1,20 screwable with driver Hex. 1,20

SURGICAL PROCEDURE

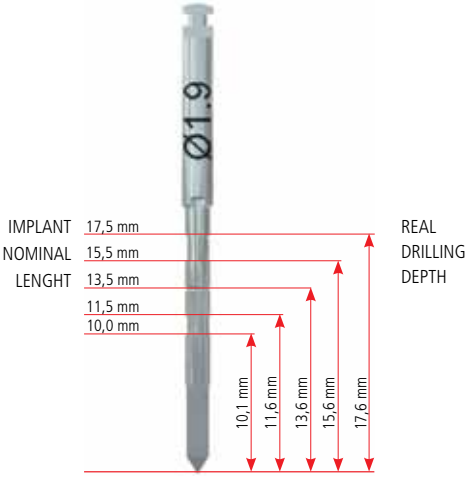
Implant planning

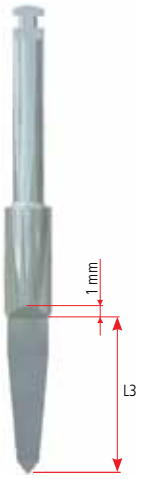
A correct and appropriate planning is necessary in order to remark implant dimensions and relative prosthetic part, or rather root-crown relationship. The surgical planning reported in this catalogue refers to an "ideal" implant protocol; it's indicative but also useful to the dentist in order to help him making all his evaluations. For Implants Ø 3,3 a prosthetic solution with a bar structure is strongly recommended.



Depth marks

Depth marks for each lenght indicate crestal positioning for the corresponding implant lenght. The tip of the drill has to be considered while preparing the osteotomy.

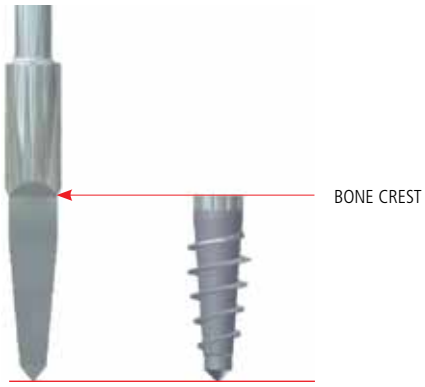




Implant positioning

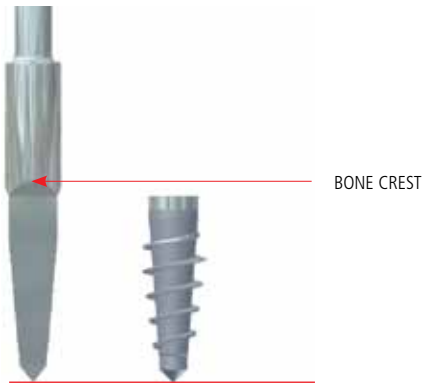
CRESTAL POSITIONING

When TWO is inserted in crestal positioning, the platform of the implant should be positioned at the bone crest level.
Drill up to the end of the cutting part of the drill, stating that each drill is made for the correspondent implant.



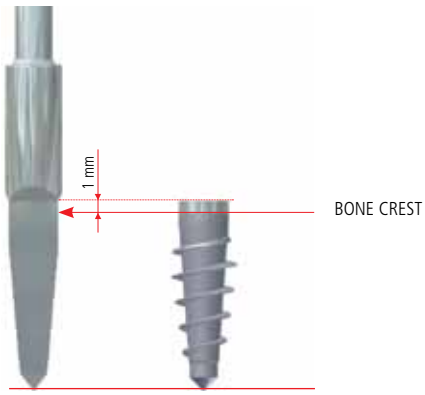
SUB-CRESTAL POSITIONING

When the TWO implant is inserted in subcrestal position, the platform of the implant is about 1 mm under the bone crest. This tecnique is used overall in the anterior region to guarantee the best aesthetic result. Drill up to 1 mm after the end of the cutting part of the drill.



SUPRA-CRESTAL POSITIONING

When the TWO implant is inserted in supra-crestal position, the platform of the implant is about 1 mm above the bone crest.
Drill up to 1 mm before the end of the cutting part of the drill



Surgical Procedure Warnings

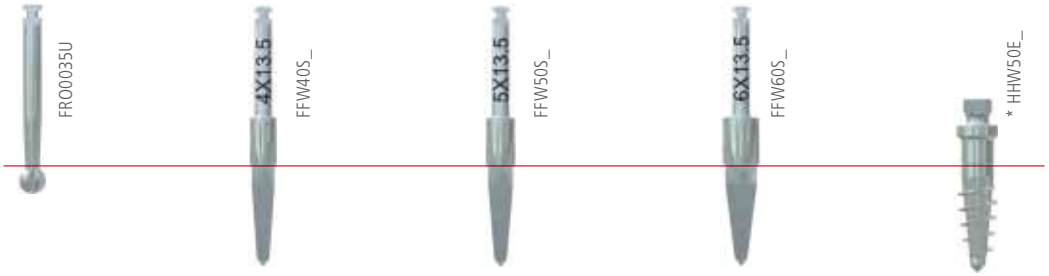
To assure the patient the lowest painful post-operation course, as well as the reduction or absence of associated swellings, a minimum susceptibility to infections and injury recovery without complications, the surgery must be performed in a short amount of time, in respect of all tissues.
The following instructions must be observed during the preparation of the implant site:
- ensure sufficient cooling with pre-cooled physiological solution (5°C);
- check cutting instrument sharpness and always use them in ascending order (from the smallest diameter to the largest);
- observe the maximum number of rounds for each drill type;
- while drilling, combine a slight pressure with an alternating "up-down" movement every 1-2 seconds for a correct cooling action.

Surgical Sequence

The below surgical sequence refers to a crestal positioning of an implant 11,5 mm long

ø 4 IMPLANT

ø 5 IMPLANT



ø 6 IMPLANT

* Use in case of compact bone (D1-D2)

Surgical procedure

LANCE DRILL
After opening the gingival edge through incision and scraping, use the lance drill to create a space on the cortical bone, useful to the positioning of the pilot drill tip.
Recommended speed: 800 - 1000 rpm.

PILOT DRILL
Use the pilot drill Ø 1,9 mm up to the depth pointed out by the mark which refers to the implant positioning planned. An abundant external irrigation through pre-cooled physiological solution is suggested. Recommended speed: 800 - 1000 rpm.

DEPTH GAUGE
To verify the depth, position and angulation of the hole it's possible to use the depht gauge, inserting it in the implant site.

CONICAL DRILL
Enlarge the implant site following the conical drill sequence indicated for each diameter and lenght of the implant. Never stop the micromotor, drill making an "up-down" movement every 1-2 seconds. In order to identify the correct depth go to "Implant Positioning" chapter. An abundant external irrigation through pre-cooled physiological solution is suggested.
Recommended speed: drill Ø 4,00 --> 400 - 500 rpm
drill Ø 5,00 --> 200 - 300 rpm
drill Ø 6,00 --> 200 rpm

TAPPING SCREW
To be used in case of dense bone (D1-D2). Prepare the site using the tapping screw with the same diameter and lenght of the implant that will be inserted. Position the tip of the tapping screw in the site prepared and start to screw slowly (max 15 rpm) applying a little pressure. Once engaged the thread, proceed for some turns applying no more pressure, preferably with an alternate movement (one turn forward followed by half turn back and so on). When the correct depth corresponding to the relative mark of reference (crestal position) has been reached, carefully unscrew the tapping screw.

IMPLANT TAKING
Take the implant from the packaging using a digital implant driver or an implant driver for handpiece.

IMPLANT INSERTION
Insert the implant slowly (max 15 rpm) making sure to perfectly engage the thread, if prepared before. During the insertion of the implant, do not exceed the maximum torque of 35 Ncm, in order not to damage the implant connection. If the implant doesn't reach the desired depth, DO NOT FORCE, remove it from the site and repeat the drilling and tapping operations checking the depth and the correct surgical sequence.

MOUNTING DEVICE REMOVAL
Remove the mounting device, unscrewing the retentive screw with a driver Hex. 1,20.
In order not to risk to unscrew the implant, keep the mounting device with a fixed wrench.

COVER SCREW INSERTION
Take the cover screw from the implant phial and screw it with the driver Hex. 1,20.
Close the gingival edge and make a suitable suture.

Prosthetics for implants with internal octagon connection

HEALING SCREWS

MATERIAL Titanium grade 5 (Ti6Al4V)
SHAPE The shape of the healing screw fits that of the collar of the abutments for an optimal healing of the mucous membrane
USE It is positioned after implant osteointegration by making a little gingival incision
DRIVER Use driver Hex. 1,20
TORQUE The use of a torque wrench at a torque value of 15-20 Ncm is recommended

	3,6	4	5
H = 3 mm	GGO36C03	GGO40C03	
H = 4 mm	GGO36C04	GGO40C04	GGO60C04
H = 5 mm	GGO36C05	GGO40C05	
H = 6 mm	GGO36C06	GGO40C06	

LABORATORY PROCEDURES

Cap transfer

MATERIAL Stainless steel. Aluminium cap.
USE Used to take the impression by re-positioning technique. It is connected to the implant with the inserted screw inside the transfer (retentive cap included)
DRIVER Use driver Hex. 1,20
TORQUE The use of a torque wrench at a torque value of 20-25 Ncm is recommended
NOTE Transfer screw and retentive cap included

3,6	4	5
TTO36MN0	TTO40MN0	TTO60MN0

Pick up transfer

MATERIAL Stainless steel
USE Used to take the impression with individual open tray (pick-up technique). It is connected to the implant through the transfer screw
DRIVER Use driver Hex. 1,20
TORQUE The use of a torque wrench at a torque value of 20-25 Ncm is recommended
NOTE Transfer screw not included

	3,6	4	5
rotating	ATO36MR0	ATO40MR0	
not rotating	ATO36MN0	ATO40MN0	ATO60MN0

Pick up transfer screw

MATERIAL Stainless steel
USE Used to fix the transfer to take the impression
DRIVER Use driver Hex. 1,20
TORQUE The use of a torque wrench at a torque value of 20-25 Ncm is recommended

	3,6	4	5
L = 13 mm	VVL1810E		
L = 18 mm	VVL1815E		

Replicas

MATERIAL Titanium grade 5 (Ti6Al4V)

USE Used to riproduces in the chalk model the position and the inclination of the implant inserted in the patient's mouth

3,6	4	5
AIO36I00	AIO40I00	AIO60I00

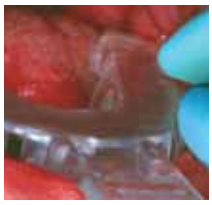
IMPRESSION TAKING WITH REPOSITIONING TECHNIQUE (DIRECT)

This technique is applied when using transfers with cap and closed tray.

After removing the healing screw, connect the transfer to the implant making sure that they properly couple. After wetting the cap with the adhesive impression material and after its perfect drying, insert the cap over the transfer.

Cover the tray with adhesive, position the material, take the impression and let it solidify for the required amount of time, as indicated by the manufacturer.
Delicately remove the tray with the cap inserted, trying to remove it vertically. Unscrew the transfer from the implant and send everything to the laboratory.

Alternatively, the transfer can be screwed on the implant replica, reinserting it in the impression and fastening it to the cap.
To facilitate this last step, make sure that the faceting of the transfer is in line with the faceting left by the transfer on the impression.



IMPRESSION TAKING WITH PICK-UP TECHNIQUE (INDIRECT)

This technique is applied when using transfers with passing screws (short or long).

For such a precise impression technique, a single drilled open tray previously constructed by a laboratory on the impression (e.g. in alginate) with the healing screws inserted must be used.
After removing the healing screw, connect the impression transfer according to the implant used and fix it to the through screw. Make sure that the transfer is correctly inserted, for example, taking an endoral x-ray.
For impressions on several implants, the transfer splintering technique can be used, connecting them with a metallic wire (e.g., orthodontic wire) that passes as a bridge between the transfers, forming a support "frame" for the resin. When the frame is complete, spread resin between one transfer and the next, thus building a "reinforcement".

Try the open tray, ensuring that the heads of the transfer and their screws protrude from the tray slots. Close the hole with soft wax and spread an even layer of adhesive on the tray, letting it completely dry. After that, fill the tray with impression material, insert it in the mouth and let it set as per manufacturer's instructions.
To reduce the risks of bubbles formation, apply the same material from a nozzle syringe around the transfers to fill any sub-gaps.

Once the material has hardened, unscrew the transfer screws and remove the tray with the englobed transfers. Replace the healing screws (cleaned and disinfected).
Send everything to the laboratory enclosing corresponding implant replica or, alternatively, reinserting the through screws in the transfers inserted in the tray and screw the correspondent implant replica, making sure that the transfers won't be subject to any rotation.

PROSTHETICS

Straight Abutments

MATERIAL Titanium grade 5 (Ti6Al4V). The millable abutment is made of Titanium grade 2.

USE Prosthetic structure to be used to support single crowns and bridgeworks. The maximum inclination usable is 10°; over this angulation we suggest to use angled or plastic abutments.

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

NOTE Titanium retentive screw included.

	3,6	4	5
H = 2 mm	MMO36N02	MMO40N02	
H = 3 mm	MMO36N03	MMO40N03	
H = 4 mm	MMO36N04	MMO40N04	
Millable			MMO60F00

Angled Abutments

MATERIAL Titanium grade 5 (Ti6Al4V)

UTILIZZO Pre-angled prosthetic structure to be used to support single crowns and bridgeworks. The inclination of 15° corresponds to a face of the octagon. They are connected to the implants through retentive titanium screw

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

NOTE Titanium retentive screw included

		3,6	4
α = 15°	H = 2 mm	MMP36N12	MMP40N12
	H = 3 mm	MMP36N13	MMP40N13
	H = 4 mm	MMP36N14	MMP40N14
α = 25°	H = 2 mm	MMQ36N22	MMQ40N22
	H = 3 mm	MMQ36N23	MMQ40N23
	H = 4 mm	MMQ36N24	MMQ40N24

Aesthetic abutments

MATERIAL	Titanium grade 5 (Ti6Al4V)
USE	Prosthetic structure to be used to support single crowns or bridgeworks. Designed to optimize the emergency profile and ammilliorate the aesthetic result. It is connected to the implant through a retentive titanium screw (included in the packing). Provided with a threaded hole for the lingual screw (not included)
DRIVER	To screw the retentive screw use driver Hex. 1,20
TORQUE	The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm
NOTE	Titanium retentive screw included

	3,6	4	5
H = 1 mm	MEO36N01	MEO40N01	MEO60N01

Lingual Screw

MATERIAL	Titanium grade 5 (Ti6Al4V)
USE	It is used to fix the prosthesis to the aesthetic abutments. Thread M 1,4
DRIVER	Use driver Hex. 0,9
TORQUE	The use of a torque wrench at a torque value of 15 Ncm is recommended
NOTE	Universal lingual screw for esthetic abutments. Available for IR, IM and IW prosthetic platforms

3,6	4	5
	VLE14TIT	

LABORATORY PROSTHETICS

Gold bases

MATERIAL PMMA with gold base (pd-base alloy)

USE Used to create customized prosthetic works by overfusion. The gold base allows an excellent finishing and guarantees the maximum precision of the implant-prosthetic connection; the castable part permits wide working possibilities to obtain the overfusion.
They connect to implants through retentive titanium screw (included in the packing)

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

NOTE Titanium retentive screw included

	3,6	4	5
rotating	COO36R00	COO40R00	
not rotating	COO36N00	COO40N00	COO60N00

Plastic Abutments

MATERIAL PMMA

USE Used to create customized prosthetic works by fusion. Made of a specific plastic easily workable, that keeps few residues after fusion. They are connected to the implants through retentive titanium screw (included in the packing)

DRIVER To screw the retentive screw use driver Hex. 1,20

TORQUE The use of a torque wrench is recommended. For temporary closings apply a force of 20-25 Ncm, for definitive closings apply 30-35 Ncm

NOTE Titanium retentive screw included.

	3,6	4	5
rotating	CCO36R00	CCO40R00	
not rotating	CCO36N00	CCO40N00	CCO60N00

Cementable abutments

MATERIAL Titanium grade 5 (Ti6Al4V)

USE Prosthetic structures to be used to support single crowns and bridgeworks

NOTE Only available for diameter 4 and 5

	3,6	4
H = 2 mm	MMC36N02	MMC40N02

Cementable plastic abutments

MATERIAL PMMA

USE Used to create customized prosthetic works by fusion. Fixable by cementation. Made of a specific plastic easily workable, that keeps few residues after fusion.

NOTE Only available for diameter 4 and 5

3,6	4
CCC36N00	CCC40N00

OVERDENTURE PROSTHETICS
Ball Attachment

RHEIN83 Srl CE 0434

MATERIAL Titanium with TiN coated

USE Systems for parallel solutions. The Sphero Flex attachments with mobile sphere are suitable in situations of non-parallelism not superior to 7,5°. Each packaging includes: one ball attachment, n° 2 soft retentive caps, n° 3 directional rings (0°, 7° e 14°) and one protective disc

DRIVER Use the digital driver for Sphero Block / Flex

NOTE Only available for diameters 4 and 5

		3,6	4
SPHERO BLOCK NORMO SPHERE Ø 2,5	H = 1 mm	002OTB361R	002OTB41R
	H = 2 mm	002OTB362R	002OTB42R
	H = 3 mm	002OTB363R	002OTB43R
	H = 4 mm	002OTB364R	002OTB44R
	H = 5 mm	002OTB365R	002OTB45R
	H = 6 mm	002OTB366R	002OTB46R
SPHERO BLOCK MICRO SPHERE Ø 1,8	H = 1 mm	003OTB361R	003OTB41R
	H = 2 mm	003OTB362R	003OTB42R
	H = 3 mm	003OTB363R	003OTB43R
	H = 4 mm	003OTB364R	003OTB44R
	H = 5 mm	003OTB365R	003OTB45R
	H = 6 mm	003OTB366R	003OTB46R
SPHERO FLEX SPHERE Ø 2,5	H = 1 mm	109OTB361R	109OTB41R
	H = 2 mm	109OTB362R	109OTB42R
	H = 3 mm	109OTB363R	109OTB43R
	H = 4 mm	109OTB364R	109OTB44R
	H = 5 mm	109OTB365R	109OTB45R
	H = 6 mm	109OTB366R	109OTB46R

Manual Wrench

MATERIAL Stainless steel

USE Used to screw Sphero Block and Sphero Flex ball attachments

NOTE Useful for all BTK and Biotec prosthetic platforms

3,6	4	5
	771CEF	

SUMMARY

		PROSTHETIC PLATFORM DIAMETER	3,6	
		HEALING SCREWS	GGO36C03 (H=3 mm) GGO36C04 (H=4 mm) GGO36C05 (H=5 mm) GGO36C06 (H=6 mm)	GGO40C03 (H=3 mm) GGO40C04 (H=4 mm)
		CAP TRANSFER	TTO36MN0	
		PICK-UP TRANSFER	ATO36MR0 (rotating) ATO36MN0 (not rotating)	ATO40MR0 (rotating)
		REPLICAS	AIO36I00	
		STRAIGHT ABUTMENTS	MMO36N02 (H=2 mm) MMO36N03 (H=3 mm) MMO36N04 (H=4 mm)	MMO40N02 (H=2 mm)
		ANGLED ABUTMENTS	MMP36N12 (α=15° H=2 mm) MMP36N13 (α=15° H=3 mm) MMP36N14 (α=15° H=4 mm) MMQ36N22 (α=25° H=2 mm) MMQ36N23 (α=25° H=3 mm) MMQ36N24 (α=25° H=4 mm)	MMP40N12 (α=15° H=2 mm) MMQ40N22 (α=25° H=2 mm)
		AESTHETIC ABUTMENTS	MEO36N01 (H=1 mm)	
		GOLD BASES	COO36R00 (rotating) COO36N00 (not rotating)	COO40R00 (rotating)
		PLASTIC ABUTMENTS	CCO36R00 (rotating) CCO36N00 (not rotating)	CCO40R00 (rotating)
		CEMENTABLE ABUTMENTS	MMC36N02 (H=2 mm)	
		CEMENTABLE PLASTIC ABUTMENTS	CCC36N00	
BALL ATTACHMENT		STRAIGHT ABUTMENTS		SPHERO BLOCK NORMO SPHERE Ø 2,5: 002OTB361R (H=1 mm) 002OTB364R (H=4 mm)
				SPHERO BLOCK MICRO SPHERE Ø 1,8: 003OTB361R (H=1 mm) 003OTB364R (H=4 mm)
				SPHERO FLEX SPHERE Ø 2,5: 109OTB361R (H=1 mm) 109OTB364R (H=4 mm)
		MANUAL WRENCH		

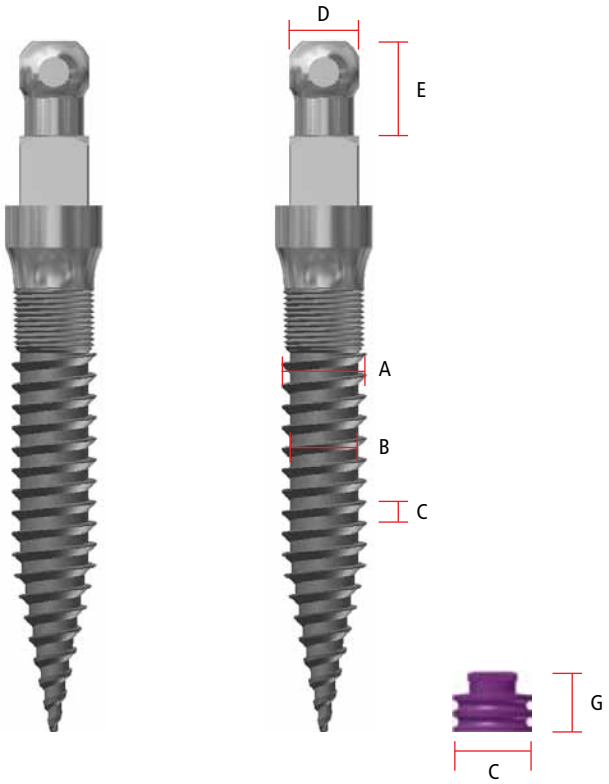
4	5
GGO40C05 (H=5 mm) GGO40C06 (H=6 mm)	GGO60C04 (H=4 mm)
TTO40MN0	TTO60MN0
ATO40MN0 (not rotating)	ATO60MN0 (not rotating)
AIO40I00	AIO60I00
MMO40N03 (H=3 mm) MMO40N04 (H=4 mm)	MMO60F00 (Fresabile)
MMP40N13 (α=15° H=3 mm) MMP40N14 (α=15° H=4 mm) MMQ40N23 (α=25° H=3 mm) MMQ40N24 (α=25° H=4 mm)	
MEO40N01 (H=1 mm)	MEO60N01 (H=1 mm)
COO40N00 (not rotating)	COO60N00 (not rotating)
CCO40N00 (not rotating)	CCO60N00 (not rotating)
MMC40N02 (H=2 mm)	
CCC40N00	
002OTB362R (H=2 mm) 002OTB363R (H=3 mm) 002OTB365R (H=5 mm) 002OTB366R (H=6 mm)	SPHERO BLOCK NORMO SPHERE Ø 2,5
003OTB362R (H=2 mm) 003OTB363R (H=3 mm) 003OTB365R (H=5 mm) 003OTB366R (H=6 mm)	SPHERO BLOCK MICRO SPHERE Ø 1,8
109OTB362R (H=2 mm) 109OTB363R (H=3 mm) 109OTB365R (H=5 mm) 109OTB366R (H=6 mm)	SPHERO FLEX SPHERE Ø 2,5
771CEF	

5
002OTB41R (H=1 mm) 002OTB42R (H=2 mm) 002OTB43R (H=3 mm) 002OTB44R (H=4 mm) 002OTB45R (H=5 mm) 002OTB46R (H=6 mm)
003OTB41R (H=1 mm) 003OTB42R (H=2 mm) 003OTB43R (H=3 mm) 003OTB44R (H=4 mm) 003OTB45R (H=5 mm) 003OTB46R (H=6 mm)
109OTB41R (H=1 mm) 109OTB42R (H=2 mm) 109OTB43R (H=3 mm) 109OTB44R (H=4 mm) 109OTB45R (H=5 mm) 109OTB46R (H=6 mm)

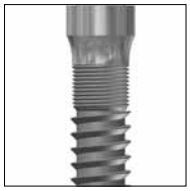
special implants

MINI

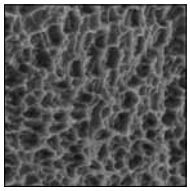
Special implant for the stabilization of removable dentures.




Prosthesis not required


Differentiated threading


Minimally invasive implant


DAES surface

A	B	C	D	E	F	G
IMPLANT DIAMETER	IMPLANT BODY DIAMETER	THREAD PITCH	O-BALL DIAMETER	INTRAMUCOSAL HEIGHT	CAP DIAMETER	CAP HEIGHT
1,9	1,6	0,5	1,8	4	4	3,25
2,5	1,9	1	1,8	4	4	3,25

All measurements are in millimeters

MINI ADVANTAGES ARE:

- Thin and minimally invasive implant
- Prosthesis not required
- Suitable for monofasic surgery
- Ideal for denture stabilization
- Useful as supporting implant to reduce early loading on traditional implants
- Realized in titanium grade 5

DIAMETER	COLLECTION	NOMINAL LENGHT	REFERENCE	RENDERING
1,9	10	IMI19100A	MINI DENTAL IMPLANT Ø 1,9 MM L. 10,0 MM	
	11,5	IMI19115A	MINI DENTAL IMPLANT Ø 1,9 MM L. 11,5 MM	
	13	IMI19130A	MINI DENTAL IMPLANT Ø 1,9 MM L. 13,0 MM	
	15	IMI19150A	MINI DENTAL IMPLANT Ø 1,9 MM L. 15,0 MM	
2,5	10	IMI25100A	MINI DENTAL IMPLANT Ø 2,5 MM L. 10,0 MM	
	11,5	IMI25115A	MINI DENTAL IMPLANT Ø 2,5 MM L. 11,5 MM	
	13	IMI25130A	MINI DENTAL IMPLANT Ø 2,5 MM L. 13,0 MM	
	15	IMI25150A	MINI DENTAL IMPLANT Ø 2,5 MM L. 15,0 MM	

The implant is supplied with titanium cap which is provided with retentive "O ring".

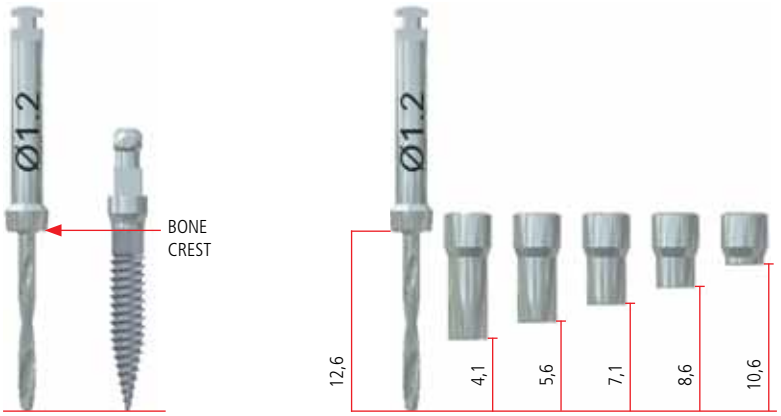
SURGICAL PROCEDURE

Implant planning

The use of the MINI implants is indicated for the stabilization of total removable dentures, when it's not possible to insert implants of bigger diameter. It's necessary to assure a mucous-prosthetic support or anyways to avoid the implant-prosthetic charge on the MINI implants.
During the surgical planning, the insertion of at least 4 or better 6 MINI implants, positioned the most parallel and equidistant possible, has to be considered. The potential inclination of each single implant, compared to the parallelism axis, doesn't have to exceed 8°; furthermore to be able to correctly position the retentive housings and to obtain a stable connection with the denture, a minimum distance not inferior to 7 mm has to be mantained between the holes of the implant. The MINI implant musn't support occlusal forces under any circumstances.
With bone D1-D2, the use of the MINI implant Ø 1,9 is more indicated.
With bone D3-D4 the use of the MINI implant Ø 2,5 is more indicated.

Implant positioning

The MINI implant is usually inserted in a surgical "under-prepared" site, proportionally to the bone density. In order to identify the most suitable implant according to the bone density, follow the instructions of the table in the below table. The table is indicative but also useful to the dentist in order to help him making all his evaluations.



The supplied metallic stops allow an adequate preparation of the implant site. They can be a valid help in depth pointing.

HOLE DEPTH	12,6 mm	10,6 mm	8,6 mm	7,1 mm	5,6 mm	4,1 mm
D4 (VERY SOFT)	-	-	2,5 X 15	2,5 X 13	2,5 X 11,5	2,5 X 10
D3 (SOFT)	-	2,5 X 15	2,5 X 13	2,5 X 11,5	2,5 X 10	-
D3 (SOFT)	-	-	-	1,9 X 15	1,9 X 13	1,9 X 11,5
D2 (COMPACT)	2,5 X 15*	2,5 X 13*	2,5 X 11,5*	2,5 X 10*	-	-
D2 (COMPACT)	-	1,9 X 15	1,9 X 13	1,9 X 11,5	1,9 X 10	-
D1 (VERY COMPACT)	1,9 X 15	1,9 X 13	1,9 X 11,5	1,9 X 10	-	-

* THE USE OF THE DRILL Ø 1,7 IS ESSENTIAL

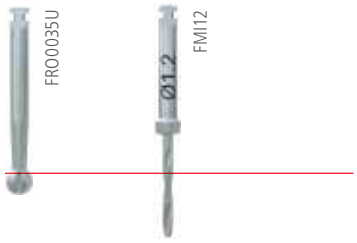
Surgical procedure warnings

To assure the patient the lowest painful post-operation course, as well as the reduction or absence of associated swellings, a minimum susceptibility to infections and injury recovery without complications, the surgery must be performed in a short amount of time, in respect of all tissues.
The following instructions must be observed during the preparation of the implant site:
- ensure sufficient cooling with pre-cooled physiological solution (5°C);
- check cutting instrument sharpness and always use them in ascending order (from the smallest diameter to the largest);
- observe the maximum number of rounds for each drill type;
- while drilling, combine a slight pressure with an alternating "up-down" movement every 1-2 seconds for a correct cooling action.

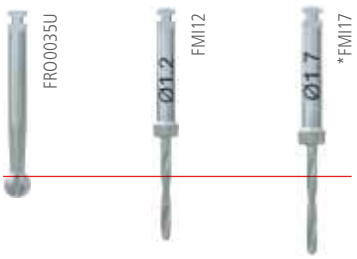
Surgical sequence

The below surgical sequence refers to a crestal positioning of an implant 11,5 mm long

IMPLANT ø 1,9



IMPLANT ø 2,5



* Use in case of compact bone (D1-D2)

Surgical procedure

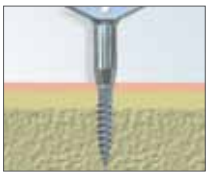
MUCOTOME OR FLAP
Use the mucotome Ø 2,3, which allows the passage of the insertion drivers, up to the reaching of the bone crest.Recommended speed: 40rpm. Differently, in order to have a better visibility on the bone crest, prepare the gingival flap through incision and scraping.

ROUND DRILL
The use of the round drill is recommended to create an invitation on the cortical bone, useful to the positioning of the subsequential drill.Recommended speed: 800-1000 rpm.

FINAL DRILLS
The mini implant is usually inserted in a surgical "under-prepared" site proportionally to the bone density. Drill making a "in-out" movement every 1-2 sec., without stopping the micromotor, to allow a continuous reflux of the precooled physiological solution issued with a deep external irrigation, therefore to have a correct cooling action and removal of bone residues.
Recommended speed: 800 - 1000 rpm.

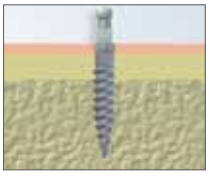
IMPLANT INSERTION
Manually take the MINI implant from its phial and screw it in the implant site using the pre-assambled plastic device. The mounting device can be removed only after the reaching of an adequate stability in the implant site.

IMPLANT MANUAL SCREWING
Complete the screwing slowly using the apposite connection applied to the handpiece, proceed slowly (max. 15rpm) fixing the screwing limit at 35 Ncm. In the event that the limit occurs, DO NOT FORCE in order not to break the MINI implant; it is recommended to remove the impalnt from the site and repeat the drilling operation increasing the depth.
If the implant can't be inserted either when the depth of the drilling matches the lenght H, then it is necessary to repeat the drilling using a drill with a lightly larger diameter. (Ø1,7mm drill).
ATTENTION! Do not try to insert the Ø2,5mm MINI implant in compact bone (D1).



MINI IMPLANT SCREWING WITH HANDPIECE
Complete the screwing using the apposite connection connected to the handpiece, proceed slowly (max 15 rpm) fixing the screwing limit at 35 Ncm. If reached this limit it's preferable NOT TO FORCE in order not to risk to break the MINI implant; it's better to remove the implant from the site and repeat the drilling operation increasing the depth.
If it's not possible to insert the MINI implant also when the depth of drilling corresponds to the lenght H it's necessary to repeat the operation of drilling with a drill of larger diameter (drill Ø 1,7).
ATTENTION! Don't try to insert the MINI implant Ø 2,5 in compact bone (D1).

LEVEL AND POSITIONING
In order to reach a proper positioning level, all threads of the MINI implant should be completely overwhelmed in the bone crest, while the square at the base of the sphere should emerge, at least partially, from the gingival profile in order to avoid a possible compression of the soft tissues due to retentive caps.



FINAL POSITIONING PHASE
Place all implants following the previously prepared planning. If a gingival flap has been executed, then close it through suitable suture.

Prosthetics for special implants

Spare retentive cap with or

MATERIAL Titanium grade 5 (Ti6Al4V)
USE Cap with OR 70-80 Shore to be placed inside the denture.

1,9	2,5

COR1770

Spare or 70-80 Shore

MATERIAL NBR
USE To be used in case of wear of the OR which have been inserted inside the retentive caps. OR density: 70-80 Shore
NOTE Kit of 6 pieces

1,9	2,5

OR3570

Straight Abutment

MATERIAL Titanium grade 5 (Ti6Al4V)
USE Cementable straight abutment to be used when the implant works as a section-breaker support on a bar.

1,9	2,5

MMI17H1

Angled Abutment

MATERIAL Titanium grade 5 (Ti6Al4V)
USE Cementable 15° angled abutment to be used when the implant works as a section-breaker support on a bar.

1,9	2,5

MMI1715

Castable - Transfer

MATERIAL PMMA
USE To be used as a plastic abutment in order to realize an abutment through fusion, or as a transfer for the impression taking.

1,9	2,5

CMI17

Implant replicas

MATERIAL Stainless steel
USE To be inserted in the choke model as implant replica

1,9	2,5

AMI17

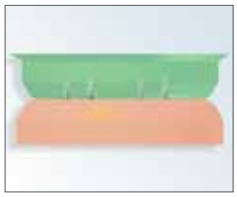
IMPRESSION TAKING AND DENTURE DEVELOPMENT

Insert the castable-transfer on the MINI implant ensuring the perfect coupling between the parts. Take the impression with the appropriate material and the individual impression tray.

Wait up to the sufficient hardening of the material and extract the impression from the oral cavity with the castable-transfer, ensuring the perfect connection of the parts.

Develop the plaster model.

Realize the removable denture including the retentive caps positioned on the spheres of implant replicas, considering a wide mucous-prosthetic support. Place the prosthetic device in the patient mouth, after all appropriate checkings. Particular attention has to be paid to the correct mucous-prosthetic support also in the subsequent periodical controls, potentially making the denture relining.




INSERTION OF RETENTIVE CAPS ON THE EXISTING DENTURE

In the existing denture, realize some cavities in which retentive caps will be inserted, in correspondence of MINI implants spheres.

Insert the retentive caps on the MINI implants spheres and place the denture in the patient's mouth in order to verify the correct positioning and support, making the necessary adjustments.

Once removed denture and caps, protect the mucous with dams to avoid a contact of the resin with tissues in the next phase. Reposition retentive caps. Fill cavities previously prepared in the denture with autopolimerizing resin and insert it in the patient's mouth, then close without excessive compression.

At the end of the polimerization phase, remove denture and dams. Check and finish potential exceeds of resin off. Particular attention has to be paid to the correct mucous-prosthetic support also in the subsequent controls, possibly making the denture refining.
Then position the denture in the patient's mouth.



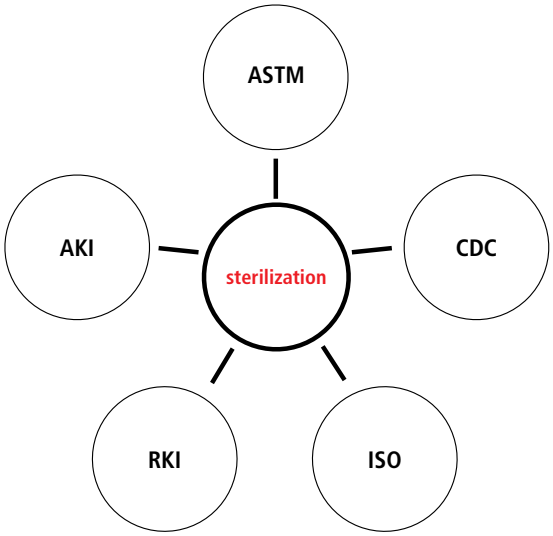

instruments and **surgical kits**

STERILIZATION PROCESS

An adeguate and careful sterilization process has the purpose to safeguard the health of patients and of all the people who work in the studio. If these processes have been correctly followed, they will exalt the qualitative performances of instruments and they will protract their efficiency through time.

This information is based on experience and testings performed by Biotec, on Material Science and on the fully accepted recommendations from the following Organizations:

- *American Society for Testing and Materials (ASTM)*
- *Centers for Disease Control (CDC)*
- *German Instrument Working Group (AKI)*
- *International Standards Organization (ISO)*
- *Robert Koch Institute (RKI)*



IMPORTANT

These instructions describe the necessary processing stages for all new and old Biotec instruments in order to become sterile.

Each instrument has to be disinfected, cleaned and sterlized before every use, also before the disposal.

Universal precautions have to be observed from the staff which works with infected or potentially infected medical devices. Particular attention has to be paid while handling sharp or cutting devices.

While handling infected or potentially infected materials, devices and equipments, it is necessary to wear a personal protective equipment (PPE), which includes gown, mask, safety goggles, gloves and shoe covers.

For a correct sterilization process follow the phases below:

1 DISINFECTION
2 CLEANING
3 DRYING
4 STERILIZATION
5 STORAGE

1 Disinfection

The purpose of this stage is the disinfection of all potentially infected instruments. Remove excess liquids and body tissues with a disposable and downless cloth. Place the instruments in a bowl of distilled water or on a tray covered with soft sheets. **It is fundamental to clean all instruments within 30 minutes after use, in order to minimize the risk of drying before cleaning**. In fact, if blood residues, organic liquids, bone and tissues debris, salin solution or disinfectants on used instruments are prevented from being dried, all cleaning phases will be simplified.

It is necessary to fully immerse the instruments in the enzymic solution for 20 minutes.

It is important to select the enzymic solution according to blood, liquids and organic tissues dissection. The reprocessing minimally affects reusable Biotec manual instruments, if instructions for use of this catalogue will be rigorously respected. Therefore, the lifespan of stainless steel (or another metal) instruments doesn't depend on reprocessing, but rather on usury and on the damages caused by the planned surgical use.

Advices

Neutral pH cleaning and zymotic agents are recommended for the cleaning of reusable devices. Stainless steel instruments can be cleaned using alkaline agents with pH 12 or lower in Countries where it is allowed according to local decrees or laws, or in Countries where prion diseases such as transmissible spongiform encephalopathy (TSE) and Creutzfeldt-Jakob disease (MCJ) are present. **Alkaline cleaning agents must be completely and carefully neutralized by rinsing all devices.**

If dry-dust cleaning agents are used, make sure that they are fully melted before starting using them, in order to avoid instruments coloration or corrosion.

The immersion in proteolytic enzyme solution helps in particular the cleaning of all instruments with complex structures and hardly accessible areas (e.g. cannulated or tubular structures, etc.). These enzymic solutions decompose the proteinic substance and prevent haematic or proteinic materials from drying on the instruments. For the preparation and the employment of these solutions, meticulously comply with the producer's instructions for use.

Recommendations

Do not use any salin solution or cleaning and disinfection agent which can contain aldehydes, mercury, active chlorine, **bromine**, **iodine** or **iodide**, as they are corrosive.
Instruments do not have to be settled or immerse in **Ringer's solution**.

Do not use mineral **oils or silicone lubricants** as they cover microorganisms, prevent the direct contact of the surface with vapour and are hardly removable.

Do not use mineral oils or silicone lubricants as they cover microorganisms, prevent the direct contact of the surface with vapour and are hardly removable. For the inspection of specific viruses, the phase of disinfectants immersion can be necessary. However, these agents may discolour or corrode instruments (bleach for domestic use contains or forms chlorine and chloride in solution and has a very similar corrosive effect to that of salin solution). Disinfectants which contain glutaraldehyde or other aldehydes may denature protein polluting substances causing their hardening and making them hard to remove. Therefore, if possible, avoid the immersion in disinfectants.

Attention

- Disinfect together only the instruments of the same material
- Do not heat the disinfectant solution up (mantaining it room temperature)
- Always wear protective gloves when handling polluted instruments!

2 Cleansing

After decontamination, all instruments must be washed as they may present organic traces that have to be totally removed. The cleaning can be manual or automate.
Anyway, a complete, manual or a combined manual/automate cleaning-process is recommended, as an exclusively automate cleaning system can't be efficient for instruments with lights, blind cavities, close surfaces and other complex structures.

Manual cleaning
During the manual cleaning it is necessary not to use too foamy surface-active cleaning agents in order to enable the instruments to be visible in the washing solution.
Use a small brush with soft nylon bristles and carefully brush the device untill the visible dirty has been removed. Pay particular attention to cracks, lights, close surfaces, connectors and other areas which are hardly cleanable. Lights have to be cleaned with a long and thin brush with soft bristles (interdental brush). Instruments manual brushing must imply the immersion of both brush and instrument in the cleaning solution to avoid the formation of aerosol and squirts that can spread pollutants.
Afterwards, the cleaning agents must be completely and easily rinsed from the surface of the devices in order to avoid the accumulation of detergent traces.

Automate cleaning
The automate cleaning allows the insertion of the prepared cleaning agents inside a sonicator.
Fully dip the device in the washing solution and sonicate for 10 minutes at 45-50 kHz.
Rinse all instruments in purified water for at least 3 minutes or until all residues of blood, dirt and rinsing water have been removed.
Completely and abudantly irrigate all lights, cavities and other hardly accessible areas.
Repeat the sonication and rinse as previously described.

Attention

- If possible, multi-component instruments need to be dismantled in order to be cleaned. The necessity of dismantling is generally evident. Be careful not to lose small components.
- Instruments must be removed from metal trays. Do not clean instruments on polymeric trays. Trays, cases and instruments lids must be separately cleaned from instruments.
- During the automate wash, be careful that the instruments don't come into contact in order to avoid rubbing and consequent damages.

NOTE
Drills must be carefully inspected after the processing with alkaline cleansers, in order to enable sharp edges to be suitable for the use.

NOTE
If stainless steel instruments are stained or corroded, the use of an anti-corrosive acid agent in a ultrasound cleaning system may be sufficient to remove surface deposits. Pay particular attention to completely rinse the acid out of devices.
Acid and anti-corrosive agents must be used only if necessary.

3 Rinse and drying

After manual cleansing or through ultrasound treatment, it is necessary to carefully rinse all instruments with water in order to fully remove the biological residues detached after cleaning and all traces left by cleaning solution.

Remove excessive moisture from the instruments with a clean, blotting and downless cloth, or with a disposable napkin in order to avoid the appearance of oxidation remainings.

4 Packaging and sterilization

After a careful optical inspection of all instruments, it is necessary to proceed with sterilization.
Steam/autoclave sterilization is recommended for the sterilization of Biotec instruments.

Sterilization is normally made with autoclave, through steam sterilization at a temperature of 121°C (250°F). Biotec instruments can be sterilized individually or inside the drilled surgical box, sealed in a sterile plastic or paper bag.

Dry heat sterilization method is NOT recommended for reusable Biotec instruments.

Attention

- Do not insert oxidized or rusted instruments as they may cause water cycle contamination, inducing rust intake on undamaged instruments in the subsequent sterilizations.
- To achieve a better cleaning, dismantle moving parts (detach metallic stops from drills and unscrew the torque wrench).
- Sterilize in the same cycle only instruments of the same material.
- The use of steam sterilization (and not chemical or dry heat sterilization) is recommended.

NOTE

**Titanium devices and alloys are particularly subject to heat variation due to steam impurities and detergent residues which produce multicoloured surface layers of oxide deposits.
After several sterilizations, these oxide layers, even if not injurious for the patient, may become so dark that they may hide graduation marks, batch numbers and other printed or inscribed information. In order to remove colour alteration, acid or anticorrosive agents can be used. Avoid the frequent use of these agents.**

NOTE

Avoid the use of hard water. For the initial rinsing it is possible to use softened running water. For the final rinsing use purified water to avoid the mineral deposit on the instruments. To purify water, it is possible to use the following methods: ultrafiltering (UF), reverse osmosis (RO) or equivalent methods.

5 Storage

After sterilization, instruments must be dried before being storaged. Sterlized bags must be kept in a dry place, not exposed to dust or to direct heat source or sunlights.
When the maximum storage period (from 30 to 60 days according to the bag type used) has expired, it is necessary to sterilize instruments again.

INSTRUMENTS FOR BTK IMPLANTS

Drills for initial preparation

MATERIAL Tempered stainless steel
USE Used to create a lead hole on the cortical bone, which is useful to position the tip of the pilot drill. External irrigation.

	BT KLASSIC	BT KONIC	BT EVO DL	8NECK	8FORM
round drill	401HS200				
blade drill	401HS201 *				

* included in the surgical kit

Pilot Drills

MATERIAL Tempered stainless steel
USE Used to create a pilot hole. Laser marks correspond to the lenght of the implant that has to be inserted. As for 8NECK and 8FORM range, laser marks correspond to the lenght of the trated area. External irrigation. Pilot drills L=39 mm and L=36 mm can be used with metallic stops.

BT KLASSIC	BT KONIC	BT EVO DL	8NECK	8FORM
407HR200 (L = 39 mm, Ø 2,0 mm) *			408HR220 (L = 36 mm, Ø 2,2 mm) *	
407HS200 (L = 32,5 mm, Ø 2,0 mm)			408HL220 (L = 41 mm, Ø 2,2 mm)	
		407HR230 (L = 39 mm, Ø 2,3 mm) *	408HR280 (L = 36 mm, Ø 2,8 mm) *	
		407HS230 (L = 32,5 mm, Ø 2,3 mm)	408HL280 (L = 41 mm, Ø 2,8 mm)	

* included in the surgical kit

Metallic stops for drills

MATERIAL Stainless steel
USE Metallic stops must be used with L = 39 mm or L = 36 mm pilot drills
NOTE Included in the surgical kit

BT KLASSIC	BT KONIC	BT EVO DL	8NECK	8FORM
515NA011 (H = 15 mm)			515NA004 (H = 12 mm)	
515NA010 (H = 13 mm)			515NA003 (H = 10 mm)	
515NA009 (H = 11,5 mm)			515NA002 (H = 8 mm)	
515NA008 (H = 10 mm)			515NA001 (H = 6 mm)	
515NA007 (H = 8,5 mm)				
		515NA006 (H = 7 mm)		
		515NA005 (H = 5,5 mm)		

Metallic stops kit

MATERIAL Stainless steel
USE Metallic stops must be used with L = 39 mm or L = 36 mm pilot drills
NOTE The kit code 690NA004 contains codes 515NA005, 515NA006, 515NA007, 515NA008, 515NA009, 515NA010, 515NA011. The kit code 690NA021 contains codes 515NA001, 515NA002, 515NA003, 515NA004.

BT KLASSIC	BT KONIC	BT EVO DL	8NECK	8FORM
690NA004			690NA021	

Parallelism pins

MATERIAL Titanium grade 5 (Ti6Al4V)
USE Used to check the parallelism of the pilot hole

BT KLASSIC	BT KONIC	BT EVO DL	8NECK	8FORM
540MA003 (Ø = 2,0 mm) *		540MA006 (Ø = 2,0 - 2,3 mm) *	540MA001 (Ø = 2,2 mm) *	
		540MA004 (Ø = 2,3 mm)		

* included in surgical kit

Depth gauge

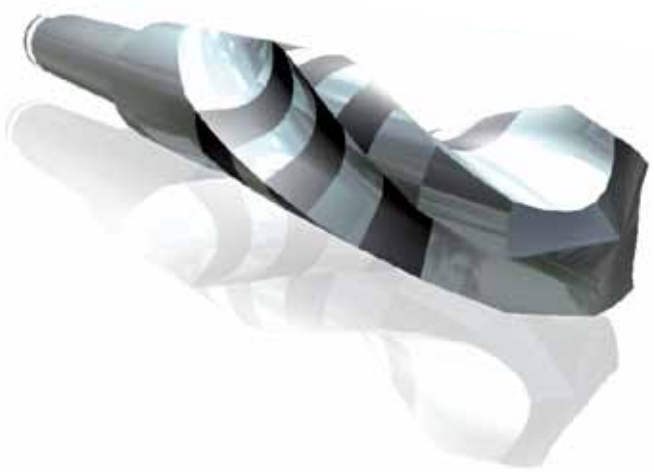
MATERIAL Titanium grade 5 (Ti6Al4V)
USE Used to check the correct depth of the pilot hole

BT KLASSIC	BT KONIC	BT EVO DL	8NECK	8FORM
540MA008 *			540MA001 *	
		540MA002 (Ø = 2,3 mm 30°)		

* included in the surgical kit

PROdrill TECHNOLOGY

Not only Biotec manufactures dental implants, but has also acquired significant know-how in the production of drills. The implementation of a fully-automated avant-garde system guarantees maximum sharpening precision and repeatability on the rotating tools produced.
This feature, together with the balancing and geometry of the spiral cut, convey the drills for BTK implants (except for TWO and MINI) a high performance level, as they are marked with large grooves that enable the homogenous diffusion of the physiological cooling solution during preparation and the collection of bone residues in the drills themselves at the end of preparation.
PROdrill technology has been applied to the apical part of these drills: the particular cut-geometry set up for the conical hammer blades ensures that the drill delicately slides into the depth set in advance by the pilot instrument, and then it stops without proceeding further, as the tip is not sharp. This allows the user to progressively widen the implant site in totally safe conditions, significantly saving time and stress.



PROdrill

Pro-Drills advantages

- Blunt tip
- High wear resistance
- Maximum sharpening precision
- Atraumatic and uninvasive
- Significant effort-reducing during drilling process
- High performances even in compact bone

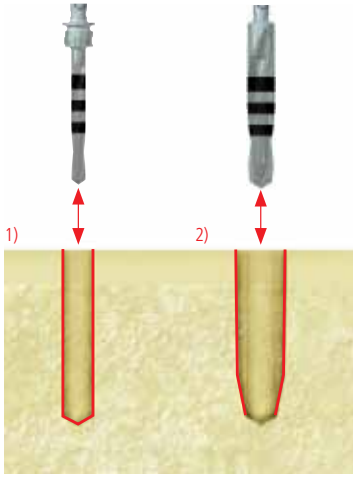
Characteristics

Drills treated with Pro-Drill technology are characterized by a great versatility. This feature enables the insertion of all implant ranges with a small number of drills, in full respect of bone biology.

Pro-Drill principle

1) PILOTE HOLE
Use Ø2.0 pilot drill to create a cylindrical hole of the desired depth, marked by reference marks, or by using the specific screwable stops.

2) ENLARGEMENT OF THE HOLE
Subsequently, proceed with final drills to enlarge the hole; each drill will stop upon reaching the depth prepared with the pilot drill. Overpreparation only concernes the pilot drill and it doesn't increase afterwards.



Bone collection

After reaching the final depth, if it is necessary to recover a little bone for regeneration, we recommend:

1) to remove the irrigation;

2) to rotate the drill slowly at the minimum revolutions possible and, at the same time, to extract the drill from the site;

3) to collect the bone from the drill using a non-aggressive tool in order to avoid damages to the sharpening.

Pro-Drills (regular version)

MATERIAL Tempered stainless steel

USE Used to enlarge the implant site. Laser marks correspond to the lenght of the implant that has to be inserted. External irrigation. "L" indicates the total lenght of the drill

L = 39 mm

BT KLASSIC
407HR250 (Ø = 2,5 mm) *
407HR290 (Ø = 2,9 mm) *
407HR320 (Ø = 3,2 mm) *
407HR380 (Ø = 3,8 mm) *
407HR420 (Ø = 4,2 mm) *

L = 39 mm

BT EVO
407HR270 (Ø = 2,7 mm)
407HR300 (Ø = 3 mm) *
407HR320 (Ø = 3 mm) *
407HR400 (Ø = 4 mm) *
407HR420 (Ø = 4,2 mm) *

L = 36 mm

BT KONIC
406HR270 (Ø = 2 mm - 2,7 mm) *
406HR310 (Ø = 2 mm - 3,1 mm) *
406HR350 (Ø = 2,5 mm - 3,5 mm) *
406HR420 (Ø = 3,7 mm - 4,2 mm) *
433HS280 (PILOT Ø = 2,8 mm) *

* included in the surgical kit

Pro-Drills (short version)

MATERIAL Tempered stainless steel

USE Used to enlarge the implant site. Laser marks correspond to the lenght of the implant that has to be inserted. External irrigation. "L" indicates the total lenght of the drill

L = 32,5 mm

BT EVO DL INT
407HS300 (Ø = 3 mm)
407HS320 (Ø = 3,25 mm)
407HS400 (Ø = 4 mm)
407HS420 (Ø = 4,2 mm)

Pro-Drills (long version)

MATERIAL Tempered stainless steel

USE Used to enlarge the implant site. Laser marks correspond to the lenght of the implant that has to be inserted. External irrigation. "L" indicates the total lenght of the drill

L = 41 mm

8NECK
408HL350 (Ø = 3,5 mm)
408HL420 (Ø = 4,2 mm)

Twist drills with cutting apex

MATERIAL Tempered stainless steel

USE Used to enlarge the implant site. Laser marks correspond to the lenght of the implant that has to be inserted. External irrigation. "L" indicates the total lenght of the drill

L = 36 mm

8NECK
408HR350 (Ø = 3,5 mm) *
408HR420 (Ø = 4,2 mm) *

L = 36 mm

8FORM
409HR360 (Ø 3,6 mm) *
409HR440 (Ø 4,4 mm) *

* included in the surgical kit

NEW! Pro-Drills with metallic stops (regular version)

WHAT'S NEW Drills with PRO-DRILL technology (blunt tip); they are also arranged for special screwable metallic stops (separately supplied)

ADVANTAGES The metallic stop can be screwed on all drills and also on the pilot drills 407HR200 and 407HR230; different retention system; versatile procedure; it enables to check the drilling depth during the whole surgical procedure; greater security in case of D3-D4 bone quality

MATERIALE Tempered stainless steel

USE Used to enlarge the implant site. Laser marks correspond to the lenght of the implant that has to be inserted. External irrigation. "L" indicates the total lenght of the drill.

	BT KLASSIC	BT EVO DL
L = 39 mm	410HR250 (Ø = 2,5 mm)	
	410HR270 (Ø = 2,7 mm)	
	410HR290 (Ø = 2,9 mm)	
	410HR300 (Ø = 3,0 mm)	
	410HR320 (Ø = 3,2 mm)	

NEW! Metallic stops for drills - Screwed+retentive version

MATERIAL Stainless steel

USE Metallic stops must be used with the pilot drills 407HR200 and 407HR230 and with all drills with PRO-DRILL technology provided with metallic stop

NOTE Double retention system: screwing and interference; no possibility of unscrewing during the drilling procedure.

	BT KLASSIC	BT EVO DL
L = 39 mm	517NA150 (H = 15 mm)	
	517NA130 (H = 13 mm)	
	517NA115 (H = 11,5 mm)	
		517NA700 (H = 7 mm)
		517NA550 (H = 5,5 mm)

NEW! Metallic stops for drills - Screwed+retentive version

MATERIAL Stainless steel

USE Metallic stops must be used with the pilot drills 407HR200 and 407HR230 and with all drills with PRO-DRILL technology provided with metallic stop

NOTE The surgical kit code 690NA055 includes codes 517NA550, 517NA700, 517NA850, 517NA100, 517NA115, 517NA130, 517NA150.

BT KLASSIC	BT EVO DL
690NA055	

Drills extension

MATERIAL Tempered stainless steel
USE It extends the lenght of the drills of about 19 mm

BT KLASSIC	BT KONIC	BT EVO DL	8NECK	8FORM
		520HS001		

Counterbore (for D1-D2 bone)

MATERIAL Tempered stainless steel
USE Used to create a space in the cortical part for the neck of the implant that will be inserted

L = 27 mm

BT KLASSIC INT
430HS321 (Ø = 3,25 mm) *
430HS321 (Ø = 3,75 mm) *
430HS420 (Ø = 4,25 mm) *
430HS500 (Ø = 5 mm) *

L = 27 mm

BT KLASSIC EXT
430HS320 (Ø = 3,25 mm) *
430HS322 (Ø = 3,25 mm PL) *
430HS370 (Ø = 3,75 - 4 mm) *
430HS370 (Ø = 3,75 - 4 mm) *
430HS500 (Ø = 5 mm) *

L = 27 mm

BT KONIC INT
433HS375 (Ø = 3,75 mm) *
433HS405 (Ø = 4 mm) *
433HS500 (Ø = 5 mm) *
433HS405.R (Ø = 4 mm) *
433HS500.R (Ø = 5 mm) *

L = 27 mm

BT KONIC EXT
433HS340 (Ø = 3,25 mm) *
433HS405 (Ø = 4 mm) *
433HS500 (Ø = 5 mm) *
433HS405.R (Ø = 4 mm) *
433HS500.R (Ø = 5 mm) *

L = 26 mm

BT EVO DL EXT/INT
431HS330 (Ø = 3,3 mm) *
431HS331 (Ø = 3,3 mm SP) *
431HS400 (Ø = 4 mm) *
431HS401 (Ø = 4 mm SP) *
431HS500 (Ø = 5 mm) *
431HS501 (Ø = 5 mm SP) *

L = 25 mm

8NECK
432HS330 (Ø = 3,3 mm) *
432HS410 (Ø = 4,1 mm) *
432HS480 (Ø = 4,8 mm) *

L = 34 mm

8NECK
432HR330 (Ø = 3,3 mm)
432HR410 (Ø = 4,1 mm)
432HR480 (Ø = 4,8 mm)

L = 25 mm

8FORM
432HS330 (Ø = 3,3 mm) *
432HS410 (Ø = 4,1 mm) *
432HS480 (Ø = 4,8 mm) *

L = 34 mm

8FORM
432HR330 (Ø = 3,3 mm)
432HR410 (Ø = 4,1 mm)
432HR480 (Ø = 4,8 mm)

* included in the surgical kit

Tapping screws (for D1-D2 bone)

MATERIAL Tempered stainless steel

USE To be used in compact bone to create the threading for the implant insertion. They can be used with handpiece or connected to manual drivers

TORQUE Maximum recommended torque: 25 Ncm

L = 36 mm

BT KLASSIC
461HR320 (Ø = 3,25 mm) *
461HR370 (Ø = 3,75 mm) *
461HR400 (Ø = 4 mm) *
461HR420 (Ø = 4,25 mm) *
461HR500 (Ø = 5 mm) *

L = 35 mm

BT KONIC
462HR325 (Ø = 3,25 mm) *
462HR400 (Ø = 4 mm) *
462HR500 (Ø = 5 mm) *

L = 34 mm

BT EVO DL
463HR330 (Ø = 3,3 mm) *
463HR400 (Ø = 4 mm) *
463HR500 (Ø = 5 mm) *

L = 31 mm

8NECK
464HS330 (Ø = 3,3 mm) *
464HS410 (Ø = 4,1 mm) *
464HS480 (Ø = 4,8 mm) *

L = 34 mm

8NECK
464HR330 (Ø = 3,3 mm)
464HR410 (Ø = 4,1 mm)
464HR480 (Ø = 4,8 mm)

L = 34 mm

8FORM
465HR330 (Ø = 3,3 mm) *
465HR410 (Ø = 4,1 mm) *
464HR480 (Ø = 4,8 mm) *

* included in the surgical kit

Manual wrenches

MATERIAL Tempered stainless steel

USE They are used manually or connected to the reversible torque wrench for the following instruments:
- implant insertion drivers (or mounting devices) for BT EVO DL implants;
- tapping screws, for a manual tapping.

Maximum mechanical force to apply: 100 Ncm.

	BT KLASSIC	BT KONIC	BT EVO DL	8NECK	8FORM
L = 14 mm	530JD010				
L = 11 mm	530JD009 *				
L = 7 mm	530JD008				

* included in surgical kit

Implant driver for handpiece

MATERIAL Tempered stainless steel

USE It allows to pick the implant up from the phial, to insert and screw it directly into the implant site with handpiece. Maximum mechanical force to apply: 50 Ncm with handpiece.

BT KLASSIC	BT KONIC	BT EVO DL	8NECK	8FORM
		530HS001		

OCTA abutment insertion device

MATERIAL Tempered stainless steel

USE It allows to pick the octa abutment up and to manually insert it on the implant or by using the reversible torque wrench

NOTE Included in the surgical kit

8NECK	8FORM
530JD013	

Solid abutment insertion device

MATERIAL Tempered stainless steel

USE It allows to pick the solid abutment up and to manually insert it on the implant or by using the reversible torque wrench

	8NECK	8FORM
L = 14 mm	530JD001 *	
L = 19 mm	530JD002	

* included in surgical kit

Implant insertion device

MATERIAL Tempered stainless steel

USE It allows to pick the BT EVO DL implant up from the phial, to insert and screw it directly into the implant site without the traditional mounting device. It can be used with handpiece or connected to manual drivers. Maximum mechanical force to apply: 50 Ncm.

	BT EVO DL INT
L = 30 mm	530HS008 *
L = 26 mm	530HS009

* included in surgical kit

	BT EVO DL EXT					
	3,3	3,3 SP	4	4 SP	5	5 SP
L = 26 mm	530HS006		530HS007			
L = 32 mm	530HS010 *		530HS011 *			

NEW!

Extraction device

MATERIAL Tempered stainless steel

UTILIZZO It enables the removal of the friction-fit abutment from the implant after its definitive closure. It can be used manually or by connection to the reversible torque wrench.

Instructions for use:
1. Remove the abutment retention screw by using the driver hex. 1,20;
2. Screw the extraction device in the internal threading of the friction-fit abutment;
3. When the extraction device has completely been screwed, it will apply a traction force which consequently prevents the abutment from creating friction on the internal sides of the implant, enabling therefore its removal

IR	IM	IW
	530JD017	

Digital Driver hex. 1,20

MATERIAL Tempered stainless steel

USE Used to screw the cover screws of all implants with external hexagon and the lingual screws of aesthetic abutments

TORQUE Maximum recommended torque: 35 Ncm

	BT KLASSIC	BT KONIC	BT EVO DL	8NECK	8FORM
L = 5 mm	530JD003				
L = 10 mm	530JD004				
L = 14 mm	530JD005 *				
L = 20 mm	530JD006				
L = 30 mm					

* included in the surgical kit

Digital Driver hex. 0,90

MATERIAL Tempered stainless steel

USE Used to screw the cover screws of all implants with external hexagon and the lingual screws of aesthetic abutments

TORQUE Maximum recommended torque: 35 Ncm

	BT KLASSIC	BT KONIC	BT EVO DL	8NECK	8FORM
L = 10 mm	530JD011				
L = 13 mm	530JD012 *				

* included in the surgical kit

NEW! Driver for handpiece hex. 1,20

MATERIAL Tempered stainless steel
USE Used to screw through handpiece all BTK screws (except for the cover screws for implants with external hexagon connection)
TORQUE Maximum torque recommended: 35 Ncm

	BT KLASSIC	BT KONIC	BT EVO DL	8NECK	8FORM
L = 22 mm	530HS004				
L = 30 mm	530HS005				

NEW! Driver for handpiece hex. 0,90

MATERIAL Tempered stainless steel
USE Used to screw the cover screws for implants with external hexagon connection and the lingual screws for aesthetic abutments
TORQUE Maximum torque recommended: 35 Ncm

	BT KLASSIC	BT KONIC	BT EVO DL	8NECK	8FORM
L = 22 mm	530HS002				
L = 30 mm	530HS003				

NEW! Adapter for instruments with 3x3 connection square

MATERIAL Stainless steel
USE When used together with instruments provided with 3x3 connection square, it enables to suit them to the reversible torque wrench code 501JD002
TORQUE Maximum torque recommended: 30 Ncm

	BT KLASSIC	BT KONIC	BT EVO DL	8NECK	8FORM
L = 10 mm	530JD016				

Guide bar

MATERIAL Tempered stainless steel
USE Used to guide digital and manual drivers during the screwing or unscrewing phase
NOTE Included in the surgical kit

BT KLASSIC	BT KONIC	BT EVO DL	8NECK	8FORM
502MA002				

Straight fixed wrench

MATERIAL Tempered stainless steel
USE Used to fix the mounting device while unscrewing its retentive screw

BT KLASSIC	BT KONIC	BT EVO DL	8NECK	8FORM

502MA001

30° fixed wrench

MATERIAL Stainless steel
USE Used to fix the mounting device while unscrewing its retentive screw. 30° angulation facilitates its employment particularly in the rear area
NOTE Included in the surgical kit

BT KLASSIC	BT KONIC	BT EVO DL	8NECK	8FORM

502MA003

Reversible torque wrench

MATERIAL Stainless steel
CHARACTERISTICS The correct screw tightening improves the coupling between components and implant, reducing any risk of unscrewing, taking advantage of th elasticity of the materials, avoiding the risk of overscrewing. During the insertion of the implant, the torque control is very important in order to exceed the resistance of the bone during the implant positioning and to tighten the implant with the recommended torque, obtaining the maximum precision during the insertion
USE Used for the correct tightening of the screws. It enables to check the torque value, from 15 to 35 Ncm
TORQUE Maximum recommended torque: 50 Ncm
NOTE Included in the surgical kit

BT KLASSIC	BT KONIC	BT EVO DL	8NECK	8FORM

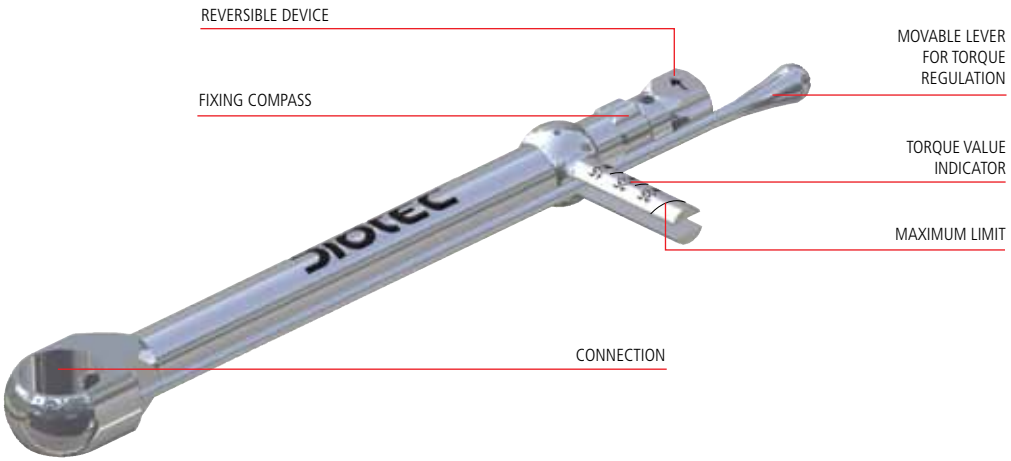
501JD002

REVERSIBLE TORQUE WRENCH

Technical features

Realized in STAINLESS steel.
Used for the correct tightening of the screws. It enables to check the torque value, from 15 to 35 Ncm. The correct screw tightening improves the coupling between components and implant, reducing any risk of unscrewing, taking advantage of th elasticity of the materials, avoiding the risk of overscrewing. During the insertion of the implant, the torque control is very important in order to exceed the resistance of the bone during the implant positioning and to tighten the implant with the recommended torque, obtaining the maximum precision during the insertion.

MAXIMUM TORQUE APPLICABLE TO THE WRENCH: 100 Ncm



Operating mode

To achieve the desired torque, apply a force on the lever until it reaches the torque value needed, as indicated in the picture below. The instrument is marked with a scale of torque values from 15 to 35 Ncm (value 20 Ncm and 30 Ncm are not indicated with numbers, but with a line).
The line after the value 35 Ncm indicates the maximum limit of lever flexibility.
Do not exceed this limit in order to keep the calibration.

ATTENTION!
Before using the torque function, make sure that the arrow of the inversion device is turned towards the regulation movable lever.


15 Ncm

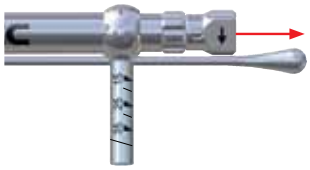

25 Ncm


35 Ncm

For a correct use of the wrench, follow some simple indications:
- the wrench must be used carefully
- during the tightening phase, apply the desired force only on the movable lever; if you apply a force to the wrench body, it is possible to obtain an excessive force on the implant thus damaging the implant site.

Reversible device

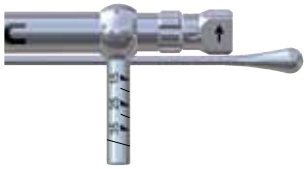
One of the main features of the Reversible Torque Wrench is the possibility to reverse the rotation sense with a simple step. The arrow on the device will indicate in which sense you are working at all times.



Step 1
extract the reverse device

ATTENTION! Before reversing, check that the fixing compass has been completely closed.

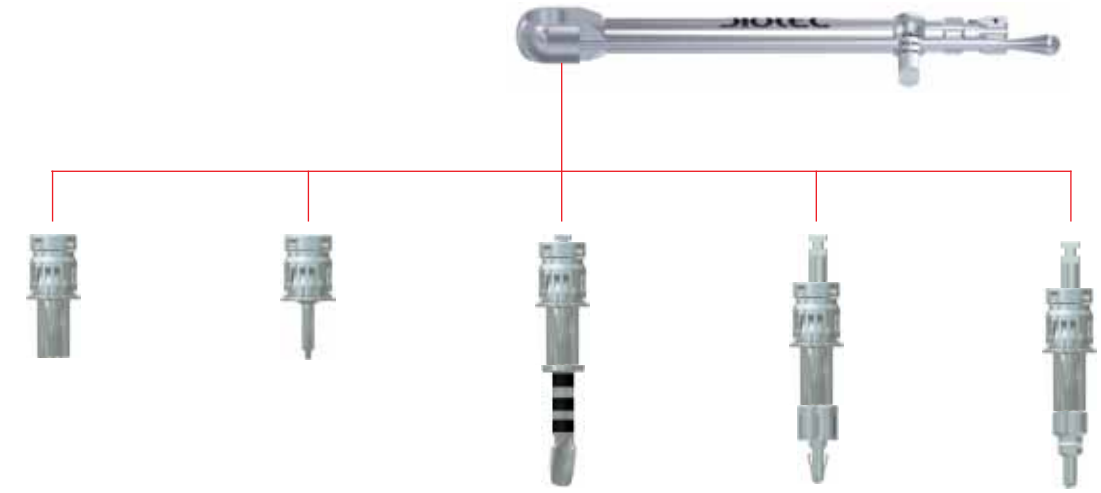
Step 2
rotate the device of 180°



Step 3
release the device

Compatible instruments

The Reversible Torque Wrench can be connected to different instruments or couple of instruments as indicated in the following scheme:



MANUAL WRENCHES

DIGITAL DRIVERS

MANUAL WRENCHES WITH TAPPING SCREW

MANUAL WRENCHES WITH IMPLANT INSERTION DEVICE

INSTRUMENTS FOR TWO IMPLANTS

Drills for initial preparation

MATERIAL Tempered stainless steel
USE Used to create a lead hole on the cortical bone, which is useful to position the tip of the pilot drill. External irrigation
NOTE Included in the surgical kit

	TWO
round drill	FRO0035U

Pilot Drills

MATERIAL Tempered stainless steel
USE Used to create a pilot hole. Laser marks correspond to the lenght of the TWO implant that has to be inserted. External irrigation
NOTE Included in the surgical kit

TWO
FPI19350 (L = 35 mm, Ø 1,9 mm)

Depth gauge and parallelism pin

MATERIAL Titanium grade 5 (Ti6Al4V)
USE Used to check depth and parallelism of the pilot hole
NOTE 2 pieces included in the surgical kit

TWO
SSMISPRO (Ø = 1,9 mm)

Conical drills

MATERIAL Tempered stainless steel
USE Used to create a pilot hole. Laser marks correspond to the lenght of the TWO implant that has to be inserted. External irrigation
NOTE Included in the surgical kit

	TWO
Ø = 4 mm L = 35 mm	FFW40S10 (Ø 4,0x10)
	FFW40S11 (Ø 4,0x11,5)
	FFW40S13 (Ø 4,0x13,5)
	FFW40S15 (Ø 4,0x15,5)
	FFW40S17 (Ø 4,0x17,5)

	TWO
Ø = 5 mm L = 35 mm	FFW50S10 (Ø 5,0x10)
	FFW50S11 (Ø 5,0x11,5)
	FFW50S13 (Ø 5,0x13,5)
	FFW50S15 (Ø 5,0x15,5)
	FFW50S17 (Ø 5,0x17,5)

	TWO
Ø = 6 mm L = 35 mm	FFW60S10 (Ø 6,0x10)
	FFW60S11 (Ø 6,0x11,5)
	FFW60S13 (Ø 6,0x13,5)
	FFW60S15 (Ø 6,0x15,5)

Drills extension

MATERIAL	Tempered stainless steel
USE	It extends the lenght of the drills of about 19 mm
TORQUE	Maximum recommended torque: 25 Ncm
NOTE	Included in the surgical kit

TWO
NNF0525U

Manual tapping screws (for D1-D2 bone)

MATERIAL	Titanium grade 5 (Ti6Al4V)
USE	To be used in compact bone to create the threading for the implant insertion. Applicable to the following instruments:digital prehensile drivers, wrench with relative prehensile connection, reversible wrench (with or without prehensile connection)
TORQUE	Maximum recommended torque: 25 Ncm
NOTE	Included in the surgical kit

	TWO
Ø = 4 mm L = 22 mm	HHW40E10 (Ø 4,0x10)
	HHW40E11 (Ø 4,0x11,5)
	HHW40E13 (Ø 4,0x13,5)
	HHW40E15 (Ø 4,0x15,5)
	HHW40E17 (Ø 4,0x17,5)

	TWO
Ø = 5 mm L = 22 mm	HHW50E10 (Ø 5,0x10)
	HHW50E11 (Ø 5,0x11,5)
	HHW50E13 (Ø 5,0x13,5)
	HHW50E15 (Ø 5,0x15,5)
	HHW50E17 (Ø 5,0x17,5)

	TWO
Ø = 6 mm L = 22 mm	HHW60E10 (Ø 6,0x10)
	HHW60E11 (Ø 6,0x11,5)
	HHW60E13 (Ø 6,0x13,5)
	HHW60E15 (Ø 6,0x15,5)

Digital prehensile driver

MATERIAL	Stainless steel
USE	Used to take the implant from the phial, to insert and screw it manually into the site. It is also used in connection to tapping screws to create the threading. The upper part of the driver has a 3x3 connection square that allows the connection to wrenches and to the torque wrench.
NOTE	Included in the surgical kit

	TWO
L = 21 mm	DDAD31M0

Implant driver for handpiece

MATERIAL Tempered stainless steel
USE Used to take the implant from the phial, to insert and screw it into the site using the handpiece. Maximum torque 50 Ncm.
NOTE Included in the surgical kit

TWO
NNPN31C1

Wrench connection extension

MATERIAL Tempered stainless steel
USE Used to take the implant from the phial, to insert and screw it in the implant site using wrenches or the torque wrench
NOTE Included in the surgical kit

TWO
SSPQ3LEP

Digital Driver hex. 1,20

MATERIAL Tempered stainless steel
USE Used to screw all TWO implants screws
TORQUE Maximum recommended torque: 35 Ncm
NOTE Included in the surgical kit

	TWO
L = 14 mm	DDED12LD

Driver for torque wrench hex. 1,20

MATERIAL Tempered stainless steel
USE Used to screw with the torque wrench all TWO implants retentive screws
TORQUE Maximum recommended torque: 35 Ncm
NOTE Included in the surgical kit

	TWO
L = 10 mm	SSDQ3C12

30° angled fixed wrench

MATERIAL Stainless steel

USE Used to hold the mounting device while unscrewing its retentive screw. The 30° angulation enables an easier use especially in rear position.

NOTE Included in the surgical kit

TWO

SCHFI313

Torque wrench

MATERIAL Stainless steel

DESCRIPTION The correct screw tightening improves the coupling between components and implant, reducing any risk of unscrewing. During the insertion of the implant, the torque control is very important in order to exceed the resistance of the bone during the implant positioning, obtaining therefore the maximum precision during the insertion. Provided with a 3x3 connection Square

USE Used for the correct tightening of the screws. It allows to set a default torque value, from 15 to 35 Ncm

TORQUE Maximum recommended torque: 35 Ncm

NOTE Included in the surgical kit

TWO

SDVQ3N35

Reversible torque wrench

MATERIAL Stainless steel

USE It allows the reversal of the rotation-wise without turning the instrument. It is enough to only operate on the device placed at the extremities of the wrench. The easiness of the reverse device brings to an easy tapping. It is provided with a double connection: a 3x3 Square connection on one side and a 3,1 Hexagon connection on the other side. The 3,1 hexagon enables the connection with tapping screws and mounting devices.

NOTE Included in the surgical kit

TWO

SSIQ3E31

MINI IMPLANTS INSTRUMENTS

Drills for initial preparation

MATERIAL Tempered stainless steel
USE Used to create a lead hole on the cortical bone, which is useful to position the tip of the pilot drill. External irrigation
NOTE Included in the surgical kit

	MINI
round drill	FRO0035U

Drills

MATERIAL Tempered stainless steel
USE Used to prepare the implant site. Drills are prearranged for the insertion of metallic stops. External irrigation
NOTE Included in the surgical kit

	MINI
L = 30 mm	FMI12N

	MINI
L = 30 mm	FMI12 (Ø 1,2 mm) *
	FMI17 (Ø 1,7 mm) *

* Includes "stops kit"

Metallic stops

MATERIAL Stainless steel
USE Metallic stops screwable on Ø 1,2 and Ø 1,7 drills. Purchasable in kit version (cod. FSA410) or separately
NOTE Included in the surgical kit

MINI
FSA4 (H = 4,1 mm)
FSA5 (H = 5,6 mm)
FSA7 (H = 7,1 mm)
FSA8 (H = 8,6 mm)
FSA10 (H = 10,6 mm)

Mucotome

MATERIAL Stainless steel
USE To make the mucotomy during the preliminary phase. It prepares a Ø 2,3 mucotomy
NOTE Included in the surgical kit

	MINI
L = 28 mm	MUM23 (Ø = 2,3 mm)

Manual Implant Driver

MATERIAL Tempered stainless steel
USE For the manual screwing of all MINI implants
NOTE Included in the surgical kit

MINI
DMIM

Implant driver for handpiece

MATERIAL Stainless steel
USE Used to screw the MINI implants through the handpiece
NOTE Included in the surgical kit

	MINI
L = 41 mm	NMIM

Wrench connection

MATERIAL Stainless steel
USE Used to manually screw the MINI implants through the wrench

	MINI
L = 22 mm	SMIM *
L = 27,5 mm	SMIML

* Included in the surgical kit

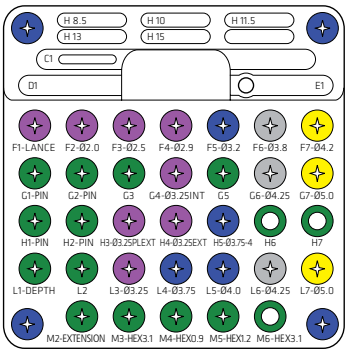
Wrench

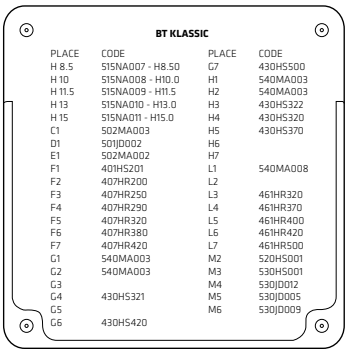
MATERIAL Stainless steel
USE Used to manually screw the MINI implants through the appropriate connection
NOTE Included in the surgical kit

MINI
SSCQ3000

BT KLASSIC **SURGICAL KIT**

Cod. 603NA002





BT KLASSIC

PLACE	CODE	PLACE	CODE
H 8.5	515NA007 - H8.50	G7	430HS500
H 10	515NA008 - H10.0	H1	540MA003
H 11.5	515NA009 - H11.5	H2	540MA003
H 13	515NA010 - H13.0	H3	430HS322
H 15	515NA011 - H15.0	H4	430HS320
C1	502MA003	H5	430HS370
D1	501JD002	H6	
E1	502MA002	H7	
F1	401HS201	L1	540MA008
F2	407HR200	L2	
F3	407HR250	L3	461HR320
F4	407HR290	L4	461HR370
F5	407HR320	L5	461HR400
F6	407HR380	L6	461HR420
F7	407HR420	L7	461HR500
G1	540MA003	M2	520HS001
G2	540MA003	M3	530HS001
G3		M4	530JD012
G4	430HS321	M5	530JD005
G5		M6	530JD009
G6	430HS420		

LIST AND POSITIONING OF EACH COMPONENT INSIDE THE SURGICAL KIT

F1-LANCE

INVITATION DRILL
Blade drill
401HS201

F2-Ø2.0

PILOT DRILL
L=39 mm | Ø 2,0 mm
407HR200

H 8.5

METALLIC STOPS FOR DRILLS
H=8,5 mm
515NA007

H 10

H=10 mm
515NA008

H 11.5

H=11,5 mm
515NA009

H 13

H=13 mm
515NA010

H 15

H=15 mm
515NA011

H1-PIN
H2-PIN
G1-PIN
G2-PIN

PARALLELISM PINS
Ø 2,0 mm (kit 4 pz.)
540MA003

L1-DEPTH

DEPTH GAUGE
Ø 1,9 mm
540MA008

PRO DRILLS

F3-Ø2.5

L=39 mm | Ø 2,5 mm
407HR250

F4-Ø2.9

L=39 mm | Ø 2,9 mm
407HR290

F5-Ø3.2

L=39 mm | Ø 3,2 mm
407HR320

F6-Ø3.8

L=39 mm | Ø 3,8 mm
407HR380

F7-Ø4.2

L=39 mm | Ø 4,2 mm
407HR420

M2-EXTENSION

DRILLS EXTENSION
it extends the drill of about 19 mm
520HS001

D1

REVERSIBILE TORQUE WRENCH
501JD002

H3-Ø3.25PLEXT

COUNTERBORES FOR D1-D2 BONE
L=27 mm | Ø 3,25 mm PL
430HS322

H4-Ø3.25EXT

L=27 mm | Ø 3,25 mm EXT
430HS320

G4-Ø3.25INT

L=27 mm | Ø 3,25-3,75 mm INT
430HS321

H5-Ø3.75-4

L=27 mm | Ø 3,75-4,0 mm EXT
430HS370

G6-Ø4.25

L=27 mm | Ø 4,25 mm
430HS420

G7-Ø5.0

L=27 mm | Ø 5 mm
430HS500

L3-Ø3.25

TAPPING SCREWS FOR D1-D2 BONE
L=36 mm | Ø 3,25 mm
461HR320

L4-Ø3.75

L=36 mm | Ø 3,75 mm
461HR370

L5-Ø4.0

L=36 mm | Ø 4 mm
461HR400

L6-Ø4.25

L=36 mm | Ø 4,25 mm
461HR420

L7-Ø5.0

L=36 mm | Ø 5 mm
461HR500

M6-HEX3.1

MANUAL WRENCHES
L=11 mm
530JD009

M3-HEX3.1

IMPLANT DRIVER FOR HANDPIECE
530HS001

M5-HEX1.2

DIGITAL DRIVER HEX.1,20
L=14 mm
530JD005

M4-HEX0.9

DIGITAL DRIVER HEX.0,90
L=13 mm
530JD012

E1

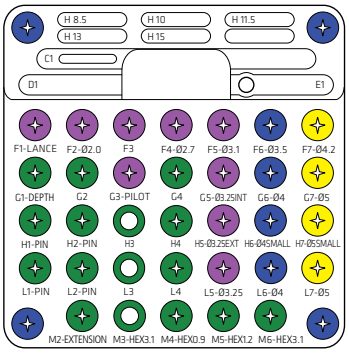
GUIDE BAR
502MA002

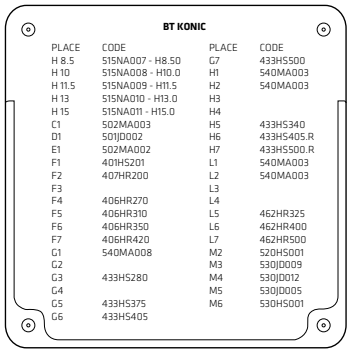
C1

30° FIXED WRENCH
502MA003

BT KONIC **SURGICAL KIT**

Cod. 607NA003





BT KONIC

PLACE	CODE	PLACE	CODE
H 8.5	515NA007 - H8.50	G7	433HS500
H 10	515NA008 - H10.0	H1	540MA003
H 11.5	515NA009 - H11.5	H2	540MA003
H 13	515NA010 - H13.0	H3	
H 15	515NA011 - H15.0	H4	
C1	502MA003	H5	433HS340
D1	501JD002	H6	433HS405.R
E1	502MA002	H7	433HS500.R
F1	401HS201	L1	540MA003
F2	407HR200	L2	540MA003
F3		L3	
F4	406HR270	L4	
F5	406HR310	L5	462HR325
F6	406HR350	L6	462HR400
F7	406HR420	L7	462HR500
G1	540MA008	M2	520HS001
G2		M3	530JD009
G3	433HS280	M4	530JD012
G4		M5	530JD005
G5	433HS375	M6	530HS001
G6	433HS405		

LIST AND POSITIONING OF EACH COMPONENT INSIDE THE SURGICAL KIT

F1-LANCE

INVITATION DRILL
Blade drill
401HS201

F2-Ø2.0

PILOT DRILL
L=39 mm | Ø 2,0 mm
407HR200

H 8.5

METALLIC STOPS FOR DRILLS
H=8,5 mm
515NA007

H 10

H=10 mm
515NA008

H 11.5

H=11,5 mm
515NA009

H 13

H=13 mm
515NA010

H 15

H=15 mm
515NA011

H1-PIN
H2-PIN
L1-PIN
L2-PIN

PARALLELISM PINS
Ø 2,0 mm (kit 4 pz.)
540MA003

G1-DEPTH

DEPTH GAUGE
Ø 1,9 mm
540MA008

F4-Ø2.7

PRO DRILLS
L=39 mm | Ø 2,0 - 2,7 mm
406HR270

F5-Ø3.1

L=39 mm | Ø 2,0 - 3,1 mm
406HR310

F6-Ø3.5

L=39 mm | Ø 2,5 - 3,5 mm
406HR350

F7-Ø4.2

L=39 mm | Ø 3,7 - 4,2 mm
406HR420

G3-PILOT

L=36 mm | Ø 2,8 mm PILOT
433HS280

M2-EXTENSION

DRILLS EXTENSION
it extends the drill of about 19 mm
520HS001

M5-HEX1.2

COUNTERBORES
L=27 mm | Ø 3,25 mm EXT
433HS340

G5-Ø3.25INT

L=27 mm | Ø 3,25 mm INT
433HS375

G6-Ø4

COUNTERBORES
L=27 mm | Ø 4,0 mm
433HS405

H6-Ø4SMALL

L=27 mm | Ø 4,0 mm | per osso D4
433HS405.R

G7-Ø5

L=27 mm | Ø 5,0 mm
433HS500

H7-Ø5SMALL

L=27 mm | Ø 5,0 mm| per osso D3-D4
433HS500.R

L5-Ø3.25

TAPPING SCREWS FOR D1-D2 BONE
L=35 mm | Ø 3,25 mm
462HR325

L6-Ø4

L=35 mm | Ø 4,0 mm
462HR400

L7-Ø5

L=35 mm | Ø 5,0 mm
462HR500

M3-HEX3.1

MANUAL WRENCHES
L=11 mm
530JD009

M6-HEX3.1

IMPLANT DRIVER FOR HANDPIECE
530HS001

M5-HEX1.2

DIGITAL DRIVER HEX.1,20
L=14 mm
530JD005

M4-HEX0.9

DIGITAL DRIVER HEX.0,90
L=13 mm
530JD012

E1

GUIDE BAR
502MA002

C1

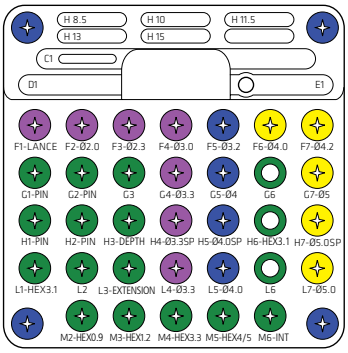
30° FIXED WRENCH
502MA003

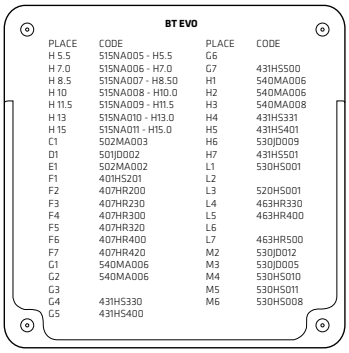
D1

REVERSIBLE TORQUE WRENCH
501JD002

BT EVO **SURGICAL KIT**

Cod. 613NA003





BT EVO

PLACE	CODE	PLACE	CODE
H 5.5	515NA005 - H5.5	G6	
H 7.0	515NA006 - H7.0	G7	431HS500
H 8.5	515NA007 - H8.50	H1	540MA006
H 10	515NA008 - H10.0	H2	540MA006
H 11.5	515NA009 - H11.5	H3	540MA008
H 13	515NA010 - H13.0	H4	431HS331
H 15	515NA011 - H15.0	H5	431HS401
C1	502MA003	H6	530JD009
D1	501JD002	H7	431HS501
E1	502MA002	L1	530HS001
F1	401HS201	L2	
F2	407HR200	L3	520HS001
F3	407HR230	L4	463HR330
F4	407HR300	L5	463HR400
F5	407HR320	L6	
F6	407HR400	L7	463HR500
F7	407HR420	M2	530JD012
G1	540MA006	M3	530JD005
G2	540MA006	M4	530HS010
G3		M5	530HS011
G4	431HS330	M6	530HS008
G5	431HS400		

LIST AND POSITIONING OF EACH COMPONENT INSIDE THE SURGICAL KIT

F1-LANCE

INVITATION DRILL
Blade drill
401HS201

F2-Ø2.0

PILOT DRILL
L=39 mm - Ø 2,0 mm
407HR200

F3-Ø2.3

L=39 mm - Ø 2,3 mm
407HR230

H 5.5

METALLIC STOPS FOR DRILLS
H=5,5 mm
515NA005

H 7.0

H=7 mm
515NA006

H 8.5

H=8,5 mm
515NA007

H 10

H=10 mm
515NA008

H 11.5

H=11,5 mm
515NA009

H 13

H=13 mm
515NA010

H 15

H=15 mm
515NA011

H1-PIN
H2-PIN
G1-PIN
G2-PIN

PARALLELISM PINS
Ø 2,0 - 2,3 mm (kit 4 pz.)
540MA006

H3-DEPTH

DEPTH GAUGE
Ø 1,9 mm
540MA008

F4-Ø3.0

PRO DRILLS
L=39 mm Ø 3 mm
407HR300

F5-Ø3.2

L=39 mm Ø 3,2 mm
407HR320

F6-Ø4.0

L=39 mm Ø 4 mm
407HR400

F7-Ø4.2

L=39 mm Ø 4,2 mm
407HR420

L3-EXTENSION

DRILLS EXTENSION
it extends the drill of about 19 mm
520HS001

G4-Ø3.3

COUNTERBORES FOR D1-D2 BONE
L=26 mm | Ø 3,3 mm
431HS330

H4-Ø3.3SP

L=26 mm | Ø 3,3 mm SP
431HS331

G5-Ø4

L=26 mm | Ø 4 mm
431HS400

H5-Ø4.0SP

L=26 mm | Ø 4 mm SP
431HS401

G7-Ø5

L=26 mm | Ø 5 mm
431HS500

H7-Ø5.0SP

L=26 mm | Ø 5 mm SP
431HS501

L4-Ø3.3

TAPPING SCREWS FOR D1-D2 BONE
L=34 mm | Ø 3,3 mm - 463HR330

L5-Ø4.0

L=34 mm | Ø 4 mm
463HR400

L7-Ø5.0

L=34 mm | Ø 5 mm
463HR500

H6-HEX3.1

MANUAL WRENCHES
L=11 mm
530JD009

L1-HEX3.1

IMPLANT DRIVER FOR HANDPIECE
530HS001

M6-INT

IMPLANT INSERTION DEVICE
Driver int L=30 mm - 530HS008

M4-HEX3.3

Driver ext Ø 3,3 mm | L=32 mm
530HS010

M5-HEX4/5

Driver ext Ø 4-5 mm | L=32 mm
530HS011

M3-HEX1.2

DIGITAL DRIVER HEX.1,20
L=14 mm
530JD005

M2-HEX0.9

DIGITAL DRIVER HEX.0,90
L=13 mm
530JD012

E1

GUIDE BAR
502MA002

C1

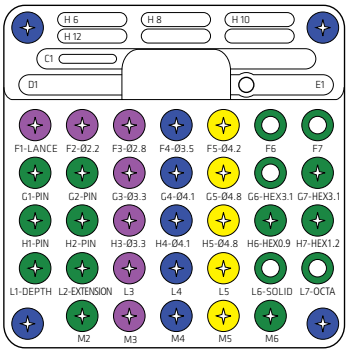
30° FIXED WRENCH
502MA003

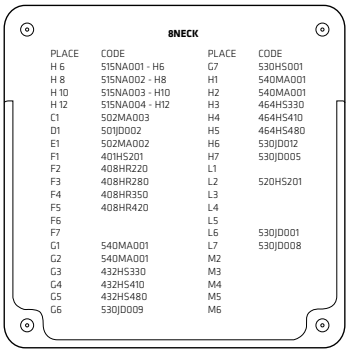
D1

REVERSIBLE TORQUE WRENCH
501JD002

8NECK **SURGICAL KIT**

Cod. 625NA003





LIST AND POSITION OF EACH COMPONENT INSIDE SURGICAL KIT

F1-LANCE

INVITATION DRILL
Blade drill
401HS201

F2-Ø2.2

PILOT DRILL
L=39 mm | Ø 2,2 mm
408HR220

F3-Ø2.8

L=39 mm | Ø 2,8 mm
408HR280

H 6

METALLIC STOPS FOR DRILLS
H=6 mm
515NA001

H 8

H=8 mm
515NA002

H 10

H=10 mm
515NA003

H 12

H=12 mm
515NA004

H1-PIN
H2-PIN
G1-PIN
G2-PIN

PARALLELISM PIN
AND DEPTH GAUGE
Ø 2,2 mm (kit 4 pz.)
540MA001

F4-Ø3.5

FINAL DRILLS
L=36 mm | Ø 3,5 mm
408HR350

F5-Ø4.2

L=36 mm | Ø 4,2 mm
408HR420

L2-EXTENSION

DRILLS EXTENSION
it extends the drill of about 19 mm
520HS001

G3-Ø3.3

COUNTERBORES
FOR D1-D2 BONE
L=25 mm | Ø 3,3 mm
432HS330

G4-Ø4.1

L=25 mm | Ø 4,1 mm
432HS410

G5-Ø4.8

L=25 mm | Ø 4,8 mm
432HS480

H3-Ø3.3

TAPPING SCREWS FOR D1-D2 BONE
L=31 mm | Ø 3,3 mm
464HS330

H4-Ø4.1

L=31 mm | Ø 4,1 mm
464HS410

H5-Ø4.8

L=31 mm | Ø 4,8 mm
464HS480

L6-SOLID

MANUAL WRENCHES
SOLID abutment version
530JD001

L7-OCTA

OCTA abutment version
530JD013

G6-HEX3.1

L=11 mm
530JD009

G7-HEX3.1

IMPLANT DRIVER FOR HANDPIECE
530HS001

H7-HEX1.2

DIGITAL DRIVER HEX.1,20
L=14 mm
530JD005

H6-HEX0.9

DIGITAL DRIVER HEX.0,90
L=13 mm
530JD012

E1

GUIDE BAR
502MA002

C1

30° FIXED WRENCH
502MA003

D1

REVERSIBLE TORQUE WRENCH
501JD002

8NECK **COMPATIBILITY KIT**

Cod. 625NA001

LIST OF KIT COMPONENTS

MANUAL WRENCH
Solid abutment wrench
530JD009

DRIVER FOR
HANDPIECE
530HS001

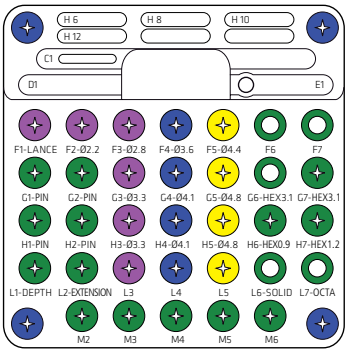
DIGITAL DRIVER HEX.1,20
L=14 mm
530JD005

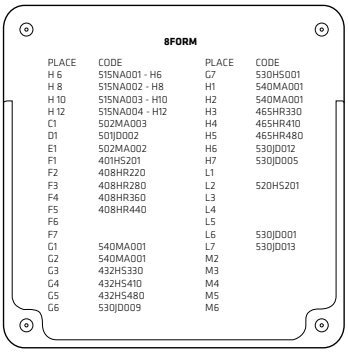
30° ANGLED FIXED
WRENCH
502MA003

REVERSIBLE TORQUE
WRENCH
501JD002

8FORM **SURGICAL KIT**

Cod. 630NA001





LIST AND POSITIONING OF EACH COMPONENT INSIDE THE SURGICAL KIT

F1-LANCE

INVITATION DRILL
Blade drill
401HS201

F2-Ø2.2

PILOT DRILL
L=39 mm | Ø 2,2 mm
408HR220

F3-Ø2.8

L=39 mm | Ø 2,8 mm
408HR280

H 6

METALLIC STOPS FOR DRILLS
H=6 mm
515NA001

H 8

H=8 mm
515NA002

H 10

H=10 mm
515NA003

H 12

H=12 mm
515NA004

H1-PIN
H2-PIN
G1-PIN
G2-PIN

PARALLELISM PIN
AND DEPTH GAUGE
Ø 2,2 mm (kit 4 pz.)
540MA001

F4-Ø3.6

FINAL DRILLS
L=36 mm | Ø 3,6 mm
409HR360

F5-Ø4.4

L=36 mm | Ø 4,4 mm
409HR440

L2-EXTENSION

DRILLS EXTENSION
it extends the drill of about 19 mm
520HS001

G3-Ø3.3

COUNTERBORES
FOR D1-D2 BONE
L=25 mm | Ø 3,3 mm
432HS330

G4-Ø4.1

L=25 mm | Ø 4,1 mm
432HS410

G5-Ø4.8

L=25 mm | Ø 4,8 mm
432HS480

H3-Ø3.3

TAPPING SCREWS FOR D1-D2 BONE
L=31 mm | Ø 3,3 mm
465HR330

H4-Ø4.1

L=31 mm | Ø 4,1 mm
465HR410

H5-Ø4.8

L=31 mm | Ø 4,8 mm
465HR480

L6-SOLID

MANUAL WRENCHES
SOLID abutment version
530JD001

L7-OCTA

OCTA abutment version
530JD013

G6-HEX3.1

L=11 mm
530JD009

G7-HEX3.1

IMPLANT DRIVER FOR HANDPIECE
530HS001

H7-HEX1.2

DIGITAL DRIVER HEX.1,20
L=14 mm
530JD005

H6-HEX0.9

DIGITAL DRIVER HEX.0,90
L=13 mm
530JD012

E1

GUIDE BAR
502MA002

C1

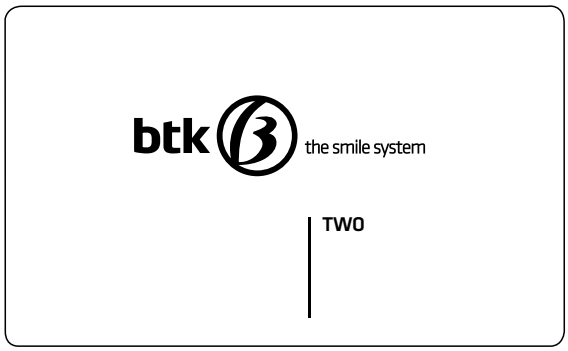
30° FIXED WRENCH
502MA003

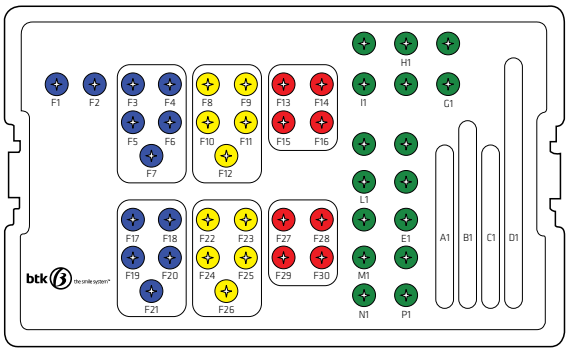
D1

REVERSIBLE TORQUE WRENCH
501JD002

TWO **SURGICAL KIT**

Cod. KCTWO1





LIST AND POSITIONING OF EACH COMPONENT INSIDE THE SURGICAL KIT

F1 — INVITATION DRILL
Round drill
FRO0035U

F2 — PILOT DRILL
L=1,9 mm | Ø 1,9 mm
FPI1935O

CONICAL DRILLS

F3 — Ø 4,0 mm x 10
FFW40S10

F4 — Ø 4,0 mm x 11,5
FFW40S11

F5 — Ø 4,0 mm x 13,5
FFW40S13

F6 — Ø 4,0 mm x 15,5
FFW40S15

F7 — Ø 4,0 mm x 17,5
FFW40S17

F8 — Ø 5,0 mm x 10
FFW50S10

F9 — Ø 5,0 mm x 11,5
FFW50S11

F10 — Ø 5,0 mm x 13,5
FFW50S13

F11 — Ø 5,0 mm x 15,5
FFW50S15

F12 — Ø 5,0 mm x 17,5
FFW50S17

F13 — Ø 6,0 mm x 10
FFW60S10

F14 — Ø 6,0 mm x 11,5
FFW60S11

F15 — Ø 6,0 mm x 13,5
FFW60S13

F16 — Ø 6,0 mm x 15,5
FFW60S15

TAPPING SCREWS FOR D1-D2 BONE

F17 — Ø 4,0 mm x 10
HHW40E10

F18 — Ø 4,0 mm x 11,5
HHW40E11

F19 — Ø 4,0 mm x 13,5
HHW40E13

F20 — Ø 4,0 mm x 15,5
HHW40E15

TAPPING SCREWS FOR D1-D2 BONE

F21 — Ø 4,0 mm x 17,5
HHW40E17

F22 — Ø 5,0 mm x 10
HHW50E10

F23 — Ø 5,0 mm x 11,5
HHW50E11

F24 — Ø 5,0 mm x 13,5
HHW50E13

F25 — Ø 5,0 mm x 15,5
HHW50E15

F26 — Ø 5,0 mm x 17,5
HHW50E17

F27 — Ø 6,0 mm x 10
HHW60E10

F28 — Ø 6,0 mm x 11,5
HHW60E11

F29 — Ø 6,0 mm x 13,5
HHW60E13

F30 — Ø 6,0 mm x 15,5
HHW60E15

E1 — DIGITAL DRIVER HEX.1,20
NNEN12L0

G1 — DRIVER FOR TORQUE WRENCH
HEX. 1,20 - SSDQ3C12

H1 — DIGITAL PREHENSILE DRIVER
DDAD31M0

I1 — IMPLANT DRIVER FOR HANDPIECE
NNPN31C1

C1 — 30° FIXED WRENCH - SCHFI313

B1 — REVERSIBLE TORQUE WRENCH
SSIQ3E31

D1 — REVERSIBLE TORQUE WRENCH
SDVQ3N35

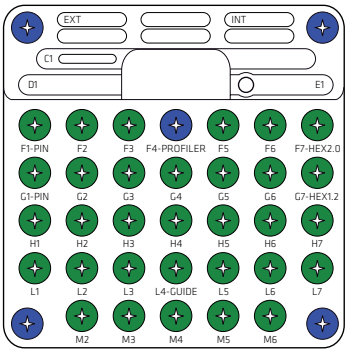
L1 — DRILLS EXTENSION
it extends the drill of about 19 mm - NNF0525U

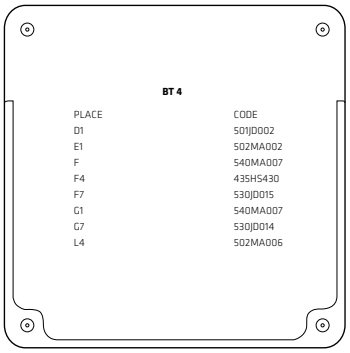
P1 — WRENCH CONNECTION
SSPQ3LEP

M1 - N1 — DEPTH GAUGE
Ø 1,9 mm (2 pz.) - SSMISPRO

BT 4 **SURGICAL KIT**

Cod. 655NA001





LIST AND POSITIONING OF EACH COMPONENT INSIDE THE SURGICAL KIT

F1-PIN
G1-PIN

PARALLELISM PINS
M=1,4 (2 pz.)
540MA007

F4-PROFILER

BONE PROFILER
Ø 4,3 mm | L=25 mm
435HS430

G7-HEX1.2

DIGITAL DRIVER HEX.1,20
530JD014

F7-HEX2.0

DIGITAL DRIVER HEX.2,0
530JD015

E1

GUIDE BAR
502MA002

L4-GUIDE

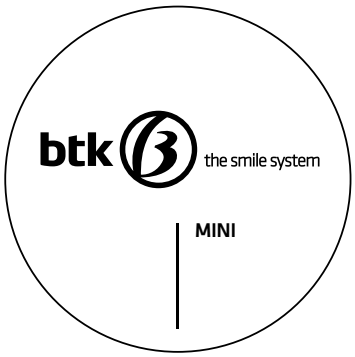
SURGICAL GUIDE
502MA006

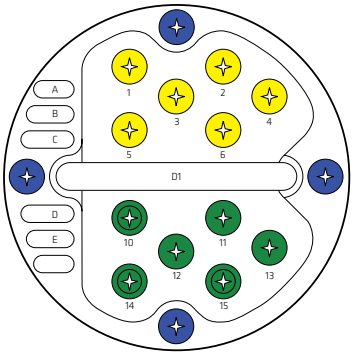
D1

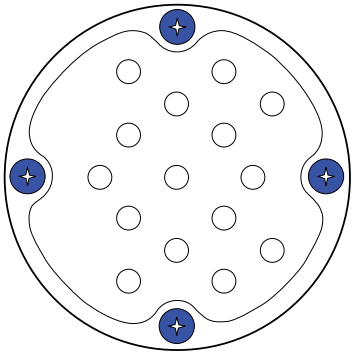
REVERSIBLE TORQUE WRENCH
501JD002

MINI **SURGICAL KIT**

Cod. KCMINI1







LIST AND POSITIONING OF EACH COMPONENT INSIDE THE SURGICAL KIT

DRILLS FOR INITIAL PREPARATION
Fresa a palla
FRO0035U

DRILLS
Ø 1,2 mm
FMI12

Ø 1,7 mm
FMI17N

METALLIC STOPS FOR DRILLS

H=4,1 mm
FSA4

H=5,6 mm
FSA5

H=7,1 mm
FSA7

H=8,6 mm
FSA8

H=10,6 mm
FSA10

MUCOTOME
Ø 2,3 mm
MUM23

IMPLANT DRIVER FOR HANDPIECE
NMIM

MANUAL IMPLANT DRIVER
DMIM

WRENCH CONNECTION
SMIM

WRENCH
SSCQ3000

accessories

EXTERNAL HEXAGON CONNECTION

NEW!

Headless cover screws

MATERIAL Titanium grade 5 (Ti6Al4V)
USE Cover screws allow to seal the internal cavity of the implant during the osteointegration process. This particular screw version is recommended when the thickness of soft tissue is insufficient
DRIVER Use digital driver hex. 0,9
TORQUE Maximum torque recommended: 10 Ncm
NOTE Only available for ER and EW platforms

ER	EW
690NA041	

Transfer Screws

MATERIAL Stainless steel
USE Used to fix the transfers during impression taking
DRIVER Use driver Hex.1,20
TORQUE The use of a torque wrench at a torque value of 20-25 Ncm is recommended

	EN	ER	EW
L = 18 mm	690NA014	690NA015	
L = 13 mm	690NA039	690NA016	

Gold Retentive Screws

MATERIAL 24 carats-coated gold league
USE Used for the definitive closing of the abutments. The gold screw is coated with gold 24 carats, 0,7 micron thick. This covering acts like a dry lubricant, reducing the friction between the threads of the screw and the implant. The great elasticity and the league force increase the vertical lock forces ("pre-load" forces) of 74-76% compared to the screws covered with other materials, which brings to the following benefits:
- decrease of the possibility of unscrewing with consequent reduction of screw breaking risk
- decrease of the probabilities of infiltrations
- increase of recontructions reliability

DRIVER Use driver Hex.1,20
TORQUE The use of a torque wrench at a torque value of not more than 32 Ncm is recommended.

EN	ER	EW
690NA018	690NA019	

Titanium retentive screw

MATERIAL Titanium grade 5 (Ti6Al4V)
USE Passing titanium screw for prosthetic components
DRIVER Use driver Es.1,20
TORQUE The use of a torque wrench at a torque value of not more than 32 Ncm is recommended.

EN	ER	EW
690NA012	690NA013	

NEW! Screw for BT-4 straight abutment

MATERIAL Titanium grade 5 (Ti6Al4V)
USE Retention screw for BT4 straight abutment
DRIVER Use driver hex. 2,0 short (cod. 530JD015)
TORQUE Refer to instructions for use contained in the package to verify all recommended torque values for each prosthetic component
NOTE Only available for ER platforms

	ER
Abutment H = 1 mm	690NA059
Abutment H = 2 mm , H = 3 mm	690NA060

NEW! Screw for BT-4 angled abutment

MATERIAL Titanium grade 5 (Ti6Al4V)
USE Retention screw for BT4 angled abutment
DRIVER Use driver hex.1.2 reduced (cod. 530JD014)
TORQUE Refer to instructions for use contained in the package to verify all recommended torque values for each prosthetic component
NOTE Only available for ER platforms

	ER
Abutment α= 17°, H = 3 mm	690NA038
Abutment α= 30°, H = 3 mm	

Screws for cylinders, plastic abutments and BT-4 cover caps

MATERIAL Titanium grade 5 (Ti6Al4V)
USE Passing titanium screw for prosthetic components
DRIVER Use driver Hex.1,20
TORQUE The use of a torque wrench at a torque value of not more than 32 Ncm is recommended.

EN	ER	EW
	690NA024	

Transfer screw for BT-4

MATERIAL Stainless steel
USE Used to fix the transfers during impression taking
DRIVER Use driver Hex.1,20
TORQUE The use of a torque wrench at a torque value of 20-25 Ncm is recommended

EN	ER	EW
	690NA031	

Kit of caps for direct impression

MATERIAL Aluminium
USE Transfer cap for direct impression technique. 3 pieces included

EN	ER	EW
	690NA029	

Silicon OR

MATERIAL Silicon
USE Spare part element for drills and instruments. 5 pieces included

	EN	ER	EW
Ø = 3,5 red	690NA028 Spare element for instruments provided with 3x3 connection square		
Ø = 4,5 red	690NA033 Spare element for instruments provided with 3x3 connection square		
Ø = 5,0 green	690NA053 Spare element for manual prehensile driver and for handpiece		

Spare silicon rubber parts for kit plates

MATERIAL Coloured silicon
USE Rubber part to be inserted in the surgical box plates

	EN	ER	EW
Red	690NA050		
Green	690NA049		
Yellow	690NA048		
Blue	690NA047		
White	690NA052		
Bold green	690NA051		

Tapping kit

MATERIAL Stainless steel
USE Used to restore the internal thread of the implants when damaged.
The kit is composed of:
- tapping screw M 1,8
- driver Hex. 2

NOTE The tapping screw is realized in a special steel, which may cause the appearance of oxidation traces whether it hasn't carefully been wiped after use and washings.

EN	ER	EW
KM18	KM20	

Cortical screw Ø 2 X 5,5

MATERIAL Stainless steel
USE Used to fix membranes
NOTE The box for 7 cortical screws is also available (cod. CONT6VA)

EN	ER	EW
	VAM2055	

Prehensile driver for cortical screw

MATERIAL Stainless steel
USE Used to take the cortical screw from the box and insert it in the prearranged hole
TORQUE Maximum torque recommended: 30 Ncm

EN	ER	EW
	NE12P	

Digital driver for handpiece instruments

MATERIAL Stainless steel
USE It allows the digital screwing of cortical screws when it is connected to the prehensile driver. The upper part of the driver has a 3x3 connection square which allows to connect it to wrenches and to the torque wrench
TORQUE Maximum torque recommended: 30 Ncm

EN	ER	EW
	DDCNU	

Handle for handpiece instruments

MATERIAL Stainless steel
USE It allows the manual screwing of cortical screws when it is connected to the prehensile driver
TORQUE Maximum torque recommended: 30 Ncm
NOTE L = 110 mm, Ø = 16 mm

EN	ER	EW
	SSCNU	

INTERNAL HEXAGON CONNECTION

Transfer screw

MATERIAL Stainless steel
USE Used to fix the transfers during impression taking
DRIVER Use driver Hex.1,20
TORQUE The use of a torque wrench at a torque value of 20-25 Ncm is recommended

	IR	IM	IW
L = 13 mm	690NA039		
L = 18 mm	690NA014		

Gold retentive screw

MATERIAL 24 carats-coated gold league
USE Used for the definitive closing of the abutments. The gold screw is coated with gold 24 carats, 0,7 micron thick. This covering acts like a dry lubricant, reducing the friction between the threads of the screw and the implant.
The great elasticity and the league force increase the vertical lock forces ("pre-load" forces) of 74-76% compared to the screws covered with other materials, which brings to the following benefits:
- decrease of the possibility of unscrewing with consequent reduction of screw breaking risk
- decrease of the probabilities of infiltrations
- increase of recontructions reliability

DRIVER Use driver Hex.1,20
TORQUE The use of a torque wrench at a torque value of not more than 32 Ncm is recommended

IR	IM	IW
	690NA018	

Titanium retentive screw

MATERIAL Titanium grade 5 (Ti6Al4V)
USE Passing titanium screw for prosthetic components
DRIVER Use driver Es.1,20
TORQUE The use of a torque wrench at a torque value of not more than 32 Ncm is recommended

IR	IM	IW
	690NA012	

NEW! Screw for BT-4 straight abutment

MATERIAL	Titanium grade 5 (Ti6Al4V)
USE	Retention screw for BT4 straight abutment
DRIVER	Use driver hex. 2,0 short (cod. 530JD015)
TORQUE	Refer to instructions for use contained in the package to verify all recommended torque values for each prosthetic component
NOTE	Only available for IR platforms

	IR
Abutment H = 1 mm, H = 2 mm , H = 3 mm	690NA037

NEW! Screw for BT-4 angled abutment

MATERIAL	Titanium grade 5 (Ti6Al4V)
USE	Retention screw for BT4 angled abutment
DRIVER	Use driver hex.1.2 reduced (cod. 530JD014)
TORQUE	Refer to instructions for use contained in the package to verify all recommended torque values for each prosthetic component
NOTE	Only available for IR platforms

	IR
Abutment α= 17°, H = 3 mm	690NA058
Abutment α= 30°, H = 3 mm	

Screws for cylinders, plastic abutments and BT-4 cover caps

MATERIAL	Titanio grado 5 (Ti6Al4V)
USE	Passing titanium screw for prosthetic components
DRIVER	Use driver Hex.1,20
TORQUE	The use of a torque wrench at a torque value of not more than 32 Ncm is recommended.

IR	IM	IW
690NA024		

Transfer screw for BT-4

MATERIAL Stainless steel
USE Used to fix the transfers during impression taking
DRIVER Use driver Hex.1,20
TORQUE The use of a torque wrench at a torque value of 20-25 Ncm is recommended

IR	IM	IW
	690NA031	

Kit of caps for direct impression

MATERIAL Aluminium
USE Transfer cap for direct impression technique. 3 pieces included

IR	IM	IW
	690NA029	

Silicon OR

MATERIAL Silicon
USE Spare part element for drills and instruments. 5 pieces included

	IR	IM	IW
Ø = 3,5 red	690NA028 Spare element for instruments provided with 3x3 connection square		
Ø = 4,5 red	690NA033 Spare element for instruments provided with 3x3 connection square		
Ø = 5,0 green	690NA053 Spare element for manual prehensile driver and for handpiece		

Spare silicon rubber parts for kit plates

MATERIAL Coloured silicon
USE Rubber part to be inserted in the surgical box plates

	IR	IM	IW
Red	690NA050		
Green	690NA049		
Yellow	690NA048		
Blue	690NA047		
White	690NA052		
Bold Green	690NA051		

Tapping kit

MATERIAL Stainless steel
USE Used to restore the internal thread of the implant when damaged. The kit includes: tapping screw M 1,8 and driver Hex. 2
NOTE The tapping screw is realized in a special steel, which may cause the appearance of oxidation traces whether it hasn't carefully been wiped after use and washings

IR	IM	IW

KM18

Cortical screw Ø 2 X 5,5

MATERIAL Stainless steel
USE Used to fix membranes
NOTE The box for 7 cortical screws is also available (cod. CONT6VA)

IR	IM	IW

VAM2055

Prehensile driver for cortical screw

MATERIAL Stainless steel
USE Used to take the cortical screw from the box and insert it in the prearranged hole
TORQUE Maximum torque recommended: 30 Ncm

IR	IM	IW

NE12P

Digital driver for handpiece instruments

MATERIAL Stainless steel
USE It allows the digital screwing of cortical screws when it is connected to the prehensile driver. The upper part of the driver has a 3x3 connection square which allows to connect it to wrenches and to the torque wrench
TORQUE Maximum torque recommended: 30 Ncm

IR	IM	IW

DDCNU

Handle for handpiece instruments

MATERIAL Stainless steel
USE It allows the manual screwing of cortical screws when it is connected to the prehensile driver
TORQUE Maximum torque recommended: 30 Ncm
NOTE L = 110 mm, Ø = 16 mm

IR	IM	IW

SSCNU

OCTAGONAL MORSE-TAPER CONNECTION

Transfer Screw

MATERIAL Stainless steel
USE Used to fix the transfers during impression taking
DRIVER Use driver Hex.1,20
TORQUE The use of a torque wrench at a torque value of 20-25 Ncm is recommended

	SR
L = 16 mm	690NA002
L = 25 mm	690NA003

Titanium retentive screw

MATERIAL Titanium grade 5 (Ti6Al4V)
USE Passing titanium screw for prosthetic components
DRIVER Use driver Hex.1,20
TORQUE The use of a torque wrench at a torque value of not more than 32 Ncm is recommended.

SR
690NA001

Basket kit for impression taking

MATERIAL POMC
USE Basket for transfers for impression taking. 4 pieces included

SR
310SR0A2.04

Silicone OR

MATERIAL Silicon
USE Spare part element for drills and instruments. 5 pieces included

	SR
Ø = 5,0 green	690NA053 Spare element for manual prehensile driver and for handpiece

Spare silicon rubber parts for plates kit

MATERIAL Coloured silicon
USE Rubber part to be inserted in the surgical box plates

	SR
Red	690NA050
Green	690NA049
Yellow	690NA048

	SR
Blue	690NA047
White	690NA052
Bold Green	690NA051

Tapping kit

MATERIAL Stainless steel
USE Used to restore the internal thread of the implant when damaged. The kit includes: tapping screw M 1,8 and driver Hex. 2
NOTE The tapping screw is realized in a special steel, which may cause the appearance of oxidation traces whether it hasn't carefully been wiped after use and washings

SR
KM20

Cortical Screw Ø 2 x 5,5

MATERIAL Stainless steel
USE Used to fix membranes
NOTE The box for 7 cortical screws is also available (cod. CONT6VA)

SR
VAM2055

Prehensile driver for cortical screw

MATERIAL Stainless steel
USE Used to take the cortical screw from the box and insert it in the prearranged hole
TORQUE Maximum torque recommended: 30 Ncm

SR
NE12P

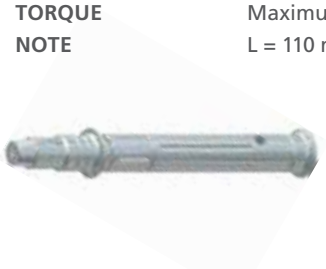
Digital driver for handpiece instruments

MATERIAL Stainless steel
USE It allows the digital screwing of cortical screws when it is connected to the prehensile driver. The upper part of the driver has a 3x3 connection square which allows to connect it to wrenches and to the torque wrench
TORQUE Maximum torque recommended: 30 Ncm

SR
DDCNU

Handle for handpiece instruments

MATERIAL Stainless steel
USE It allows the digital screwing of cortical screws when it is connected to the prehensile driver
TORQUE Maximum torque recommended: 30 Ncm
NOTE L = 110 mm, Ø = 16 mm



SR
SSCNU

INTERNAL OCTAGON CONNECTION

Transfer screw

MATERIAL Stainless steel
USE Used to fix the transfers during impression taking
DRIVER Use driver Hex.1,20
TORQUE The use of a torque wrench at a torque value of 20-25 Ncm is recommended

	3,6	4	5
L = 13 mm	690NA039		
L = 18 mm	690NA014		

Gold retentive screw

MATERIAL 24 carats-coated gold league
USE Used for the definitive closing of the abutments. The gold screw is coated with gold 24 carats, 0,7 micron thick. This covering acts like a dry lubricant, reducing the friction between the threads of the screw and the implant. The great elasticity and the league force increase the vertical lock forces (“pre-load”forces) of 74-76% compared to the screws covered with other materials, which brings to the following benefits: decrease of the possibility of unscrewing with consequent reduction of screw breaking risk, decrease of the probabilities of infiltrations, increase of recontructions reliability
DRIVER Use driver Hex. 1,20
TORQUE The use of a torque wrench at a torque value of not more than 32 Ncm is recommended

3,6	4	5
690NA018		

Titanium retentive screw

MATERIAL Titanium grade 5 (Ti6Al4V)
USE Passing titanium screw for prosthetic components
DRIVER Use driver Hex.1,20
TORQUE The use of a torque wrench at a torque value of not more than 32 Ncm is recommended.

3,6	4	5
690NA012		

Silicon OR

MATERIAL Silicon
USE Spare part element for drills and instruments. 5 pieces included

	3,6	4	5
Ø = 3,5 red	690NA028 Spare element for instruments provided with 3x3 connection square		
Ø = 4,5 red	690NA033 Spare element for instruments provided with 3x3 connection square		
Ø = 5,0 green	690NA053 Spare element for manual prehensile driver and for handpiece		

Spare silicon rubber parts for plates kit

MATERIAL Coloured silicon
USE Rubber part to be inserted in the surgical box plates

	3,6	4	5
Red	690NA050		
Green	690NA049		
Yellow	690NA048		

	3,6	4	5
Blue	690NA047		
White	690NA052		
Bold Green	690NA051		

Tapping kit

MATERIAL Stainless steel
USE Used to restore the internal thread of the implant when damaged. The kit includes: tapping screw M 1,8 and driver Hex. 2
NOTE The tapping screw is realized in a special steel, which may cause the appearance of oxidation traces whether it hasn't carefully been wiped after use and washings

3,6	4	5
KM18		

Cortical screw ø 2 x 5,5

MATERIAL Stainless steel
USE Used to fix membranes
NOTE The box for 7 cortical screws is also available (cod. CONT6VA)

3,6	4	5
VAM2055		

Prehensile driver for cortical screw

MATERIAL Inox steel
USE Used to take the cortical screw from the box and insert it in the hole predisposed
TORQUE Maximum torque of 30 Ncm

3,6	4	5
NE12P		

Digital driver for handpiece struments

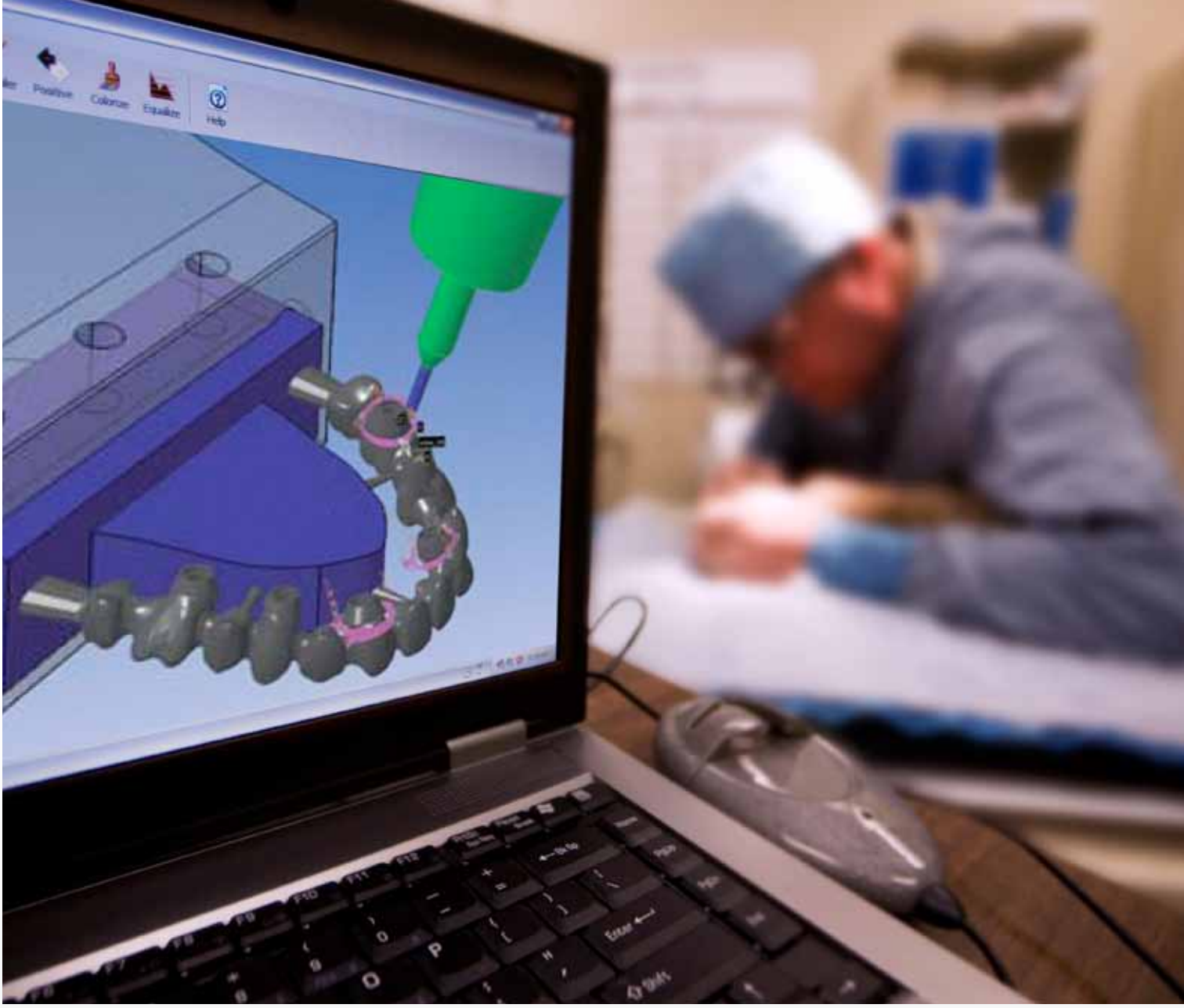
MATERIAL Stainless steel
USE It allows the digital screwing of cortical screws when it is connected to the prehensile driver. The upper part of the driver has a 3x3 connection square which allows to connect it to wrenches and to the torque wrench
TORQUE Maximum torque recommended: 30 Ncm

3,6	4	5
DDCNU		

Handle for handpiece instruments

MATERIAL Stainless steel
USE It allows the digital screwing of cortical screws when it is connected to the prehensile driver
TORQUE Maximum torque recommended: 30 Ncm
NOTE L = 110 mm, Ø = 16 mm

3,6	4	5
SSCNU		



special products

BTK 3D

The application of diagnostic imaging for computer-assisted implant surgery

BTK-3D is the software which easily and intuitively explores the anatomy of patients for surgery planning: with BTK 3D you will have intuitive, precise and predictable analysis and planning.

Easy
All functions are collected in a few icons: BTK-3D is devised to let the dentist easily and rapidly plan the surgery.

Intuitive
BTK-3D implant planning screens accurately reproduce CT scan statements to allow an immediate visual comparison.

Versatile
Several versions of the software are available: MONOPATIENT version for the treatment of one single patient); LIGHT and FULL versions (for the treatment of manifold cases).

Accessible
The potentialities of the software are fully workable through any PC or Notebook provided with the fundamental hardware standards.

All features supplied by BTK-3D software allow:

Total autonomy of the diagnosis

- Analysis of the patient's conditions
- Bones morphological and structural analysis
- Fast recognition and visualization of the mandibular canal

"in the flesh" patient's panoramic radiograph

- 3D restoration in high definition
- Filter function to underline the anatomic areas concerned
- Optimization of the volume for low-dose TC images

Focus on details

- Advanced imaging functions: virtual intraoral endoscopy
- Fast identification of inclusion elements
- Virtual tooth extraction and alveolus restoration

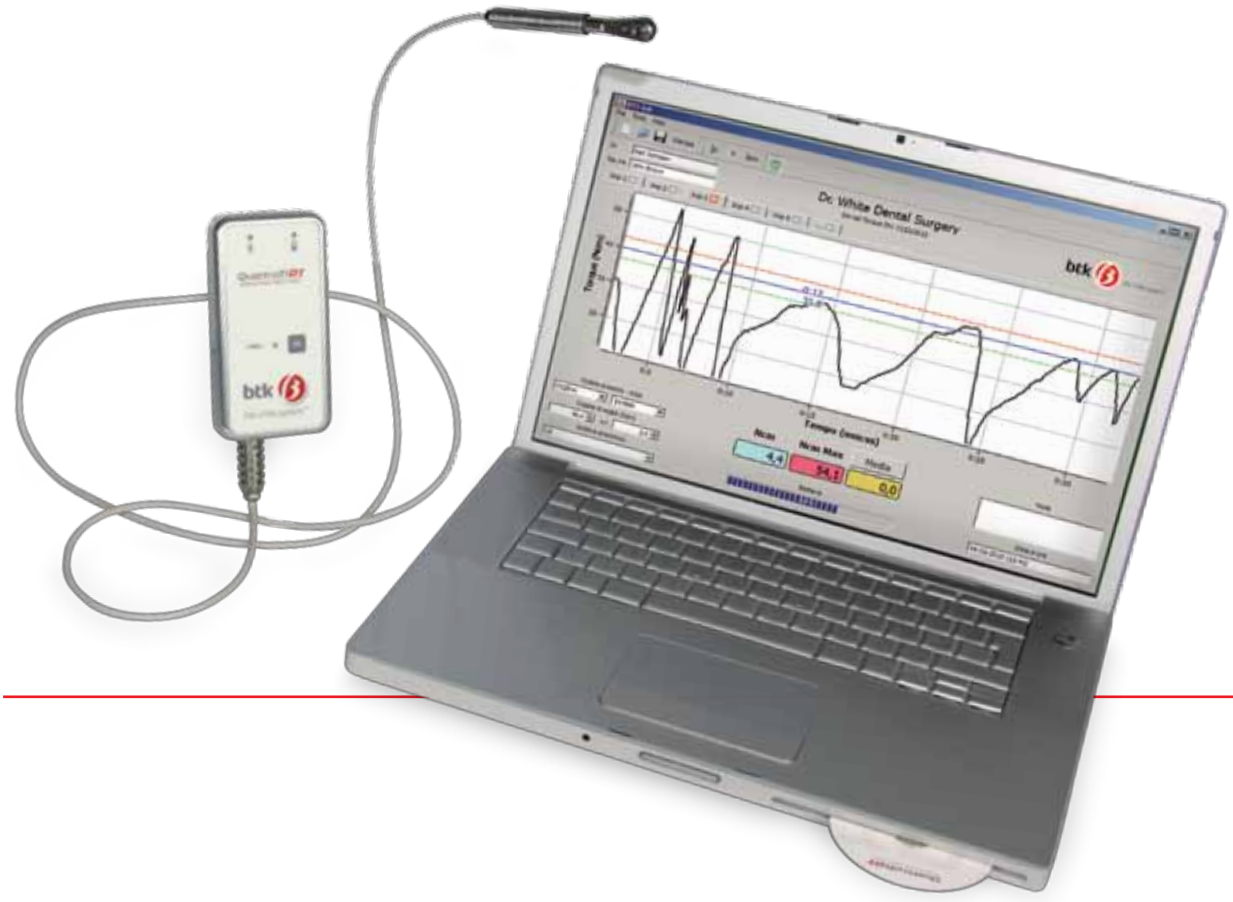
Planning (scheduling) of the surgical operation

- Automatic Dentascan restoration
- Lines, angles, areas and bone density measurement
- Implants placing simulation

QUATTROTI

The digital ratchet with strict and steady screwing precision

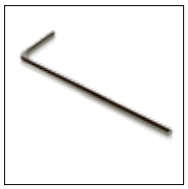
QUATTROTI is the digital ratchet which is able to test the torque values from 10 to 150 Ncm with the highest precision, allowing to faithfully follow the tightening parameters indicated by manufacturers. Featuring the Bluetooth technology, it is made in fully autoclavable components: the absence of damageable elements confers it maximum and long-lasting precision.



QUATTROTI includes:

Digital ratchet provided with cable

Bluetooth receiver



Disassembly wrench

Battery-charger

Adapter for instruments with 3x3 connection square

Cover cap

Software

Features

QUATTROTI is a trial tool in forensic science, since it is a certified metrological device.

PRECISE	absolute screwing precision thanks to the loading cell technology
VERSATILE	adaptable to any type of screwer and available for all BTK surgical instruments
AUTOCLAVABLE	avoiding any risk of damage of the loading cells technology
LONG-LASTING	its intense employment doesn't modify its precision, which keeps being invariable in time

Application fields

In the immediate load, it reports the real Ncm applied during the placement of the implant.
During prosthetic components screwing it identifies the Ncm applied during the tightening of the screw

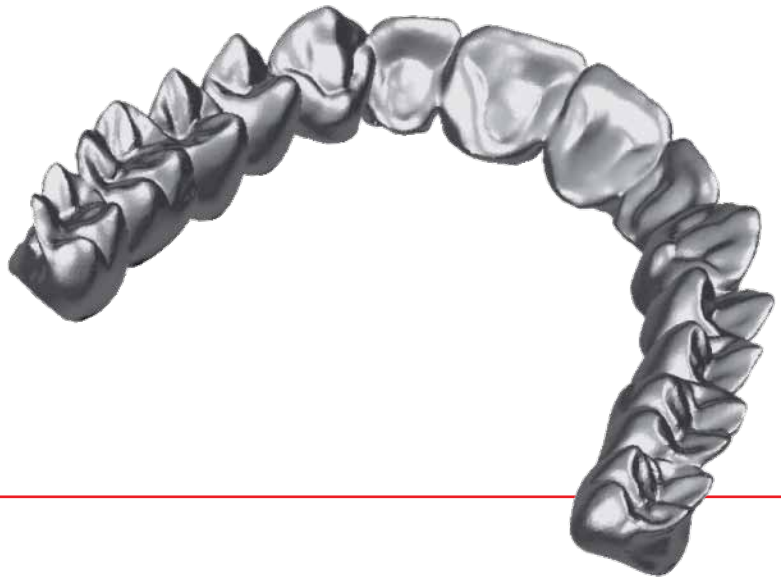
Functionality

The ratchet transfers in real-time to the pc the collected data via bluetooth.
The graph of the applied force time is displayed on the monitor of the pc.
The software stores and certifies the modalities of tightening.

BTK LAB

Your excellence partner in dental prosthesis components manufacture

BTK LAB center specializes in the production of dental structures through CAD-CAM process. Our productive line provides extremely accurate restorations to dental technicians and prosthodontic laboratories. With BTK LAB, Biotec-BTK guarantees the quality and strictness which are typical of a dental leader company, giving you plaster models collection, accurate processing, prompt delivery



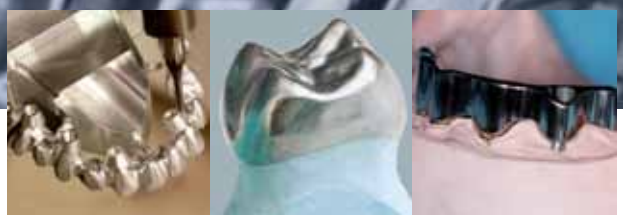
BTK LAB center avails itself of skilled technicians during each phase of the process:

INSPECTION AND TESTING
of digital files (STL),
plaster model or wax up

ACCURATE PROCESSING
through advanced
technologies

FINISH AND CONTROL
PROCESSES
made by our qualified
prosthodontists

QUICK DELIVERY
and order tracking

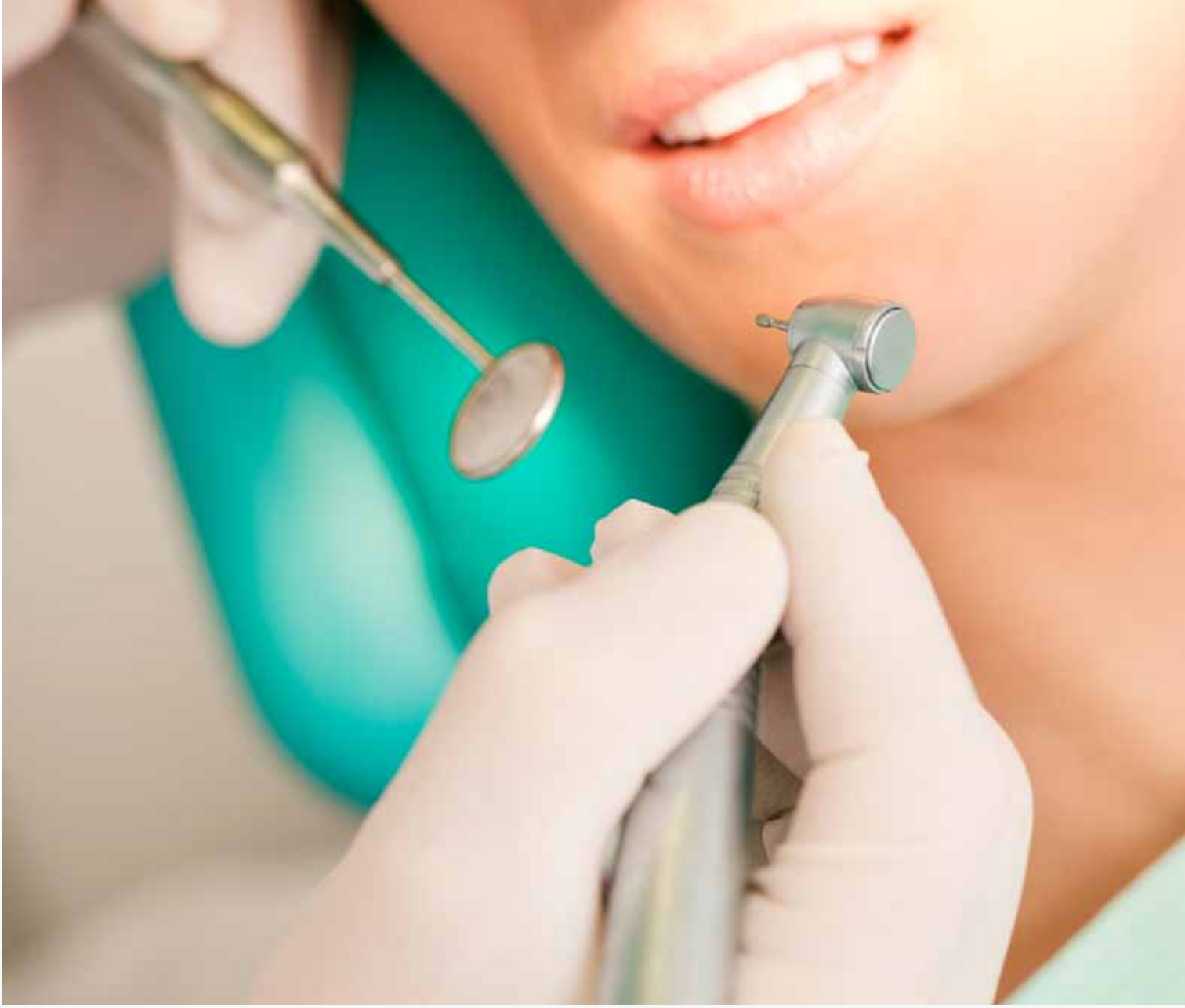


BTK LAB produces for you

- Structures of 1 to 14 elements
- Customized abutments
- Toronto-Implant bridge
- Milled bar

All prosthetic restorations are made of Titanium or Cobalt-alloy.

The best materials, the highest precision, severe checks: our **BTK LAB** experts ensure you accurate processes, order traceability and results which are 100% time-guaranteed.



indexes

Ascending codes index

002BFT05R - 003SEI3252R

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

CODE	DESCRIPTION	PAG.
002BFT05R	SPHERO BLOCK NORMO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 0,5MM	126
002BFT1R	SPHERO BLOCK NORMO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 1MM	126
002BFT2R	SPHERO BLOCK NORMO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 2MM	126
002BFT3R	SPHERO BLOCK NORMO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 3MM	126
002BFT4R	SPHERO BLOCK NORMO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 4MM	126
002BFT5R	SPHERO BLOCK NORMO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 5MM	126
002BFT6R	SPHERO BLOCK NORMO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 6MM	126
002BFT7R	SPHERO BLOCK NORMO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 7MM	126
002KOR331R	SPHERO BLOCK NORMO SPHERE EN Ø 2,5 H. 1MM H. 1MM	56
002KOR332R	SPHERO BLOCK NORMO SPHERE EN Ø 2,5 H. 1MM H. 2MM	56
002KOR333R	SPHERO BLOCK NORMO SPHERE EN Ø 2,5 H. 1MM H. 3MM	56
002KOR334R	SPHERO BLOCK NORMO SPHERE EN Ø 2,5 H. 1MM H. 4MM	56
002KOR335R	SPHERO BLOCK NORMO SPHERE EN Ø 2,5 H. 1MM H. 5MM	56
002KOR336R	SPHERO BLOCK NORMO SPHERE EN Ø 2,5 H. 1MM H. 6MM	56
002OTB361R	SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 1MM	145
002OTB362R	SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 2MM	145
002OTB363R	SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 3MM	145
002OTB364R	SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 4MM	145
002OTB365R	SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 5MM	145
002OTB366R	SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 6MM	145
002OTB41R	SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 1MM	145
002OTB42R	SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 2MM	145
002OTB43R	SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 3MM	145
002OTB44R	SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 4MM	145
002OTB45R	SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 5MM	145
002OTB46R	SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 6MM	145
002SEI3251R	SPHERO BLOCK NORMO SPHERE IR Ø 2,5H. 1MM	98
002SEI3252R	SPHERO BLOCK NORMO SPHERE IR Ø 2,5H. 2MM	98
002SEI3253R	SPHERO BLOCK NORMO SPHERE IR Ø 2,5H. 3MM	98
002SEI3254R	SPHERO BLOCK NORMO SPHERE IR Ø 2,5H. 4MM	98
002SEI3255R	SPHERO BLOCK NORMO SPHERE IR Ø 2,5H. 5MM	98
002SEI3256R	SPHERO BLOCK NORMO SPHERE IR Ø 2,5H. 6MM	98
002SEI4251R	SPHERO BLOCK NORMO SPHERE IM Ø 2,5 H. 1MM	98
002SEI4252R	SPHERO BLOCK NORMO SPHERE IM Ø 2,5 H. 2MM	98
002SEI4253R	SPHERO BLOCK NORMO SPHERE IM Ø 2,5 H. 3MM	98
002SEI4254R	SPHERO BLOCK NORMO SPHERE IM Ø 2,5 H. 4MM	98
002SEI4255R	SPHERO BLOCK NORMO SPHERE IM Ø 2,5 H. 5MM	98
002SEI4256R	SPHERO BLOCK NORMO SPHERE IM Ø 2,5 H. 6MM	98
002SEI51R	SPHERO BLOCK NORMO SPHERE IW Ø 2,5 H. 1MM	98
002SEI52R	SPHERO BLOCK NORMO SPHERE IW Ø 2,5 H. 2MM	98
002SEI53R	SPHERO BLOCK NORMO SPHERE IW Ø 2,5 H. 3MM	98
002SEI54R	SPHERO BLOCK NORMO SPHERE IW Ø 2,5 H. 4MM	98
002SEI55R	SPHERO BLOCK NORMO SPHERE IW Ø 2,5 H. 5MM	98
002SEI56R	SPHERO BLOCK NORMO SPHERE IW Ø 2,5 H. 6MM	98
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002TRE3752R	SPHERO BLOCK NORMO SPHERE ER Ø 2,5 H. 2MM	56
002TRE3753R	SPHERO BLOCK NORMO SPHERE ER Ø 2,5 H. 3MM	56
002TRE3754R	SPHERO BLOCK NORMO SPHERE ER Ø 2,5 H. 4MM	56
002TRE3755R	SPHERO BLOCK NORMO SPHERE ER Ø 2,5 H. 5MM	56
002TRE3756R	SPHERO BLOCK NORMO SPHERE ER Ø 2,5 H. 6MM	56
002TRE51R	SPHERO BLOCK NORMO SPHERE EW Ø 2,5 H. 1MM	56
002TRE52R	SPHERO BLOCK NORMO SPHERE EW Ø 2,5 H. 2MM	56
002TRE53R	SPHERO BLOCK NORMO SPHERE EW Ø 2,5 H. 3MM	56
002TRE54R	SPHERO BLOCK NORMO SPHERE EW Ø 2,5 H. 4MM	56
002TRE55R	SPHERO BLOCK NORMO SPHERE EW Ø 2,5 H. 5MM	56
002TRE56R	SPHERO BLOCK NORMO SPHERE EW Ø 2,5 H. 6MM	56
003BFT05R	SPHERO BLOCK MICRO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 0,5MM	126
003BFT1R	SPHERO BLOCK MICRO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 1MM	126
003BFT2R	SPHERO BLOCK MICRO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 2MM	126
003BFT3R	SPHERO BLOCK MICRO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 3MM	126
003BFT4R	SPHERO BLOCK MICRO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 4MM	126
003BFT5R	SPHERO BLOCK MICRO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 5MM	126
003BFT6R	SPHERO BLOCK MICRO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 6MM	126
003BFT7R	SPHERO BLOCK MICRO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 7MM	126
003KOR331R	SPHERO BLOCK MICRO SPHERE EN Ø 1,8 H. 1MM	56
003KOR332R	SPHERO BLOCK MICRO SPHERE EN Ø 1,8 H. 2MM	56
003KOR333R	SPHERO BLOCK MICRO SPHERE EN Ø 1,8 H. 3MM	56
003KOR334R	SPHERO BLOCK MICRO SPHERE EN Ø 1,8 H. 4MM	56
003KOR335R	SPHERO BLOCK MICRO SPHERE EN Ø 1,8 H. 5MM	56
003KOR336R	SPHERO BLOCK MICRO SPHERE EN Ø 1,8 H. 6MM	56
003OTB361R	SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 4,00 H. 1MM	145
003OTB362R	SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 4,00 H. 2MM	145
003OTB363R	SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 4,00 H. 3MM	145
003OTB364R	SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 4,00 H. 4MM	145
003OTB365R	SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 4,00 H. 5MM	145
003OTB366R	SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 4,00 H. 6MM	145
003OTB41R	SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 5,00 H. 1MM	145
003OTB42R	SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 5,00 H. 2MM	145
003OTB43R	SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 5,00 H. 3MM	145
003OTB44R	SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 5,00 H. 4MM	145
003OTB45R	SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 5,00 H. 5MM	145
003OTB46R	SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 5,00 H. 6MM	145
003SEI3251R	SPHERO BLOCK MICRO IR Ø 1,8 H. 1MM	98
003SEI3252R	SPHERO BLOCK MICRO IR Ø 1,8 H. 2MM	98

> continued from code index

003SEI3253R - 106IR32L.10

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

CODE	DESCRIPTION	PAG.
003SEI3253R	SPHERO BLOCK MICRO IR Ø 1,8 H. 3MM	98
003SEI3254R	SPHERO BLOCK MICRO IR Ø 1,8 H. 4MM	98
003SEI3255R	SPHERO BLOCK MICRO IR Ø 1,8 H. 5MM	98
003SEI3256R	SPHERO BLOCK MICRO IR Ø 1,8 H. 6MM	98
003SEI4251R	SPHERO BLOCK MICRO SPHERE IM Ø 1,8 H. 1MM	98
003SEI4252R	SPHERO BLOCK MICRO SPHERE IM Ø 1,8 H. 2MM	98
003SEI4253R	SPHERO BLOCK MICRO SPHERE IM Ø 1,8 H. 3MM	98
003SEI4254R	SPHERO BLOCK MICRO SPHERE IM Ø 1,8 H. 4MM	98
003SEI4255R	SPHERO BLOCK MICRO SPHERE IM Ø 1,8 H. 5MM	98
003SEI4256R	SPHERO BLOCK MICRO SPHERE IM Ø 1,8 H. 6MM	98
003SEI51R	SPHERO BLOCK MICRO SPHERE IW Ø 1,8 H. 1MM	98
003SEI52R	SPHERO BLOCK MICRO SPHERE IW Ø 1,8 H. 2MM	98
003SEI53R	SPHERO BLOCK MICRO SPHERE IW Ø 1,8 H. 3MM	98
003SEI54R	SPHERO BLOCK MICRO SPHERE IW Ø 1,8 H. 4MM	98
003SEI55R	SPHERO BLOCK MICRO SPHERE IW Ø 1,8 H. 5MM	98
003SEI56R	SPHERO BLOCK MICRO SPHERE IW Ø 1,8 H. 6MM	98
003TRE3751R	SPHERO BLOCK MICRO SPHERE ER Ø 1,8 H.1	56
003TRE3752R	SPHERO BLOCK MICRO SPHERE ER Ø 1,8 H.2	56
003TRE3753R	SPHERO BLOCK MICRO SPHERE ER Ø 1,8 H.3	56
003TRE3754R	SPHERO BLOCK MICRO SPHERE ER Ø 1,8 H.4	56
003TRE3755R	SPHERO BLOCK MICRO SPHERE ER Ø 1,8 H.5	56
003TRE3756R	SPHERO BLOCK MICRO SPHERE ER Ø 1,8 H.6	56
003TRE51R	SPHERO BLOCK MICRO SPHERE EW Ø 1,8 H. 1MM	56
003TRE52R	SPHERO BLOCK MICRO SPHERE EW Ø 1,8 H. 2MM	56
003TRE53R	SPHERO BLOCK MICRO SPHERE EW Ø 1,8 H. 3MM	56
003TRE54R	SPHERO BLOCK MICRO SPHERE EW Ø 1,8 H. 4MM	56
003TRE55R	SPHERO BLOCK MICRO SPHERE EW Ø 1,8 H. 5MM	56
003TRE56R	SPHERO BLOCK MICRO SPHERE EW Ø 1,8 H. 6MM	56
103EN32J	BT KLASSIC IMPLANT Ø3.25MM EN X 8.50MM	27
103EN32J.10	BT KLASSIC IMPLANT Ø3.25MM EN X 8.50MM (10 PIECES BOX)	27
103EN32L	BT KLASSIC IMPLANT Ø3.25MM EN X 10.0MM	27
103EN32L.10	BT KLASSIC IMPLANT Ø3.25MM EN X 10.0MM (10 PIECES BOX)	27
103EN32M	BT KLASSIC IMPLANT Ø3.25MM EN X 11.5MM	27
103EN32M.10	BT KLASSIC IMPLANT Ø3.25MM EN X 11.5MM (10 PIECES BOX)	27
103EN32P	BT KLASSIC IMPLANT Ø3.25MM EN X 13.0MM	27
103EN32P.10	BT KLASSIC IMPLANT Ø3.25MM EN X 13.0MM (10 PIECES BOX)	27
103EN32R	BT KLASSIC IMPLANT Ø3.25MM EN X 15.0MM	27
103EN32R.10	BT KLASSIC IMPLANT Ø3.25MM EN X 15.0MM (10 PIECES BOX)	27
103ER32J	BT KLASSIC IMPLANT Ø3.25MM ER X 8.50MM	27
103ER32J.10	BT KLASSIC IMPLANT Ø3.25MM ER X 8.50MM (10 PIECES BOX)	27
103ER32L	BT KLASSIC IMPLANT Ø3.25MM ER X 10.0MM	27
103ER32M	BT KLASSIC IMPLANT Ø3.25MM ER X 11.5MM	27
103ER32P	BT KLASSIC IMPLANT Ø3.25MM ER X 13.0MM	27
103ER32R	BT KLASSIC IMPLANT Ø3.25MM ER X 15.0MM	27
103ER37J	BT KLASSIC IMPLANT Ø3.75MM ER X 8.50MM	27
103ER37J.10	BT KLASSIC IMPLANT Ø3.75MM ER X 8.50MM (10 PIECES BOX)	27
103ER37L	BT KLASSIC IMPLANT Ø3.75MM ER X 10.0MM	27
103ER37L.10	BT KLASSIC IMPLANT Ø3.75MM ER X 10.0MM (10 PIECES BOX)	27
103ER37M	BT KLASSIC IMPLANT Ø3.75MM ER X 11.5MM	27
103ER37M.10	BT KLASSIC IMPLANT Ø3.75MM ER X 11.5MM (10 PIECES BOX)	27
103ER37P	BT KLASSIC IMPLANT Ø3.75MM ER X 13.0MM	27
103ER37P.10	BT KLASSIC IMPLANT Ø3.75MM ER X 13.0MM (10 PIECES BOX)	27
103ER37R	BT KLASSIC IMPLANT Ø3.75MM ER X 15.0MM	27
103ER37R.10	BT KLASSIC IMPLANT Ø3.75MM ER X 15.0MM (10 PIECES BOX)	27
103ER40J	BT KLASSIC IMPLANT Ø4.00MM ER X 8.50MM	27
103ER40J.10	BT KLASSIC IMPLANT Ø4.00MM ER X 8.50MM (10 PIECES BOX)	27
103ER40L	BT KLASSIC IMPLANT Ø4.00MM ER X 10.0MM	27
103ER40L.10	BT KLASSIC IMPLANT Ø4.00MM ER X 10.0MM (10 PIECES BOX)	27
103ER40M	BT KLASSIC IMPLANT Ø4.00MM ER X 11.5MM	27
103ER40M.10	BT KLASSIC IMPLANT Ø4.00MM ER X 11.5MM (10 PIECES BOX)	27
103ER40P	BT KLASSIC IMPLANT Ø4.00MM ER X 13.0MM	27
103ER40P.10	BT KLASSIC IMPLANT Ø4.00MM ER X 13.0MM (10 PIECES BOX)	27
103ER40R	BT KLASSIC IMPLANT Ø4.00MM ER X 15.0MM	27
103ER40R.10	BT KLASSIC IMPLANT Ø4.00MM ER X 15.0MM (10 PIECES BOX)	27
103ER40T	BT KLASSIC IMPLANT Ø4.00MM ER X 18.0MM	27
103ER40T.10	BT KLASSIC IMPLANT Ø4.00MM ER X 18.0MM (10 PIECES BOX)	27
103EW50J	BT KLASSIC IMPLANT Ø5.00MM EW X 8.50MM	27
103EW50J.10	BT KLASSIC IMPLANT Ø5.00MM EW X 8.50MM (10 PIECES BOX)	27
103EW50L	BT KLASSIC IMPLANT Ø5.00MM EW X 10.0MM	27
103EW50L.10	BT KLASSIC IMPLANT Ø5.00MM EW X 10.0MM (10 PIECES BOX)	27
103EW50M	BT KLASSIC IMPLANT Ø5.00MM EW X 11.5MM	27
103EW50M.10	BT KLASSIC IMPLANT Ø5.00MM EW X 11.5MM (10 PIECES BOX)	27
103EW50P	BT KLASSIC IMPLANT Ø5.00MM EW X 13.0MM	27
103EW50P.10	BT KLASSIC IMPLANT Ø5.00MM EW X 13.0MM (10 PIECES BOX)	27
103EW50R	BT KLASSIC IMPLANT Ø5.00MM EW X 15.0MM	27
106IM42J	BT KLASSIC IMPLANT Ø4.25MM IM X 8.50MM	67
106IM42L	BT KLASSIC IMPLANT Ø4.25MM IM X 10.0MM	67
106IM42L.10	BT KLASSIC IMPLANT Ø4.25MM IM X 10.0MM (10 PIECES BOX)	67
106IM42M	BT KLASSIC IMPLANT Ø4.25MM IM X 11.5MM	67
106IM42M.10	BT KLASSIC IMPLANT Ø4.25MM IM X 11.5MM (10 PIECES BOX)	67
106IM42P	BT KLASSIC IMPLANT Ø4.25MM IM X 13.0MM	67
106IM42R	BT KLASSIC IMPLANT Ø4.25MM IM X 15.0MM	67
106IR32L	BT KLASSIC IMPLANT Ø3.25MM IR X 10.0MM	67
106IR32L.10	BT KLASSIC IMPLANT Ø3.25MM IR X 10.0MM (10 PIECES BOX)	67

> continued from code index

106IR32M - 109OTB365R

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

CODE	DESCRIPTION	PAG.
106IR32M	BT KLASSIC IMPLANT Ø3.25MM IR X 11.5MM	67
106IR32M.10	BT KLASSIC IMPLANT Ø3.25MM IR X 11.5MM (10 PIECES BOX)	67
106IR32P	BT KLASSIC IMPLANT Ø3.25MM IR X 13.0MM	67
106IR32P.10	BT KLASSIC IMPLANT Ø3.25MM IR X 13.0MM (10 PIECES BOX)	67
106IR32R	BT KLASSIC IMPLANT Ø3.25MM IR X 15.0MM	67
106IR37J	BT KLASSIC IMPLANT Ø3.75MM IR X 8.50MM	67
106IR37L	BT KLASSIC IMPLANT Ø3.75MM IR X 10.0MM	67
106IR37L.10	BT KLASSIC IMPLANT Ø3.75MM IR X 10.0MM (10 PIECES BOX)	67
106IR37M	BT KLASSIC IMPLANT Ø3.75MM IR X 11.5MM	67
106IR37M.10	BT KLASSIC IMPLANT Ø3.75MM IR X 11.5MM (10 PIECES BOX)	67
106IR37P	BT KLASSIC IMPLANT Ø3.75MM IR X 13.0MM	67
106IR37P.10	BT KLASSIC IMPLANT Ø3.75MM IR X 13.0MM (10 PIECES BOX)	67
106IR37R	BT KLASSIC IMPLANT Ø3.75MM IR X 15.0MM	67
106IW50J	BT KLASSIC IMPLANT Ø5.00MM IW X 8.50MM	67
106IW50L	BT KLASSIC IMPLANT Ø5.00MM IW X 10.0MM	67
106IW50L.10	BT KLASSIC IMPLANT Ø5.00MM IW X 10.0MM (10 PIECES BOX)	67
106IW50M	BT KLASSIC IMPLANT Ø5.00MM IW X 11.5MM	67
106IW50P	BT KLASSIC IMPLANT Ø5.00MM IW X 13.0MM	67
106IW50R	BT KLASSIC IMPLANT Ø5.00MM IW X 15.0MM	67
107EN32L	BT KONIC IMPLANT Ø3.25MM EN X 10.0MM	33
107EN32M	BT KONIC IMPLANT Ø3.25MM EN X 11.5MM	33
107EN32P	BT KONIC IMPLANT Ø3.25MM EN X 13.0MM	33
107EN32P.10	BT KONIC IMPLANT Ø3.25MM EN X 13.0MM (10 PIECES BOX)	33
107EN32R	BT KONIC IMPLANT Ø3.25MM EN X 15.0MM	33
107ER40J	BT KONIC IMPLANT Ø4.00MM ER X 8.50MM	33
107ER40J.10	BT KONIC IMPLANT Ø4.00MM ER X 8.50MM (10 PIECES BOX)	33
107ER40L	BT KONIC IMPLANT Ø4.00MM ER X 10.0MM	33
107ER40L.10	BT KONIC IMPLANT Ø4.00MM ER X 10.0MM (10 PIECES BOX)	33
107ER40M	BT KONIC IMPLANT Ø4.00MM ER X 11.5MM	33
107ER40M.10	BT KONIC IMPLANT Ø4.00MM ER X 11.5MM (10 PIECES BOX)	33
107ER40P	BT KONIC IMPLANT Ø4.00MM ER X 13.0MM	33
107ER40P.10	BT KONIC IMPLANT Ø4.00MM ER X 13.0MM (10 PIECES BOX)	33
107ER40R	BT KONIC IMPLANT Ø4.00MM ER X 15.0MM	33
107ER40R.10	BT KONIC IMPLANT Ø4.00MM ER X 15.0MM (10 PIECES BOX)	33
107EW50J	BT KONIC IMPLANT Ø5.00MM EW X 8.50MM	33
107EW50J.10	BT KONIC IMPLANT Ø5.00MM EW X 8.50MM (10 PIECES BOX)	33
107EW50L	BT KONIC IMPLANT Ø5.00MM EW X 10.0MM	33
107EW50L.10	BT KONIC IMPLANT Ø5.00MM EW X 10.0MM (10 PIECES BOX)	33
107EW50M	BT KONIC IMPLANT Ø5.00MM EW X 11.5MM	33
107EW50M.10	BT KONIC IMPLANT Ø5.00MM EW X 11.5MM (10 PIECES BOX)	33
107EW50P	BT KONIC IMPLANT Ø5.00MM EW X 13.0MM	33
107EW50P.10	BT KONIC IMPLANT Ø5.00MM EW X 13.0MM (10 PIECES BOX)	33

CODE	DESCRIPTION	PAG.
107EW50R	BT KONIC IMPLANT Ø5.00MM EW X 15.0MM	33
108IR32L	BT KONIC IMPLANT Ø3.25MM IR X 10.0MM	73
108IR32L.10	BT KONIC IMPLANT Ø3.25MM IR X 10.0MM (10 PIECES BOX)	73
108IR32M	BT KONIC IMPLANT Ø3.25MM IR X 11.5MM	73
108IR32M.10	BT KONIC IMPLANT Ø3.25MM IR X 11.5MM (10 PIECES BOX)	73
108IR32P	BT KONIC IMPLANT Ø3.25MM IR X 13.0MM	73
108IR32P.10	BT KONIC IMPLANT Ø3.25MM IR X 13.0MM (10 PIECES BOX)	73
108IR32R	BT KONIC IMPLANT Ø3.25MM IR X 15.0MM	73
108IR40J	BT KONIC IMPLANT Ø4.00MM IR X 8.50MM	73
108IR40J.10	BT KONIC IMPLANT Ø4.00MM IR X 8.50MM (10 PIECES BOX)	73
108IR40L	BT KONIC IMPLANT Ø4.00MM IR X 10.0MM	73
108IR40L.10	BT KONIC IMPLANT Ø4.00MM IR X 10.0MM (10 PIECES BOX)	73
108IR40M	BT KONIC IMPLANT Ø4.00MM IR X 11.5MM	73
108IR40M.10	BT KONIC IMPLANT Ø4.00MM IR X 11.5MM (10 PIECES BOX)	73
108IR40P	BT KONIC IMPLANT Ø4.00MM IR X 13.0MM	73
108IR40P.10	BT KONIC IMPLANT Ø4.00MM IR X 13.0MM (10 PIECES BOX)	73
108IR40R	BT KONIC IMPLANT Ø4.00MM IR X 15.0MM	73
108IW50J	BT KONIC IMPLANT Ø5.00MM IW X 8.50MM	73
108IW50L	BT KONIC IMPLANT Ø5.00MM IW X 10.0MM	73
108IW50L.10	BT KONIC IMPLANT Ø5.00MM IW X 10.0MM (10 PIECES BOX)	73
108IW50M	BT KONIC IMPLANT Ø5.00MM IW X 11.5MM	73
108IW50P	BT KONIC IMPLANT Ø5.00MM IW X 13.0MM	73
108IW50R	BT KONIC IMPLANT Ø5.00MM IW X 15.0MM	73
109BFT05R	SPHERO FLEX SFERA OCTA/SOLID Ø 2,5 H. 0,5MM	126
109BFT1R	SPHERO FLEX SFERA OCTA/SOLID Ø 2,5 H. 1MM	126
109BFT2R	SPHERO FLEX SFERA OCTA/SOLID Ø 2,5 H. 2MM	126
109BFT3R	SPHERO FLEX SFERA OCTA/SOLID Ø 2,5 H. 3MM	126
109BFT4R	SPHERO FLEX SFERA OCTA/SOLID Ø 2,5 H. 4MM	126
109BFT5R	SPHERO FLEX SFERA OCTA/SOLID Ø 2,5 H. 5MM	126
109BFT6R	SPHERO FLEX SFERA OCTA/SOLID Ø 2,5 H. 6MM	126
109BFT7R	SPHERO FLEX SFERA OCTA/SOLID Ø 2,5 H. 7MM	126
109KOR331R	SPHERO FLEX SPHERE EN 2,5 H. 1MM	56
109KOR332R	SPHERO FLEX SPHERE EN 2,5 H. 2MM	56
109KOR333R	SPHERO FLEX SPHERE EN 2,5 H. 3MM	56
109KOR334R	SPHERO FLEX SPHERE EN 2,5 H. 4MM	56
109KOR335R	SPHERO FLEX SPHERE EN 2,5 H. 5MM	56
109KOR336R	SPHERO FLEX SPHERE EN 2,5 H. 6MM	56
109OTB361R	SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 1MM	145
109OTB362R	SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 2MM	145
109OTB363R	SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 3MM	145
109OTB364R	SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 4MM	145
109OTB365R	SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 5MM	145

> continued from code index

109OTB366R - 115IR40P

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

CODE	DESCRIPTION	PAG.
109OTB366R	SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 6MM	145
109OTB41R	SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 1MM	145
109OTB42R	SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 2MM	145
109OTB43R	SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 3MM	145
109OTB44R	SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 4MM	145
109OTB45R	SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 5MM	145
109OTB46R	SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 6MM	145
109SEI3251R	SPHERO FLEX SPHERE IR Ø 2,5 H. 1MM	98
109SEI3252R	SPHERO FLEX SPHERE IR Ø 2,5 H. 2MM	98
109SEI3253R	SPHERO FLEX SPHERE IR Ø 2,5 H. 3MM	98
109SEI3254R	SPHERO FLEX SPHERE IR Ø 2,5 H. 4MM	98
109SEI3255R	SPHERO FLEX SPHERE IR Ø 2,5 H. 5MM	98
109SEI3256R	SPHERO FLEX SPHERE IR Ø 2,5 H. 6MM	98
109SEI4251R	SPHERO FLEX SPHERE IM Ø 2,5 H. 1MM	98
109SEI4252R	SPHERO FLEX SPHERE IM Ø 2,5 H. 2MM	98
109SEI4253R	SPHERO FLEX SPHERE IM Ø 2,5 H. 3MM	98
109SEI4254R	SPHERO FLEX SPHERE IM Ø 2,5 H. 4MM	98
109SEI4255R	SPHERO FLEX SPHERE IM Ø 2,5 H. 5MM	98
109SEI4256R	SPHERO FLEX SPHERE IM Ø 2,5 H. 6MM	98
109SEI51R	SPHERO FLEX SPHERE IW Ø 2,5 H. 1MM	98
109SEI52R	SPHERO FLEX SPHERE IW Ø 2,5 H. 2MM	98
109SEI53R	SPHERO FLEX SPHERE IW Ø 2,5 H. 3MM	98
109SEI54R	SPHERO FLEX SPHERE IW Ø 2,5 H. 4MM	98
109SEI55R	SPHERO FLEX SPHERE IW Ø 2,5 H. 5MM	98
109SEI56R	SPHERO FLEX SPHERE IW Ø 2,5 H. 6MM	98
109TRE3751R	SPHERO FLEX SPHERE ER 2,5 H. 1MM	56
109TRE3752R	SPHERO FLEX SPHERE ER 2,5 H. 2MM	56
109TRE3753R	SPHERO FLEX SPHERE ER 2,5 H. 3MM	56
109TRE3754R	SPHERO FLEX SPHERE ER 2,5 H. 4MM	56
109TRE3755R	SPHERO FLEX SPHERE ER 2,5 H. 5MM	56
109TRE3756R	SPHERO FLEX SPHERE ER 2,5 H. 6MM	56
109TRE51R	SPHERO FLEX SPHERE EW 2,5 H. 1MM	56
109TRE52R	SPHERO FLEX SPHERE EW 2,5 H. 2MM	56
109TRE53R	SPHERO FLEX SPHERE EW 2,5 H. 3MM	56
109TRE54R	SPHERO FLEX SPHERE EW 2,5 H. 4MM	56
109TRE55R	SPHERO FLEX SPHERE EW 2,5 H. 5MM	56
109TRE56R	SPHERO FLEX SPHERE EW 2,5 H. 6MM	56
111EN33J	BT EVO DL IMPLANT Ø3.3MM EN X 8.50MM	39
111EN33L	BT EVO DL IMPLANT Ø3.3MM EN X 10.0MM	39
111EN33M	BT EVO DL IMPLANT Ø3.3MM EN X 11.5MM	39
111EN33P	BT EVO DL IMPLANT Ø3.3MM EN X 13.0MM	39
111EN33R	BT EVO DL IMPLANT Ø3.3MM EN X 15.0MM	39

CODE	DESCRIPTION	PAG.
111ER40I	BT EVO DL IMPLANT Ø4.0MM ER X 7.0MM	39
111ER40J	BT EVO DL IMPLANT Ø4.0MM ER X 8.50MM	39
111ER40L	BT EVO DL IMPLANT Ø4.0MM ER X 10.0MM	39
111ER40L.10	BT EVO DL IMPLANT Ø4.0MM ER X 10.0MM (10 PIECES BOX)	39
111ER40M	BT EVO DL IMPLANT Ø4.0MM ER X 11.5MM	39
111ER40P	BT EVO DL IMPLANT Ø4.0MM ER X 13.0MM	39
111ER40R	BT EVO DL IMPLANT Ø4.0MM ER X 15.0MM	39
111EW50I	BT EVO DL IMPLANT Ø5.0MM EW X 7.0MM	39
111EW50J	BT EVO DL IMPLANT Ø5.0MM EW X 8.50MM	39
111EW50L	BT EVO DL IMPLANT Ø5.0MM EW X 10.0MM	39
111EW50M	BT EVO DL IMPLANT Ø5.0MM EW X 11.5MM	39
111EW50P	BT EVO DL IMPLANT Ø5.0MM EW X 13.0MM	39
111EW50R	BT EVO DL IMPLANT Ø5.0MM EW X 15.0MM	39
113EN33J	BT EVO DL IMPLANT Ø3.3MM EN SP X 8.50MM	39
113EN33L	BT EVO DL IMPLANT Ø3.3MM EN SP X 10.0MM	39
113EN33M	BT EVO DL IMPLANT Ø3.3MM EN SP X 11.5MM	39
113EN33P	BT EVO DL IMPLANT Ø3.3MM EN SP X 13.0MM	39
113EN33R	BT EVO DL IMPLANT Ø3.3MM EN SP X 15.0MM	39
113ER40I	BT EVO DL IMPLANT Ø4.0MM ER SP X 7.0MM	39
113ER40J	BT EVO DL IMPLANT Ø4.0MM ER SP X 8.50MM	39
113ER40L	BT EVO DL IMPLANT Ø4.0MM ER SP X 10.0MM	39
113ER40M	BT EVO DL IMPLANT Ø4.0MM ER SP X 11.5MM	39
113ER40P	BT EVO DL IMPLANT Ø4.0MM ER SP X 13.0MM	39
113ER40R	BT EVO DL IMPLANT Ø4.0MM ER SP X 15.0MM	39
113EW50I	BT EVO DL IMPLANT Ø5.0MM EW SP X 7.0MM	39
113EW50J	BT EVO DL IMPLANT Ø5.0MM EW SP X 8.50MM	39
113EW50L	BT EVO DL IMPLANT Ø5.0MM EW SP X 10.0MM	39
113EW50M	BT EVO DL IMPLANT Ø5.0MM EW SP X 11.5MM	39
113EW50P	BT EVO DL IMPLANT Ø5.0MM EW SP X 13.0MM	39
113EW50R	BT EVO DL IMPLANT Ø5.0MM EW SP X 15.0MM	39
115IR33L	BT EVO DL IMPLANT Ø3.3MM IR X 10.0MM	79
115IR33L.10	BT EVO DL IMPLANT Ø3.3MM IR X 10.0MM (10 PIECES BOX)	79
115IR33M	BT EVO DL IMPLANT Ø3.3MM IR X 11.5MM	79
115IR33M.10	BT EVO DL IMPLANT Ø3.3MM IR X 11.5MM (10 PIECES BOX)	79
115IR33P	BT EVO DL IMPLANT Ø3.3MM IR X 13.0MM	79
115IR33R	BT EVO DL IMPLANT Ø3.3MM IR X 15.0MM	79
115IR40J	BT EVO DL IMPLANT Ø4.0MM IR X 8.50MM	79
115IR40L	BT EVO DL IMPLANT Ø4.0MM IR X 10.0MM	79
115IR40L.10	BT EVO DL IMPLANT Ø4.0MM IR X 10.0MM (10 PIECES BOX)	79
115IR40M	BT EVO DL IMPLANT Ø4.0MM IR X 11.5MM	79
115IR40M.10	BT EVO DL IMPLANT Ø4.0MM IR X 11.5MM (10 PIECES BOX)	79
115IR40P	BT EVO DL IMPLANT Ø4.0MM IR X 13.0MM	79

> continued from code index

115IR40R - 201IW5A0

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

CODE	DESCRIPTION	PAG.
115IR40R	BT EVO DL IMPLANT Ø4.0MM IR X 15.0MM	79
115IW50I	BT EVO DL IMPLANT Ø5.0MM IW X 7.0MM	79
115IW50J	BT EVO DL IMPLANT Ø5.0MM IW X 8.50MM	79
115IW50L	BT EVO DL IMPLANT Ø5.0MM IW X 10.0MM	79
115IW50L.10	BT EVO DL IMPLANT Ø5.0MM IW X 10.0MM (10 PIECES BOX)	79
115IW50M	BT EVO DL IMPLANT Ø5.0MM IW X 11.5MM	79
115IW50M.10	BT EVO DL IMPLANT Ø5.0MM IW X 11.5MM (10 PIECES BOX)	79
115IW50P	BT EVO DL IMPLANT Ø5.0MM IW X 13.0MM	79
115IW50R	BT EVO DL IMPLANT Ø5.0MM IW X 15.0MM	79
117IR33L	BT EVO DL IMPLANT Ø3.3MM IR SP X 10.0MM	79
117IR33M	BT EVO DL IMPLANT Ø3.3MM IR SP X 11.5MM	79
117IR33P	BT EVO DL IMPLANT Ø3.3MM IR SP X 13.0MM	79
117IR33R	BT EVO DL IMPLANT Ø3.3MM IR SP X 15.0MM	79
117IR40I	BT EVO DL IMPLANT Ø4.0MM IR SP X 7.0MM	79
117IR40I.10	BT EVO DL IMPLANT Ø4.0MM IR SP X 7.0MM (10 PIECES BOX)	79
117IR40J	BT EVO DL IMPLANT Ø4.0MM IR SP X 8.50MM	79
117IR40L	BT EVO DL IMPLANT Ø4.0MM IR SP X 10.0MM	79
117IR40M	BT EVO DL IMPLANT Ø4.0MM IR SP X 11.5MM	79
117IR40P	BT EVO DL IMPLANT Ø4.0MM IR SP X 13.0MM	79
117IR40R	BT EVO DL IMPLANT Ø4.0MM IR SP X 15.0MM	79
117IW50I	BT EVO DL IMPLANT Ø5.0MM IW SP X 7.0MM	79
117IW50J	BT EVO DL IMPLANT Ø5.0MM IW SP X 8.50MM	79
117IW50L	BT EVO DL IMPLANT Ø5.0MM IW SP X 10.0MM	79
117IW50M	BT EVO DL IMPLANT Ø5.0MM IW SP X 11.5MM	79
117IW50P	BT EVO DL IMPLANT Ø5.0MM IW SP X 13.0MM	79
117IW50R	BT EVO DL IMPLANT Ø5.0MM IW SP X 15.0MM	79
125SR33J	8NECK IMPLANT Ø3.3MM SR X 8.0MM	109
125SR33L	8NECK IMPLANT Ø3.3MM SR X 10.0MM	109
125SR33N	8NECK IMPLANT Ø3.3MM SR X 12.0MM	109
125SR41G	8NECK IMPLANT Ø4.1MM SR X 6.0MM	109
125SR41J	8NECK IMPLANT Ø4.1MM SR X 8.0MM	109
125SR41L	8NECK IMPLANT Ø4.1MM SR X 10.0MM	109
125SR41N	8NECK IMPLANT Ø4.1MM SR X 12.0MM	109
125SR48G	8NECK IMPLANT Ø4.8MM SR X 6.0MM	109
125SR48J	8NECK IMPLANT Ø4.8MM SR X 8.0MM	109
125SR48L	8NECK IMPLANT Ø4.8MM SR X 10.0MM	109
125SR48N	8NECK IMPLANT Ø4.8MM SR X 12.0MM	109
130SR33J	8FORM IMPLANT Ø3.3MM SR X 8.0MM	115
130SR33L	8FORM IMPLANT Ø3.3MM SR X 10.0MM	115
130SR33L.10	8FORM IMPLANT Ø3.3MM SR X 10.0MM (10 PIECES BOX)	115
130SR33N	8FORM IMPLANT Ø3.3MM SR X 12.0MM	115
130SR33N.10	8FORM IMPLANT Ø3.3MM SR X 12.0MM (10 PIECES BOX)	115

CODE	DESCRIPTION	PAG.
130SR41J	8FORM IMPLANT Ø4.10MM SR X 8.0MM	115
130SR41L	8FORM IMPLANT Ø4.10MM SR X 10.0MM	115
130SR41N	8FORM IMPLANT Ø4.10MM SR X 12.0MM	115
130SR48J	8FORM IMPLANT Ø4.80MM SR X 8.0MM	115
130SR48L	8FORM IMPLANT Ø4.80MM SR X 10.0MM	115
130SR48N	8FORM IMPLANT Ø4.80MM SR X 12.0MM	115
201EN2A0	HEALING SCREW EN H2.0MM FLARE=4.5MM	50
201EN3A0	HEALING SCREW EN H3.0MM FLARE=4.5MM	50
201EN4A0	HEALING SCREW EN H4.0MM FLARE=4.5MM	50
201EN6A0	HEALING SCREW EN H6.0MM FLARE=4.5MM	50
201ER2A0	HEALING SCREW ER H2.0MM FLARE=5.0MM	50
201ER3A0	HEALING SCREW ER H3.0MM FLARE=5.0MM	50
201ER4A0	HEALING SCREW ER H4.0MM FLARE=5.0MM	50
201ER4A1	HEALING SCREW ER H4.0MM FLARE=6.0MM	50
201ER4A2	HEALING SCREW ER H4.0MM FLARE=7.5MM	50
201ER6A0	HEALING SCREW ER H6.0MM FLARE=5.0MM	50
201ER6A1	HEALING SCREW ER H6.0MM FLARE=6.0MM	50
201ER6A2	HEALING SCREW ER H6.0MM FLARE=7.5MM	50
201ER8A0	HEALING SCREW ER H8.0MM FLARE=5.0MM	50
201ER8A1	HEALING SCREW ER H8.0MM FLARE=6.0MM	50
201ER8A2	HEALING SCREW ER H8.0MM FLARE=7.5MM	50
201EW2A0	HEALING SCREW EW H2.0MM FLARE=6.0MM	50
201EW2A1	HEALING SCREW EW H2.0MM FLARE=7.5MM	50
201EW3A0	HEALING SCREW EW H3.0MM FLARE=6.0MM	50
201EW4A0	HEALING SCREW EW H4.0MM FLARE=6.0MM	50
201EW4A1	HEALING SCREW EW H4.0MM FLARE=7.5MM	50
201EW6A0	HEALING SCREW EW H6.0MM FLARE=6.0MM	50
201EW6A1	HEALING SCREW EW H6.0MM FLARE=7.5MM	50
201EW8A0	HEALING SCREW EW H8.0MM FLARE=5.5MM	50
201IM2A0	HEALING SCREW IM H2.0MM FLARE=5.0MM	90
201IM3A0	HEALING SCREW IM H3.0MM FLARE=5.0MM	90
201IM4A0	HEALING SCREW IM H4.0MM FLARE=5.0MM	90
201IM5A0	HEALING SCREW IM H5.0MM FLARE=5.0MM	90
201IR2A0	HEALING SCREW IR H2.0MM FLARE=4.5MM	90
201IR3A0	HEALING SCREW IR H3.0MM FLARE=4.5MM	90
201IR4A0	HEALING SCREW IR H4.0MM FLARE=4.5MM	90
201IR4A1	HEALING SCREW IR H4.0MM FLARE=5.5MM	90
201IR5A0	HEALING SCREW IR H5.0MM FLARE=4.5MM	90
201IW2A0	HEALING SCREW IW H2.0MM FLARE=6.0MM	90
201IW3A0	HEALING SCREW IW H3.0MM FLARE=6.0MM	90
201IW4A0	HEALING SCREW IW H4.0MM FLARE=6.0MM	90
201IW5A0	HEALING SCREW IW H5.0MM FLARE=5.5MM	90

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201SR1A0 - 220IR2F0

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

CODE	DESCRIPTION	PAG.
201SR1A0	HEALING SCREW SR H1.5MM FLARE=5.5MM	122
201SR2A0	HEALING SCREW SR H2.0MM FLARE=5.5MM	122
201SR3A0	HEALING SCREW SR H3.0MM FLARE=5.5MM	122
202EN4A0	HEALING SCREW LARGE EN H4.0MM FLARE=4.5MM	50
202ER4A0	HEALING SCREW LARGE ER H4.0MM FLARE=5.5MM	50
202IR4A0	HEALING SCREW LARGE IR Ø3.70MM H4MM FLARE=4.7	90
202IR4A1	HEALING SCREW LARGE IR Ø4.60MM H4MM FLARE=5.6	90
205EN1A1	PLASTIC ABUTMENT EN FLARE=4.5MM	54
205EN1A1.10	PLASTIC ABUTMENT EN FLARE=4.5MM (10 PIECES BOX)	54
205EN1R1	PLASTIC ABUTMENT EN ROTATING FLARE=4.5MM	54
205EN1R1.10	PLASTIC ABUTMENT EN ROTATING FLARE=4.5MM (10 PIECES BOX)	54
205ER2A0	PLASTIC ABUTMENT ER FLARE=5.0MM	54
205ER2A0.10	PLASTIC ABUTMENT ER FLARE=5.0MM (10 PIECES BOX)	54
205ER2A1	PLASTIC ABUTMENT ER ROTATING FLARE=5.0MM	54
205ER2A1.10	PLASTIC ABUTMENT ER ROTATING FLARE=5.0MM (10 PIECES BOX)	54
205EW2A0	PLASTIC ABUTMENT EW FLARE=6.0MM	54
205EW2A0.10	PLASTIC ABUTMENT EW FLARE=6.0MM (10 PIECES BOX)	54
205EW2A1	PLASTIC ABUTMENT EW ROTATING FLARE=6.0MM	54
205EW2A1.10	PLASTIC ABUTMENT EW ROTATING FLARE=6.0MM (10 PIECES BOX)	54
205IM1A0	PLASTIC ABUTMENT IM FLARE=4.5MM	96
205IM1A0.10	PLASTIC ABUTMENT IM FLARE=4.5MM (10 PIECES BOX)	96
205IM1R0	PLASTIC ABUTMENT IM ROTATING FLARE=4.5MM	96
205IM1R0.10	PLASTIC ABUTMENT IM ROTATING FLARE=4.5MM (10 PIECES BOX)	96
205IR1A0	PLASTIC ABUTMENT IR FLARE=4.5MM	96
205IR1A0.10	PLASTIC ABUTMENT IR FLARE=4.5MM (10 PIECES BOX)	96
205IR1A1	PLASTIC ABUTMENT IR ROTATING FLARE=4.5MM	96
205IR1A1.10	PLASTIC ABUTMENT IR ROTATING FLARE=4.5MM (10 PIECES BOX)	96
205IW1A0	PLASTIC ABUTMENT IW FLARE=6.0MM	96
205IW1A0.10	PLASTIC ABUTMENT IW FLARE=6.0MM (10 PIECES BOX)	96
205IW1R0	PLASTIC ABUTMENT IW ROTATING FLARE=6.0MM	96
205IW1R0.10	PLASTIC ABUTMENT IW ROTATING FLARE=6.0MM (10 PIECES BOX)	96
205SR0A0	PLASTIC ABUTMENT SR	125
205SR0A1	PLASTIC ABUTMENT OCTA SR	125
205SR0A2	PLASTIC ABUTMENT SR ROTATING	125
205SR0A3	PLASTIC ABUTMENT OCTA SR ROTATING	125
206EN1A0	PLASTIC ABUTMENT LARGE EN H1MM 00° FLARE=4.5MM	54
206EN1R0	PLASTIC ABUTMENT LARGE EN H1MM FLARE=4.5MM ROT	54
206ER2A0	PLASTIC ABUTMENT LARGE ER H2MM 00° FLARE=5.0MM	54
206ER2A1	PLASTIC ABUTMENT LARGE ER H2MM FLARE=5.0MM ROT	54
206IR1A0	PLASTIC ABUTMENT LARGE IR H1MM 00° FLARE=3.7MM	96
206IR1A1	PLASTIC ABUTMENT LARGE IR H1MM 00° FLARE=4.6MM	96
206IR1R0	PLASTIC ABUTMENT LARGE IR H1MM FLARE=3.7MM ROT	96

CODE	DESCRIPTION	PAG.
206IR1R1	PLASTIC ABUTMENT LARGE IR H1MM FLARE=4.6MM ROT	96
207NA0A0	PLASTIC ABUTMENT BT-4 NA H0MM 0°	60, 102
210EN2A0	PROVISIONAL ABUTMENT EN H2.0MM	53
210EN2R0	PROVISIONAL ABUTMENT EN ROTATING H2.0MM	53
210ER2A0	PROVISIONAL ABUTMENT ER H2.0MM	53
210ER2A1	PROVISIONAL ABUTMENT ER ROTATING H2.0MM	53
210IR2A0	PROVISIONAL ABUTMENT IR H2.0MM	93
210IR2A1	PROVISIONAL ABUTMENT IR ROTATING H2.0MM	93
219EN0A0	ESTHETIC ABUTMENT EN	53
219ER0A0	ESTHETIC ABUTMENT ER	53
219EW0A0	ESTHETIC ABUTMENT EW	53
219IM0A0	ESTHETIC ABUTMENT IM	93
219IR0A0	ESTHETIC ABUTMENT IR	93
219IW0A0	ESTHETIC ABUTMENT IW	93
220EN1A0	STRAIGHT ABUTMENT EN H1.0MM FLARE=4.5MM	52
220EN2A0	STRAIGHT ABUTMENT EN H2.0MM FLARE=4.5MM	52
220EN3A0	STRAIGHT ABUTMENT EN H3.0MM FLARE=4.5MM	52
220EN4A0	STRAIGHT ABUTMENT EN H4.0MM FLARE=4.5MM	52
220ER2A1	STRAIGHT ABUTMENT ER H2.0MM FLARE=5.0MM	52
220ER2A2	STRAIGHT ABUTMENT ER H2.0MM FLARE=7.5MM	52
220ER2A3	STRAIGHT ABUTMENT ER H2.0MM FLARE=6.0MM	52
220ER2D0	ANGLED ABUTMENT 15° ER H2.0MM	52
220ER2F0	ANGLED ABUTMENT 25° ER H2.0MM	52
220ER4A0	STRAIGHT ABUTMENT ER H4.0MM FLARE=5.0MM	52
220ER4A1	STRAIGHT ABUTMENT ER H4.0MM FLARE=6.0MM	52
220ER4A2	STRAIGHT ABUTMENT ER H4.0MM FLARE=7.5MM	52
220ER4D0	ANGLED ABUTMENT 15° ER H.4.0MM	52
220ER4F0	ANGLED ABUTMENT 25° ER H.4.0MM	52
220EW2A2	STRAIGHT ABUTMENT EW H2.0MM FLARE=6.0MM	52
220EW2A3	STRAIGHT ABUTMENT EW H2.0MM FLARE=7.5MM	52
220EW4A2	STRAIGHT ABUTMENT EW H4.0MM FLARE=6.0MM	52
220EW4A3	STRAIGHT ABUTMENT EW H4.0MM FLARE=7.5MM	52
220IM0A0	STRAIGHT ABUTMENT IM H0.0MM FLARE=5.0MM	92
220IM2A0	STRAIGHT ABUTMENT IM H2.0MM FLARE=5.0MM	92
220IM2D0	ANGLED ABUTMENT 15° IM H2.0MM	92
220IM2F0	ANGLED ABUTMENT 25° IM H2.0MM	92
220IM3A0	STRAIGHT ABUTMENT IM H3.0MM FLARE=5.0MM	92
220IM5A0	STRAIGHT ABUTMENT IM H5.0MM FLARE=5.0MM	92
220IR0A0	STRAIGHT ABUTMENT IR H0.0MM FLARE=4.5MM	92
220IR2A1	STRAIGHT ABUTMENT IR H2.0MM FLARE=4.5MM	92
220IR2D0	ANGLED ABUTMENT 15° IR H2.0MM	92
220IR2F0	ANGLED ABUTMENT 25° IR H2.0MM	92

> continued from code index

220IR3A0 - 260SR5A0

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

CODE	DESCRIPTION	PAG.
220IR3A0	STRAIGHT ABUTMENT IR H3.0MM FLARE=4.5MM	92
220IR4A0	STRAIGHT ABUTMENT IR H4.0MM FLARE=4.5MM	92
220IR4D0	ANGLED ABUTMENT 15° IR H4.0MM	92
220IR4F0	ANGLED ABUTMENT 25° IR H4.0MM	92
220IR5A0	STRAIGHT ABUTMENT IR H5.0MM FLARE=4.5MM	92
220IW0A0	STRAIGHT ABUTMENT IW H0.0MM FLARE=5.5MM	92
220IW2A0	STRAIGHT ABUTMENT IW H2.0MM FLARE=5.5MM	92
220IW2D0	ANGLED ABUTMENT 15° IW H2.0MM	92
220IW3A0	STRAIGHT ABUTMENT IW H3.0MM FLARE=5.5MM	92
220IW4A0	STRAIGHT ABUTMENT IW H4.0MM FLARE=6.0MM	92
220IW5A0	STRAIGHT ABUTMENT IW H5.0MM FLARE=5.5MM	92
220SR0A0	STRAIGHT ABUTMENT SOLID SR FLARE=3.5MM L4.0MM	124
220SR0A1	STRAIGHT ABUTMENT SOLID SR FLARE=3.5MM L5.5MM	124
220SR0A2	STRAIGHT ABUTMENT SOLID SR FLARE=3.5MM L7.0MM	124
220SR0A3	STRAIGHT ABUTMENT SR FLARE=3.5MM	124
220SR0A4	MONCONE OCTA SR FLARE=3.5MM	124
220SR0D0	ANGLED ABUTMENT SR 15° FLARE=3.5MM L5.7MM	124
220SR0E0	ANGLED ABUTMENT SR 20° FLARE=3.5MM L5.7MM	124
221EN4A0	STRAIGHT ABUTMENT LARGE EN H4.0MM 00° FLARE=4.5MM	52
221ER4A0	STRAIGHT ABUTMENT LARGE ER H4.0MM 00° FLARE=5.4MM	52
221IR4A0	ABUTMENT LARGE IR Ø3.7MM H4.0MM FLARE=4.7MM	92
221IR4A1	ABUTMENT LARGE IR Ø4.6MM H4.0MM FLARE=5.6MM	92
223IM0A0	FRICTION-FIT ABUTMENT IM H1.0MM SV4.5MM	94
223IM0D0	FRICTION-FIT ABUTMENT IM 15° H1.0MM SV4.5MM	94
223IM0F0	FRICTION-FIT ABUTMENT IM 25° H1.0MM SV4.5MM	94
223IR0A0	FRICTION-FIT ABUTMENT IR H1.0MM SV4.5MM	94
223IR0D0	FRICTION-FIT ABUTMENT IR 15° H1.0MM SV4.5MM	94
223IR0F0	FRICTION-FIT ABUTMENT IR 25° H1.0MM SV4.5MM	94
223IW0A0	FRICTION-FIT ABUTMENT IW H1.0MM SV4.5MM	94
223IW0D0	FRICTION-FIT ABUTMENT IW 15° H1.0MM SV4.5MM	94
223IW0F0	FRICTION-FIT ABUTMENT IW 25° H1.0MM SV4.5MM	94
230ER0A0	MILLABLE ABUTMENT ER FLARE=6.5MM	55
230IR0A0	MILLABLE ABUTMENT IR FLARE=6.5MM	97
236ER0A0	TITANIUM BASE FOR ZIRCONIA ER FLARE=4.7MM	55
236ER0A1	TITANIUM BASE FOR ZIRCONIA ER ROTATING FLARE=4.7MM	55
236IR0A0	TITANIUM BASE FOR ZIRCONIA IR FLARE=4.7MM	97
236IR0A1	TITANIUM BASE FOR ZIRCONIA IR ROTATING FLARE=4.7MM	97
237ER0A0	TITANIUM BASE FOR ZIRCONIA WITH PMMA ABUTMENTS ER H0MM 00° FLARE=6.0MM	55
237ER0A1	TITANIUM BASE FOR ZIRCONIA WITH PMMA ABUTMENTS ER H0MM 00° FLARE=6.0MM ROT	55
237IR0A0	TITANIUM BASE FOR ZIRCONIA WITH PMMA ABUTMENTS IR H0MM 00° FLARE=6.0MM	97
237IR0A1	TITANIUM BASE FOR ZIRCONIA WITH PMMA ABUTMENTS IR H0MM 00° FLARE=6.0MM ROT	97
245EN1A0	GOLD BASE EN NOT ROTATING H1MM	54

CODE	DESCRIPTION	PAG.
245EN1R0	GOLD BASE EN ROTATING H1MM	54
245ER1A0	GOLD BASE ER NOT ROTATING H1MM	54
245ER1R0	GOLD BASE ER ROTATING H1MM	54
245EW1A0	GOLD BASE EW NOT ROTATING H1MM	54
245EW1R0	GOLD BASE EW ROTATING H1MM	54
245IM1A0	GOLD BASE IM H1MM	96
245IM1R0	GOLD BASE IM ROTATING H1MM	96
245IR1A0	GOLD BASE IR H1MM	96
245IR1R0	GOLD BASE IR ROTATING H1MM	96
245IW1A0	GOLD BASE IW H1MM	96
245IW1R0	GOLD BASE IW ROTATING H1MM	96
245SR0A0	GOLD BASE SR	125
245SR0A1	GOLD BASE SR ROTATING	125
260ER1A0	STRAIGHT ABUTMENT FOR LOCATOR ER H. 1MM	57
260ER2A0	STRAIGHT ABUTMENT FOR LOCATOR ER H. 2MM	57
260ER3A0	STRAIGHT ABUTMENT FOR LOCATOR ER H. 3MM	57
260ER4A0	STRAIGHT ABUTMENT FOR LOCATOR ER H. 4MM	57
260ER5A0	STRAIGHT ABUTMENT FOR LOCATOR ER H. 5MM	57
260ER6A0	STRAIGHT ABUTMENT FOR LOCATOR ER H. 6MM	57
260EW1A0	STRAIGHT ABUTMENT FOR LOCATOR EW H. 1MM	57
260EW2A0	STRAIGHT ABUTMENT FOR LOCATOR EW H. 2MM	57
260EW3A0	STRAIGHT ABUTMENT FOR LOCATOR EW H. 3MM	57
260EW4A0	STRAIGHT ABUTMENT FOR LOCATOR EW H. 4MM	57
260EW5A0	STRAIGHT ABUTMENT FOR LOCATOR EW H. 5MM	57
260IM1A0	STRAIGHT ABUTMENT FOR LOCATOR IM H. 1MM	99
260IM2A0	STRAIGHT ABUTMENT FOR LOCATOR IM H. 2MM	99
260IM3A0	STRAIGHT ABUTMENT FOR LOCATOR IM H. 3MM	99
260IM4A0	STRAIGHT ABUTMENT FOR LOCATOR IM H. 4MM	99
260IM5A0	STRAIGHT ABUTMENT FOR LOCATOR IM H. 5MM	99
260IM6A0	STRAIGHT ABUTMENT FOR LOCATOR IM H. 6MM	99
260IR0A0	STRAIGHT ABUTMENT FOR LOCATOR IR H. 0.63MM	99
260IR1A0	STRAIGHT ABUTMENT FOR LOCATOR IR H. 1MM	99
260IR2A0	STRAIGHT ABUTMENT FOR LOCATOR IR H. 2MM	99
260IR3A0	STRAIGHT ABUTMENT FOR LOCATOR IR H. 3MM	99
260IR4A0	STRAIGHT ABUTMENT FOR LOCATOR IR H. 4MM	99
260IR5A0	STRAIGHT ABUTMENT FOR LOCATOR IR H. 5MM	99
260IR6A0	STRAIGHT ABUTMENT FOR LOCATOR IR H. 6MM	99
260SR1A0	STRAIGHT ABUTMENT FOR LOCATOR SR H. 1MM	127
260SR2A0	STRAIGHT ABUTMENT FOR LOCATOR SR H. 2MM	127
260SR3A0	STRAIGHT ABUTMENT FOR LOCATOR SR H. 3MM	127
260SR4A0	STRAIGHT ABUTMENT FOR LOCATOR SR H. 4MM	127
260SR5A0	STRAIGHT ABUTMENT FOR LOCATOR SR H. 5MM	127

> continued from code index

260SR6A0 - 408HR220

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

CODE	DESCRIPTION	PAG.
260SR6A0	STRAIGHT ABUTMENT FOR LOCATOR SR H. 6MM	127
265ER1A0	BT4 STRAIGHT ABUTMENT ER H. 1MM 00° FLARE=4.8	59
265ER2A0	BT4 STRAIGHT ABUTMENT ER H. 2MM 00° FLARE=4.8	59
265ER3A0	BT4 STRAIGHT ABUTMENT ER H. 3MM 00° FLARE=4.8	59
265IR2A0	BT4 STRAIGHT ABUTMENT IR H. 2MM 00° FLARE=4.8	101
265IR3A0	BT4 STRAIGHT ABUTMENT IR H. 3MM 00° FLARE=4.8	101
266ER3G0	BT4 ANGLED ABUTMENT ER H. 3MM 30° FLARE=4.8	59
266ER3L0	BT4 ANGLED ABUTMENT ER H. 3MM 17° FLARE=4.8	59
266IR3G0	BT4 ANGLED ABUTMENT IR H. 3MM 30° FLARE=4.8	101
266IR3L0	BT4 ANGLED ABUTMENT IR H. 3MM 17° FLARE=4.8	101
267NA0A0	ABUTMENT NA H0MM 0°	60, 102
301EN0A0	IMPLANT REPLICA EN	51
301ER0A1	IMPLANT REPLICA ER	51
301EW0A0	IMPLANT REPLICA EW	51
301IM0A0	IMPLANT REPLICA IM	91
301IR0A1	IMPLANT REPLICA IR	91
301IW0A1	IMPLANT REPLICA IW	91
301NA0A0	IMPLANT REPLICA LOCATOR NA H0MM 00° FLARE=0.0MM	57, 97
301SR0A0	IMPLANT REPLICA SR	123
302EN0A0	IMPLANT REPLICA LARGE EN Ø3.7MM H0MM 00° FLARE=0.0MM	51
302ER0A0	IMPLANT REPLICA LARGE ER Ø4.6MM H0MM 00° FLARE=0.0MM	51
302IR0A0	IMPLANT REPLICA LARGE IR Ø3.7MM H0MM 00° FLARE=0.0MM	91
302IR0A1	IMPLANT REPLICA LARGE IR Ø4.6MM H0MM 00° FLARE=0.0MM	91
303NA0A0	IMPLANT REPLICA BT-4 NA H0MM 00° FLARE=0.0MM	61, 103
310SR0A0	PICK-UP TRANSFER SR FLARE=5.7MM + LONG SCREW	122
310SR0A1	PICK-UP TRANSFER SR FLARE=5.7MM + SHORT SCREW	122
310SR0A2.04	IMPRESSION CUP SR	122, 202
311NA0A0	TRANSFER BT-4 NA H0MM 00° FLARE=0.0MM	60, 102
319EN0A0	PICK-UP TRANSFER EN NOT ROTATING FLARE=4.5MM	50
319EN0R0	PICK-UP TRANSFER EN ROTATING FLARE=4.5MM	50
319ER0A0	PICK-UP TRANSFER ER NOT ROTATING FLARE=5.0MM	50
319ER0R0	PICK-UP TRANSFER ER ROTATING FLARE=5.0MM	50
319EW0A0	PICK-UP TRANSFER EW NOT ROTATING FLARE=6.0MM	50
319EW0R0	PICK-UP TRANSFER EW ROTATING FLARE=6.0MM	50
319IM0A0	PICK-UP TRANSFER IM FLARE=5.0MM	90
319IR0A0	PICK-UP TRANSFER IR FLARE=4.5MM	90
319IR0R0	PICK-UP TRANSFER IR ROTATING FLARE=4.5MM	90
319IW0A1	PICK-UP TRANSFER IW FLARE=6.0MM	90
319IW0R0	PICK-UP TRANSFER IW ROTATING FLARE=6.0MM	90
319NA0A0.04	TRANSFER SOLID NA H0MM 00° FLARE=0.0MM (4 PIECES KIT)	122
319SR0A0.04	POSITIONING CYLINDER SR (4 PIECES KIT)	122
320EN0A0	TRANSFER CAP (EN)	50

CODE	DESCRIPTION	PAG.
320ER0A1	TRANSFER CAP (ER)	50
320EW0A1	TRANSFER CAP (EW)	50
320IM0A0	TRANSFER CAP IM ALLUMINIUM CAP	90
320IR0A1	TRANSFER CAP IR ALLUMINIUM CAP	90
320IW0A1	TRANSFER CAP IW ALLUMINIUM CAP	90
321EN0A0	PICK-UP TRANSFER LARGE EN NOT ROTATING Ø3.7MM FLARE=4.1MM	50
321EN0R0	PICK-UP TRANSFER LARGE EN ROTATING Ø3.7MM FLARE=4.1MM ROT	50
321ER0A0	PICK-UP TRANSFER LARGE ER NOT ROTATING Ø4.6MM FLARE=5.4MM	50
321ER0R0	PICK-UP TRANSFER LARGE ER ROTATING Ø4.6MM FLARE=5.4MM ROT	50
321IR0A0	PICK-UP TRANSFER LARGE IR Ø3.7MM FLARE=4.7MM	90
321IR0A1	PICK-UP TRANSFER LARGE IR Ø4.6MM FLARE=5.4MM	90
321IR0R0	PICK-UP TRANSFER LARGE IR Ø3.7MM FLARE=4.7MM ROT	90
321IR0R1	PICK-UP TRANSFER LARGE IR Ø4.6MM FLARE=5.4MM ROT	90
321NA0A0	TRANSFER LOCATOR NA H0MM 00° FLARE=0.0MM	57, 101
330NA0A0.04	COVER CAPS KIT NA H0MM 0° FLARE=0.0MM	61, 103
401HS200	ROUND DRILL HS Ø2.0MM L30MM	164
401HS201	LANCE DRILL HS Ø2.0MM L30MM	164
406HR270	PRODRILL CONICAL DRILL HR Ø2.7MM L36MM H4 BT KONIC	168
406HR310	PRODRILL CONICAL DRILL HR Ø3.1MM L36MM H4 BT KONIC Ø3.25	168
406HR350	PRODRILL CONICAL DRILL HR Ø3.5MM L36MM H4 BT KONIC Ø4.00	168
406HR420	PRODRILL CONICAL DRILL HR Ø4.2MM L36MM H4 BT KONIC Ø5.00	168
407HR200	TWIST DRILL HR Ø2.0MM L39MM SMH4	164
407HR230	TWIST DRILL HR Ø2.3MM L39MM SMH4	164
407HR250	PRODRILL DRILL HR Ø2.5MM L39MM H4	168
407HR270	PRODRILL DRILL HR Ø2.7MM L39MM H4	168
407HR290	PRODRILL DRILL HR Ø2.9MM L39MM H4	168
407HR300	PRODRILL DRILL HR Ø3.0MM L39MM H4	168
407HR320	PRODRILL DRILL HR Ø3.2MM L39MM H4	168
407HR380	PRODRILL DRILL HR Ø3.8MM L39MM H4	168
407HR400	PRODRILL DRILL HR Ø4.0MM L39MM H4	168
407HR420	PRODRILL DRILL HR Ø4.2MM L39MM H4	168
407HS200	TWIST DRILL HS Ø2.0MM L32.5MM H4	164
407HS230	TWIST DRILL HS Ø2.3MM L32.5MM H4	164
407HS300	PRODRILL DRILL HS Ø3.0MM L34MM H4	168
407HS320	PRODRILL DRILL HS Ø3.2MM L34MM H4	168
407HS400	PRODRILL DRILL HS Ø4.0MM L34MM H4	168
407HS420	PRODRILL DRILL HS Ø4.2MM L34MM H4	168
408HL220	TWIST DRILL HL Ø2.2MM L41MM H8	164
408HL280	TWIST DRILL HL Ø2.8MM L41MM H8	164
408HL350	PRODRILL TWIST DRILL HL Ø3.5MM L41MM H8	168
408HL420	PRODRILL TWIST DRILL HL Ø4.2MM L41MM H8	168
408HR220	TWIST DRILL HR Ø2.2MM L36MM SMH8	164

> continued from code index

408HR280 - 530HS004

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

> continued from code index

530HS005 - ATO36MN0

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

CODE	DESCRIPTION	PAG.
530HS005	DRIVER FOR HANDPIECE HS ES.1.20MM L30MM	174
530HS006	DRIVER HS FOR IMPLANT INSERTION BT EVO EXT Ø3,3MM L26MM	172
530HS007	DRIVER HS FOR IMPLANT INSERTION BT EVO EXT Ø4,0 - 5,0MM L26MM	172
530HS008	DRIVER HS FOR IMPLANT INSERTION BT EVO INT L30MM	172
530HS009	DRIVER HS FOR IMPLANT INSERTION BT EVO INT L26MM	172
530HS010	DRIVER HS FOR IMPLANT INSERTION BT EVO EXT Ø3,3MM L32MM	172
530HS011	DRIVER HS FOR IMPLANT INSERTION BT EVO EXT Ø4,0 - 5,0MM L32MM	172
530JD001	SOLID ABUTMENT DRIVER L14MM	172
530JD002	SOLID ABUTMENT DRIVER L19MM	172
530JD003	DRIVER JD ES. 1.20MM L5MM	173
530JD004	DRIVER JD ES. 1.20MM L10MM	173
530JD005	DRIVER JD ES. 1.20MM L14MM	173
530JD006	DRIVER JD ES. 1.20MM L20MM	173
530JD007	DRIVER JD ES. 1.20MM L30MM	173
530JD008	DRIVER JD ES.3.10MM L7MM	171
530JD009	DRIVER JD ES.3.10MM L11MM	171
530JD010	DRIVER JD ES.3.10MM L14MM	171
530JD011	DRIVER JD ES. 0.90MM L10MM	173
530JD012	DRIVER JD ES. 0.90MM L13MM	173
530JD013	OCTA ABUTMENT DRIVER OT.3.0MM L14MM OCTA	172
530JD014	DRIVER JD (REDUCED) ES.1.20MM L14MM	190
530JD015	DRIVER JD ES.2.0MM L6MM	190
530JD017	EXTRACTION DEVICE JD	95, 173
540MA001	DEPTH GAUGE MA Ø2,20MM L28MM	165
540MA002	DEPTH GAUGE MA Ø2.30MM 30°	165
540MA003	PARALLELISM PIN MA Ø2.0 L28MM	165
540MA004	PARALLELISM PIN MA Ø2.3 L28MM	165
540MA006	PARALLELISM PIN MA Ø2.0MM Ø2.3MM L22MM	165
540MA008	DEPTH GAUGE MA Ø1.90MM L33MM	165
603NA002	SURGICAL KIT BT KLASSIC	184
607NA003	SURGICAL KIT BT KONIC	185
613NA003	SURGICAL KIT BT EVO	186
625NA001	SURGICAL COMPATIBILITY KIT 8NECK	187
625NA003	SURGICAL KIT 8NECK	187
630NA001	SURGICAL KIT 8FORM	188
655NA001	SURGICAL KIT BT4	190
690NA001	RETENTION SCREW NA ES.1.20MM M2.0	202
690NA002	TRANSFER SCREW NA M2 L16MM	202
690NA003	TRANSFER SCREW NA M2 L25MM	202
690NA004	METALLICI TOPS BOX NA DA H5.5 A H15	165
690NA005.04	LOCATOR RETENTIVE CAPS BOXNA 10N RED (4 PIECES BOX)	57, 99, 127
690NA006.04	LOCATOR RETENTIVE CAPS BOXNA 15N BLUE (4 PIECES BOX)	57, 99, 127
690NA007.04	LOCATOR RETENTIVE CAPS BOXNA 20N ORANGE (4 PIECES BOX)	57, 99, 127
690NA008.04	LOCATOR RETENTIVE CAPS BOXNA 30N PINK (4 PIECES BOX)	57, 99, 127
690NA009.04	LOCATOR RETENTIVE CAPS BOXNA 40N GREEN (4 PIECES BOX)	57, 99, 127
690NA010.04	LOCATOR RETENTIVE CAPS BOXNA 50N PLAIN (4 PIECES BOX)	57, 99, 127
690NA011	LOCATOR CAPS KIT NA	57, 99, 127
690NA012	TITANIUM RETENTIVE SCREW NA ES.1.20 M1.8	194, 198, 204
690NA013	TITANIUM RETENTIVE SCREW NA ES. 1.20 M2.0	194
690NA014	PICK-UP TRANSFER SCREW NA ES1.20 M1.8 L18	194, 198, 204
690NA015	PICK-UP TRANSFER SCREW NA ES1.20 M2.0 L18	194
690NA016	PICK-UP TRANSFER SCREW NA ES1.20 M2.0 L13	194
690NA018	GOLD RETENTIVE SCREW NA M1.8MM	194, 198, 204
690NA019	GOLD RETENTIVE SCREW NA M2.0MM	194
690NA020	LOCATOR CAP FOR RETENTIVE WRENCH	57, 99, 127
690NA021	METALLIC STOPS BOX H8 NA	165
690NA022	KIT LOCATOR NA CAPE MALE AND BLOCKOUT SPACER	57, 99, 127
690NA024	RETENTIVE SCREW FOR BT-4 NA M1.4 10N	195, 199
690NA028	O-RING Ø3,5 NA (5 PIECES BOX)	196, 200, 204
690NA029	CAP PARTS NA (3 PIECES BOXI)	196, 200
690NA031	BT-4 TRANSFER SCREW NA ES.1.20MM M1.4 L15MM	195, 200
690NA033	O-RING Ø4,5 NA (5 PIECES BOX)	196, 200, 202, 204
690NA037	BT-4 SCREW NA M1.8 - H2/H3	199
690NA038	BT-4 SCREW NA M2.0 - (ANGLED ABUTMENT)	195
690NA039	PICK-UP TRANSFER SCREW NA SHORT M1.8 L=13	194, 198, 204
690NA041	RETENTIVE SCREW M2.0 NA NECKLESS	194
690NA047	SILICONE RUBBERS FOR KIT PLATS (BLUE)	196, 200, 202, 205
690NA048	SILICONE RUBBERS FOR KIT PLATS (YELLOW)	196, 200, 202, 205
690NA049	SILICONE RUBBERS FOR KIT PLATS (GREEN)	196, 200, 202, 205
690NA050	SILICONE RUBBERS FOR KIT PLATS (RED)	196, 200, 202, 205
690NA051	SILICONE RUBBERS FOR KIT PLATS (DEEP GREEN)	196, 200, 202, 205
690NA052	SILICONE RUBBERS FOR KIT PLATS (WHITE)	196, 200, 202, 205
690NA053	O-RING Ø5,0 NA (5 PIECES BOX)	196, 200, 202, 204
690NA054.04	RETENTIVE CAP KIT	57, 99, 127
690NA055	DRILLS STOP KIT (SCREWABLE+RETENTIVE) NA	169
690NA058	BT-4 SCREW NA M1.8 - ANGLED ABUTMENT	199
690NA059	BT-4 SCREW NA M2.0 - H1	195
690NA060	BT-4 SCREW NA M2.0 - H2 E H3	195
771CEF	DIGITAL DRIVER FOR SPHERO FLEX/BLOCK	56, 98, 126, 145
AIO36I00	IMPLANT REPLICA FOR TWO Ø 4,00	141
AIO40I00	IMPLANT REPLICA FOR TWO Ø 5,00	141
AIO60I00	IMPLANT REPLICA FOR TWO Ø 6,00	141
AMI17	IMPLANT REPLICA FOR MINI	157
ATO36MN0	IMPRESSION TRANSFER FOR TWO Ø 4,00	140

> continued from code index

ATO36MR0 -530HS005 ITW40115CM

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

CODE	DESCRIPTION	PAG.
ATO36MR0	IMPRESSION TRANSFER FOR TWO Ø 4,00 ROTATING	140
ATO40MN0	IMPRESSION TRANSFER FOR TWO Ø 5,00	140
ATO40MR0	IMPRESSION TRANSFER FOR TWO Ø 5,00 ROTATING	140
ATO60MN0	IMPRESSION TRANSFER FOR TWO Ø 6,00	140
CCC36N00	PLASTIC ABUTMENT TWO Ø 4,00	144
CCC40N00	PLASTIC ABUTMENT TWO Ø 5,00	144
CCO36N00	PLASTIC ABUTMENT FOR TWO Ø 4,00	144
CCO36R00	PLASTIC ABUTMENT FOR TWO Ø 4,00 ROTATING	144
CCO40N00	PLASTIC ABUTMENT FOR TWO Ø 5,00	144
CCO40R00	PLASTIC ABUTMENT FOR TWO Ø 5,00 ROTATING	144
CCO60N00	PLASTIC ABUTMENT FOR TWO Ø 6,00	144
CMI17	ABUTMENT FOR MINI	156
COO36N00	GOLD BASE FOR TWO Ø 4,00	144
COO36R00	GOLD BASE FOR TWO Ø 4,00 ROTATING	144
COO40N00	GOLD BASE FOR TWO Ø 5,00	144
COO40R00	GOLD BASE FOR TWO Ø 5,00 ROTATING	144
COO60N00	GOLD BASE FOR TWO Ø 6,00	144
COR1770	RETENTIVE HOUSING WITH OR	156
DDAD31M0	DIGITAL IMPLANT DRIVER MEDIUM	179
DDCNU	DIGITAL DRIVER FOR HANDPIECE WRENCH	197, 201, 203, 205
DDED12LD	DIGITAL IMPLANT DRIVER LONG	180
DMIM	DIGITAL DRIVER FOR MINI	183
FFW40S10	CONICAL DRILL FOR TWO Ø 4,00 X 10,00	178
FFW40S11	CONICAL DRILL FOR TWO Ø 4,00 X 11,50	178
FFW40S13	CONICAL DRILL FOR TWO Ø 4,00 X 13,50	178
FFW40S15	CONICAL DRILL FOR TWO Ø 4,00 X 15,50	178
FFW40S17	CONICAL DRILL FOR TWO Ø 4,00 X 17,50	178
FFW50S10	CONICAL DRILL FOR TWO Ø 5,00 X 10,00	178
FFW50S11	CONICAL DRILL FOR TWO Ø 5,00 X 11,50	178
FFW50S13	CONICAL DRILL FOR TWO Ø 5,00 X 13,50	178
FFW50S15	CONICAL DRILL FOR TWO Ø 5,00 X 15,50	178
FFW50S17	CONICAL DRILL FOR TWO Ø 5,00 X 17,50	178
FFW60S10	CONICAL DRILL FOR TWO Ø 6,00 X 10,00	178
FFW60S11	CONICAL DRILL FOR TWO Ø 6,00 X 11,50	178
FFW60S13	CONICAL DRILL FOR TWO Ø 6,00 X 13,50	178
FFW60S15	CONICAL DRILL FOR TWO Ø 6,00 X 15,50	178
FMI12	BLADE DRILL Ø 1,20 FOR MINI WITH MULTISTOP	182
FMI12N	BLADE DRILL Ø 1,20 FOR MINI	182
FMI17	BLADE DRILL Ø 1,70 FOR MINI WITH MULTISTOP	182
FMI17N	BLADE DRILL Ø 1,70 FOR MINI	182
FPI19350	PILOT DRILL FOR TWO	172
FPI1935O	PILOT DRILL Ø 1,9 FOR TWO	178

CODE	DESCRIPTION	PAG.
FRO0035U	ROUND DRILL FOR TWO AND MINI	178, 182
FSA10	METALLIC STOP FOR MINI L. 10,60 MM	182
FSA4	METALLIC STOP FOR MINI L. 4,10 MM	182
FSA410	METALLIC STOPS FOR MINI (KIT)	182
FSA5	METALLIC STOP FOR MINI L. 5,60 MM	182
FSA7	METALLIC STOP FOR MINI L. 7,10 MM	182
FSA8	METALLIC STOP FOR MINI L. 8,60 MM	182
GGO36C03	HEALING SCREW FOR TWO Ø 4,00 H. 3 MM	140
GGO36C04	HEALING SCREW FOR TWO Ø 4,00 H. 4 MM	140
GGO36C05	HEALING SCREW FOR TWO Ø 4,00 H. 5 MM	140
GGO36C06	HEALING SCREW FOR TWO Ø 4,00 H. 6 MM	140
GGO40C03	HEALING SCREW FOR TWO Ø 5,00 H. 3 MM	140
GGO40C04	HEALING SCREW FOR TWO Ø 5,00 H. 4 MM	140
GGO40C05	HEALING SCREW FOR TWO Ø 5,00 H. 5 MM	140
GGO40C06	HEALING SCREW FOR TWO Ø 5,00 H. 6 MM	140
GGO60C04	HEALING SCREW FOR TWO Ø 6,00 H.4	140
HHW40E10	MANUAL TAPPING SCREW FOR TWO Ø 4,00 X 10.00	179
HHW40E11	MANUAL TAPPING SCREW FOR TWO Ø 4,00 X 11.50	179
HHW40E13	MANUAL TAPPING SCREW FOR TWO Ø 4,00 X 13.50	179
HHW40E15	MANUAL TAPPING SCREW FOR TWO Ø 4,00 X 15.50	179
HHW40E17	MANUAL TAPPING SCREW FOR TWO Ø 4,00 X 17.50	179
HHW50E10	MANUAL TAPPING SCREW FOR TWO Ø 5,00 X 10,00	179
HHW50E11	MANUAL TAPPING SCREW FOR TWO Ø 5,00 X 11,50	179
HHW50E13	MANUAL TAPPING SCREW FOR TWO Ø 5,00 X 13,50	179
HHW50E15	MANUAL TAPPING SCREW FOR TWO Ø 5,00 X 15,50	179
HHW50E17	MANUAL TAPPING SCREW FOR TWO Ø 5,00 X 17,50	179
HHW60E10	MANUAL TAPPING SCREW FOR TWO Ø 6,00 X 10,00	179
HHW60E11	MANUAL TAPPING SCREW FOR TWO Ø 6,00 X 11,50	179
HHW60E13	MANUAL TAPPING SCREW FOR TWO Ø 6,00 X 13,50	179
HHW60E15	MANUAL TAPPING SCREW FOR TWO Ø 6,00 X 15,50	179
IMI19100A	MINI IMPLANT Ø 1,90 X 10.0 + COR1770	151
IMI19115A	MINI IMPLANT Ø 1,90 X 11.5 + COR1770	151
IMI19130A	MINI IMPLANT Ø 1,90 X 13.0 + COR1770	151
IMI19150A	MINI IMPLANT Ø 1,90 X 15.0 + COR1770	151
IMI25100A	MINI IMPLANT Ø 2,50 X 10.0 + COR1770	151
IMI25115A	MINI IMPLANT Ø 2,50 X 11.5 + COR1770	151
IMI25130A	MINI IMPLANT Ø 2,50 X 13.0 + COR1770	151
IMI25150A	MINI IMPLANT Ø 2,50 X 15.0 + COR1770	151
ITW4010010	TWO IMPLANT Ø 4,00 X 10.0 (10 PIECES BOX)	133
ITW40100CM	TWO IMPLANT Ø 4,00 X 10.0	133
ITW4011510	TWO IMPLANT Ø 4,00 X 11.5 (10 PIECES BOX)	133
ITW40115CM	TWO IMPLANT Ø 4,00 X 11.5	133

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ITW4013510 - VVL1815E

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

CODE	DESCRIPTION	PAG.
ITW4013510	TWO IMPLANT Ø 4,00 X 13.5 (10 PIECES BOX)	133
ITW40135CM	TWO IMPLANT Ø 4,00 X 13.5	133
ITW40155CM	TWO IMPLANT Ø 4,00 X 15.5	133
ITW40175CM	TWO IMPLANT Ø 4,00 X 17.5	133
ITW5010010	TWO IMPLANT Ø 5,00 X 10,0 (10 PIECES BOX)	133
ITW50100CM	TWO IMPLANT Ø 5,00 X 10,0	133
ITW5011510	TWO IMPLANT Ø 5,00 X 11,5 (10 PIECES BOX)	133
ITW50115CM	TWO IMPLANT Ø 5,00 X 11,5	133
ITW50135CM	TWO IMPLANT Ø 5,00 X 13,5	133
ITW50155CM	TWO IMPLANT Ø 5,00 X 15,5	133
ITW50175CM	TWO IMPLANT Ø 5,00 X 17,5	133
ITW60100CM	TWO IMPLANT Ø 6,00 X 10,0	133
ITW60115CM	TWO IMPLANT Ø 6,00 X 11,5	133
ITW60135CM	TWO IMPLANT Ø 6,00 X 13,5	133
ITW60155CM	TWO IMPLANT Ø 6,00 X 15,5	133
KCMINI1	SURGICAL KIT MINI	191
KCTWO1	SURGICAL KIT FOR TWO	189
KM18	TAPPING KIT M1.80 FOR SEI-SET-TWO IMPLANTS	196, 201, 205
KM20	TAPPING KIT M2.0 FOR TRE-TOP IMPLANTS	196, 203
MEO36N01	ESTHETIC ABUTMENT FOR TWO Ø 4,00 H. 1 MM	143
MEO40N01	ESTHETIC ABUTMENT FOR TWO Ø 5,00 H. 1 MM	143
MEO60N01	ESTHETIC ABUTMENT FOR TWO Ø 6,00 H. 1 MM	143
MMC36N02	ABUTMENT FOR TWO Ø 4,00 H. 2 MM	144
MMC40N02	ABUTMENT FOR TWO Ø 5,00 H. 2 MM	144
MMI1715	ANGLED ABUTMENT 15° FOR MINI H. 1	156
MMI17H1	STRAIGHT ABUTMENT FOR MINI H. 1MM	156
MMO36N02	STRAIGHT ABUTMENT FOR TWO Ø 4,00 H. 2 MM	142
MMO36N03	STRAIGHT ABUTMENT FOR TWO Ø 4,00 H. 3 MM	142
MMO36N04	STRAIGHT ABUTMENT FOR TWO Ø 4,00 H. 4 MM	142
MMO40N02	STRAIGHT ABUTMENT FOR TWO Ø 5,00 H. 2 MM	142
MMO40N03	STRAIGHT ABUTMENT FOR TWO Ø 5,00 H. 3 MM	142
MMO40N04	STRAIGHT ABUTMENT FOR TWO Ø 5,00 H. 4 MM	142
MMO60F00	MILLABLE ABUTMENT FOR TWO Ø 6,00	142
MMP36N12	ANGLED ABUTMENT 15° FOR TWO Ø 4,00 H. 2 MM	142
MMP36N13	ANGLED ABUTMENT 15° FOR TWO Ø 4,00 H. 3 MM	142
MMP36N14	ANGLED ABUTMENT 15° FOR TWO Ø 4,00 H. 4 MM	142
MMP40N12	ANGLED ABUTMENT 15° FOR TWO Ø 5,00 H. 2 MM	142
MMP40N13	ANGLED ABUTMENT 15° FOR TWO Ø 5,00 H. 3 MM	142
MMP40N14	ANGLED ABUTMENT 15° FOR TWO Ø 5,00 H. 4 MM	142
MMQ36N22	ANGLED ABUTMENT 25° FOR TWO Ø 4,00 H. 2 MM	142
MMQ36N23	ANGLED ABUTMENT 25° FOR TWO Ø 4,00 H. 3 MM	142
MMQ36N24	ANGLED ABUTMENT 25° FOR TWO Ø 4,00 H. 4 MM	142
MMQ40N22	ANGLED ABUTMENT 25° FOR TWO Ø 5,00 H. 2 MM	142
MMQ40N23	ANGLED ABUTMENT 25° FOR TWO Ø 5,00 H. 3 MM	142
MMQ40N24	ANGLED ABUTMENT 25° FOR TWO Ø 5,00 H. 4 MM	142
MUM23	MUCOTOME Ø 2,3 FOR MINI	182
NE12P	DIGITAL DRIVER FOR HANDPIECE WRENCH	197, 201, 203, 205
NMIM	IMPLANT DRIVER FOR HANDPIECE FOR MINI	183
NNF0525U	DRILLS EXTENSION FOR TWO	179
NNPN31C1	IMPLANT DRIVER FOR HANDPIECE FOR TWO	180
OR3570	OR 70 SH Ø 3,5 SPARE PARTS (6 PIECES BOX)	156
SCHFI313	30° ANGLED FIXED WRENCH FOR TWO	181
SDVQ3N35	TORQUE WRENCH	181
SMIM	TORQUE WRENCH CONNECTION FOR MINI	183
SMIML	TORQUE WRENCH CONNECTION FOR MINI (LONG)	183
SSCNU	HANDLE FOR HANDPIECE	197, 201, 203, 205
SSCQ3000	TORQUE WRENCH FOR MINI	183
SSDQ3C12	DRIVER NA ES.1,20	180
SSIQ3E31	REVERSIBLE TORQUE WRENCH	181
SSMISPRO	DEPTH GAUGE FOR ONE/TWO	178
SSPQ3LEP	TORQUE WRENCH-CONNECTION EXTENTION	180
TTO36MN0	TRANSFER WITH CAP FOR TWO Ø 4,00	140
TTO40MN0	TRANSFER WITH CAP FOR TWO Ø 5,00	140
TTO60MN0	TRANSFER WITH CAP FOR TWO Ø 6,00	140
VAM2055	CORTICAL SCREW Ø 2 FOR 5,5	197, 201, 203, 205
VLE14TIT	TONGUAL SCREW FOR ESTHETIC ABUTMENT M1,4	53, 93, 143
VVL1810E	TRANSFER SCREW FOR ONE/TWO (SHORT)	140
VVL1815E	TRANSFER SCREW FOR ONE/TWO (LONG)	140

Alphabetic items index

3 - BTE

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

DESCRIPTION	CODE	PAG.
30° ANGLED FIXED WRENCH FOR TWO	SCHFI313	181
30° ANGLED FIXED WRENCH MA ES. 3.10MM	502MA003	175
8FORM IMPLANT Ø3.3MM SR X 10.0MM	130SR33L	115
8FORM IMPLANT Ø3.3MM SR X 10.0MM (10 PIECES BOX)	130SR33L.10	115
8FORM IMPLANT Ø3.3MM SR X 12.0MM	130SR33N	115
8FORM IMPLANT Ø3.3MM SR X 12.0MM (10 PIECES BOX)	130SR33N.10	115
8FORM IMPLANT Ø3.3MM SR X 8.0MM	130SR33J	115
8FORM IMPLANT Ø4.10MM SR X 10.0MM	130SR41L	115
8FORM IMPLANT Ø4.10MM SR X 12.0MM	130SR41N	115
8FORM IMPLANT Ø4.10MM SR X 8.0MM	130SR41J	115
8FORM IMPLANT Ø4.80MM SR X 10.0MM	130SR48L	115
8FORM IMPLANT Ø4.80MM SR X 12.0MM	130SR48N	115
8FORM IMPLANT Ø4.80MM SR X 8.0MM	130SR48J	115
8NECK IMPLANT Ø3.3MM SR X 10.0MM	125SR33L	109
8NECK IMPLANT Ø3.3MM SR X 12.0MM	125SR33N	109
8NECK IMPLANT Ø3.3MM SR X 8.0MM	125SR33J	109
8NECK IMPLANT Ø4.1MM SR X 10.0MM	125SR41L	109
8NECK IMPLANT Ø4.1MM SR X 12.0MM	125SR41N	109
8NECK IMPLANT Ø4.1MM SR X 6.0MM	125SR41G	109
8NECK IMPLANT Ø4.1MM SR X 8.0MM	125SR41J	109
8NECK IMPLANT Ø4.8MM SR X 10.0MM	125SR48L	109
8NECK IMPLANT Ø4.8MM SR X 12.0MM	125SR48N	109
8NECK IMPLANT Ø4.8MM SR X 6.0MM	125SR48G	109
8NECK IMPLANT Ø4.8MM SR X 8.0MM	125SR48J	109
ABUTMENT FOR MINI	CMI17	156
ABUTMENT FOR TWO Ø 4,00 H. 2 MM	MMC36N02	144
ABUTMENT FOR TWO Ø 5,00 H. 2 MM	MMC40N02	144
ABUTMENT LARGE IR Ø3.7MM H4.0MM FLARE=4.7MM	221IR4A0	92
ABUTMENT LARGE IR Ø4.6MM H4.0MM FLARE=5.6MM	221IR4A1	92
ABUTMENT NA H0MM 0°	267NA0A0	60, 102
ANGLED ABUTMENT 15° ER H.4.0MM	220ER4D0	52
ANGLED ABUTMENT 15° ER H2.0MM	220ER2D0	52
ANGLED ABUTMENT 15° FOR MINI H. 1	MMI1715	156
ANGLED ABUTMENT 15° FOR TWO Ø 4,00 H. 4 MM	MMP36N14	142
ANGLED ABUTMENT 15° FOR TWO Ø 5,00 H. 2 MM	MMP40N12	142
ANGLED ABUTMENT 15° FOR TWO Ø 5,00 H. 3 MM	MMP40N13	142
ANGLED ABUTMENT 15° FOR TWO Ø 5,00 H. 4 MM	MMP40N14	142
ANGLED ABUTMENT 15° FOR TWO Ø 4,00 H. 2 MM	MMP36N12	142
ANGLED ABUTMENT 15° FOR TWO Ø 4,00 H. 3 MM	MMP36N13	142
ANGLED ABUTMENT 15° IM H2.0MM	220IM2D0	92
ANGLED ABUTMENT 15° IR H2.0MM	220IR2D0	92
ANGLED ABUTMENT 15° IR H4.0MM	220IR4D0	92

DESCRIPTION	CODE	PAG.
ANGLED ABUTMENT 15° IW H2.0MM	220IW2D0	92
ANGLED ABUTMENT 25° ER H.4.0MM	220ER4F0	52
ANGLED ABUTMENT 25° ER H2.0MM	220ER2F0	52
ANGLED ABUTMENT 25° FOR TWO Ø 4,00 H. 2 MM	MMQ36N22	142
ANGLED ABUTMENT 25° FOR TWO Ø 4,00 H. 3 MM	MMQ36N23	142
ANGLED ABUTMENT 25° FOR TWO Ø 4,00 H. 4 MM	MMQ36N24	142
ANGLED ABUTMENT 25° FOR TWO Ø 5,00 H. 2 MM	MMQ40N22	142
ANGLED ABUTMENT 25° FOR TWO Ø 5,00 H. 3 MM	MMQ40N23	142
ANGLED ABUTMENT 25° FOR TWO Ø 5,00 H. 4 MM	MMQ40N24	142
ANGLED ABUTMENT 25° IM H2.0MM	220IM2F0	92
ANGLED ABUTMENT 25° IR H2.0MM	220IR2F0	92
ANGLED ABUTMENT 25° IR H4.0MM	220IR4F0	92
ANGLED ABUTMENT SR 15° FLARE=3.5MM L5.7MM	220SR0D0	124
ANGLED ABUTMENT SR 20° FLARE=3.5MM L5.7MM	220SR0E0	124
BLADE DRILL Ø 1,20 FOR MINI WITH MULTI-STOP	FMI12	182
BLADE DRILL Ø 1,20 FOR MINI	FMI12N	182
BLADE DRILL Ø 1,70 FOR MINI	FMI17N	182
BLADE DRILL Ø 1,70 FOR MINI WITH MULTISTOP	FMI17	182
BONE PROFILER HS Ø4.3MM L25MM	435HS430	190
BT EVO DL IMPLANT Ø3.3MM EN SP X 10.0MM	113EN33L	39
BT EVO DL IMPLANT Ø3.3MM EN SP X 11.5MM	113EN33M	39
BT EVO DL IMPLANT Ø3.3MM EN SP X 13.0MM	113EN33P	39
BT EVO DL IMPLANT Ø3.3MM EN SP X 15.0MM	113EN33R	39
BT EVO DL IMPLANT Ø3.3MM EN SP X 8.50MM	113EN33J	39
BT EVO DL IMPLANT Ø3.3MM EN X 10.0MM	111EN33L	39
BT EVO DL IMPLANT Ø3.3MM EN X 11.5MM	111EN33M	39
BT EVO DL IMPLANT Ø3.3MM EN X 13.0MM	111EN33P	39
BT EVO DL IMPLANT Ø3.3MM EN X 15.0MM	111EN33R	39
BT EVO DL IMPLANT Ø3.3MM EN X 8.50MM	111EN33J	39
BT EVO DL IMPLANT Ø3.3MM IR SP X 10.0MM	117IR33L	79
BT EVO DL IMPLANT Ø3.3MM IR SP X 11.5MM	117IR33M	79
BT EVO DL IMPLANT Ø3.3MM IR SP X 13.0MM	117IR33P	79
BT EVO DL IMPLANT Ø3.3MM IR SP X 15.0MM	117IR33R	79
BT EVO DL IMPLANT Ø3.3MM IR X 10.0MM	115IR33L	79
BT EVO DL IMPLANT Ø3.3MM IR X 10.0MM (10 PIECES BOX)	115IR33L.10	79
BT EVO DL IMPLANT Ø3.3MM IR X 11.5MM	115IR33M	79
BT EVO DL IMPLANT Ø3.3MM IR X 11.5MM (10 PIECES BOX)	115IR33M.10	79
BT EVO DL IMPLANT Ø3.3MM IR X 13.0MM	115IR33P	79
BT EVO DL IMPLANT Ø3.3MM IR X 15.0MM	115IR33R	79
BT EVO DL IMPLANT Ø4.0MM ER SP X 10.0MM	113ER40L	39
BT EVO DL IMPLANT Ø4.0MM ER SP X 11.5MM	113ER40M	39
BT EVO DL IMPLANT Ø4.0MM ER SP X 13.0MM	113ER40P	39

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BTE - BTKL

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

DESCRIPTION	CODE	PAG.
BT EVO DL IMPLANT Ø4.0MM ER SP X 15.0MM	113ER40R	39
BT EVO DL IMPLANT Ø4.0MM ER SP X 7.0MM	113ER40I	39
BT EVO DL IMPLANT Ø4.0MM ER SP X 8.50MM	113ER40J	39
BT EVO DL IMPLANT Ø4.0MM ER X 10.0MM	111ER40L	39
BT EVO DL IMPLANT Ø4.0MM ER X 10.0MM (10 PIECES BOX)	111ER40L.10	39
BT EVO DL IMPLANT Ø4.0MM ER X 11.5MM	111ER40M	39
BT EVO DL IMPLANT Ø4.0MM ER X 13.0MM	111ER40P	39
BT EVO DL IMPLANT Ø4.0MM ER X 15.0MM	111ER40R	39
BT EVO DL IMPLANT Ø4.0MM ER X 7.0MM	111ER40I	39
BT EVO DL IMPLANT Ø4.0MM ER X 8.50MM	111ER40J	39
BT EVO DL IMPLANT Ø4.0MM IR SP X 10.0MM	117IR40L	79
BT EVO DL IMPLANT Ø4.0MM IR SP X 11.5MM	117IR40M	79
BT EVO DL IMPLANT Ø4.0MM IR SP X 13.0MM	117IR40P	79
BT EVO DL IMPLANT Ø4.0MM IR SP X 15.0MM	117IR40R	79
BT EVO DL IMPLANT Ø4.0MM IR SP X 7.0MM	117IR40I	79
BT EVO DL IMPLANT Ø4.0MM IR SP X 7.0MM (10 PIECES BOX)	117IR40I.10	79
BT EVO DL IMPLANT Ø4.0MM IR SP X 8.50MM	117IR40J	79
BT EVO DL IMPLANT Ø4.0MM IR X 10.0MM	115IR40L	79
BT EVO DL IMPLANT Ø4.0MM IR X 10.0MM (10 PIECES BOX)	115IR40L.10	79
BT EVO DL IMPLANT Ø4.0MM IR X 11.5MM	115IR40M	79
BT EVO DL IMPLANT Ø4.0MM IR X 11.5MM (10 PIECES BOX)	115IR40M.10	79
BT EVO DL IMPLANT Ø4.0MM IR X 13.0MM	115IR40P	79
BT EVO DL IMPLANT Ø4.0MM IR X 15.0MM	115IR40R	79
BT EVO DL IMPLANT Ø4.0MM IR X 8.50MM	115IR40J	79
BT EVO DL IMPLANT Ø5.0MM EW SP X 10.0MM	113EW50L	39
BT EVO DL IMPLANT Ø5.0MM EW SP X 11.5MM	113EW50M	39
BT EVO DL IMPLANT Ø5.0MM EW SP X 13.0MM	113EW50P	39
BT EVO DL IMPLANT Ø5.0MM EW SP X 15.0MM	113EW50R	39
BT EVO DL IMPLANT Ø5.0MM EW SP X 7.0MM	113EW50I	39
BT EVO DL IMPLANT Ø5.0MM EW SP X 8.50MM	113EW50J	39
BT EVO DL IMPLANT Ø5.0MM EW X 10.0MM	111EW50L	39
BT EVO DL IMPLANT Ø5.0MM EW X 11.5MM	111EW50M	39
BT EVO DL IMPLANT Ø5.0MM EW X 13.0MM	111EW50P	39
BT EVO DL IMPLANT Ø5.0MM EW X 15.0MM	111EW50R	39
BT EVO DL IMPLANT Ø5.0MM EW X 7.0MM	111EW50I	39
BT EVO DL IMPLANT Ø5.0MM EW X 8.50MM	111EW50J	39
BT EVO DL IMPLANT Ø5.0MM IW SP X 10.0MM	117IW50L	79
BT EVO DL IMPLANT Ø5.0MM IW SP X 11.5MM	117IW50M	79
BT EVO DL IMPLANT Ø5.0MM IW SP X 13.0MM	117IW50P	79
BT EVO DL IMPLANT Ø5.0MM IW SP X 15.0MM	117IW50R	79
BT EVO DL IMPLANT Ø5.0MM IW SP X 7.0MM	117IW50I	79
BT EVO DL IMPLANT Ø5.0MM IW SP X 8.50MM	117IW50J	79

DESCRIPTION	CODE	PAG.
BT EVO DL IMPLANT Ø5.0MM IW X 10.0MM	115IW50L	79
BT EVO DL IMPLANT Ø5.0MM IW X 10.0MM (10 PIECES BOX)	115IW50L.10	79
BT EVO DL IMPLANT Ø5.0MM IW X 11.5MM	115IW50M	79
BT EVO DL IMPLANT Ø5.0MM IW X 11.5MM (10 PIECES BOX)	115IW50M.10	79
BT EVO DL IMPLANT Ø5.0MM IW X 13.0MM	115IW50P	79
BT EVO DL IMPLANT Ø5.0MM IW X 15.0MM	115IW50R	79
BT EVO DL IMPLANT Ø5.0MM IW X 7.0MM	115IW50I	79
BT EVO DL IMPLANT Ø5.0MM IW X 8.50MM	115IW50J	79
BT KLASSIC IMPLANT Ø3.25MM EN X 10.0MM	103EN32L	27
BT KLASSIC IMPLANT Ø3.25MM EN X 10.0MM (10 PIECES BOX)	103EN32L.10	27
BT KLASSIC IMPLANT Ø3.25MM EN X 11.5MM	103EN32M	27
BT KLASSIC IMPLANT Ø3.25MM EN X 11.5MM (10 PIECES BOX)	103EN32M.10	27
BT KLASSIC IMPLANT Ø3.25MM EN X 13.0MM	103EN32P	27
BT KLASSIC IMPLANT Ø3.25MM EN X 13.0MM (10 PIECES BOX)	103EN32P.10	27
BT KLASSIC IMPLANT Ø3.25MM EN X 15.0MM	103EN32R	27
BT KLASSIC IMPLANT Ø3.25MM EN X 15.0MM (10 PIECES BOX)	103EN32R.10	27
BT KLASSIC IMPLANT Ø3.25MM EN X 8.50MM	103EN32J	27
BT KLASSIC IMPLANT Ø3.25MM EN X 8.50MM (10 PIECES BOX)	103EN32J.10	27
BT KLASSIC IMPLANT Ø3.25MM ER X 10.0MM	103ER32L	27
BT KLASSIC IMPLANT Ø3.25MM ER X 11.5MM	103ER32M	27
BT KLASSIC IMPLANT Ø3.25MM ER X 13.0MM	103ER32P	27
BT KLASSIC IMPLANT Ø3.25MM ER X 15.0MM	103ER32R	27
BT KLASSIC IMPLANT Ø3.25MM ER X 8.50MM	103ER32J	27
BT KLASSIC IMPLANT Ø3.25MM ER X 8.50MM (10 PIECES BOX)	103ER32J.10	27
BT KLASSIC IMPLANT Ø3.25MM IR X 10.0MM	106IR32L	67
BT KLASSIC IMPLANT Ø3.25MM IR X 10.0MM (10 PIECES BOX)	106IR32L.10	67
BT KLASSIC IMPLANT Ø3.25MM IR X 11.5MM	106IR32M	67
BT KLASSIC IMPLANT Ø3.25MM IR X 11.5MM (10 PIECES BOX)	106IR32M.10	67
BT KLASSIC IMPLANT Ø3.25MM IR X 13.0MM	106IR32P	67
BT KLASSIC IMPLANT Ø3.25MM IR X 13.0MM (10 PIECES BOX)	106IR32P.10	67
BT KLASSIC IMPLANT Ø3.25MM IR X 15.0MM	106IR32R	67
BT KLASSIC IMPLANT Ø3.75MM ER X 10.0MM	103ER37L	27
BT KLASSIC IMPLANT Ø3.75MM ER X 10.0MM (10 PIECES BOX)	103ER37L.10	27
BT KLASSIC IMPLANT Ø3.75MM ER X 11.5MM	103ER37M	27
BT KLASSIC IMPLANT Ø3.75MM ER X 11.5MM (10 PIECES BOX)	103ER37M.10	27
BT KLASSIC IMPLANT Ø3.75MM ER X 13.0MM	103ER37P	27
BT KLASSIC IMPLANT Ø3.75MM ER X 13.0MM (10 PIECES BOX)	103ER37P.10	27
BT KLASSIC IMPLANT Ø3.75MM ER X 15.0MM	103ER37R	27
BT KLASSIC IMPLANT Ø3.75MM ER X 15.0MM (10 PIECES BOX)	103ER37R.10	27
BT KLASSIC IMPLANT Ø3.75MM ER X 8.50MM	103ER37J	27
BT KLASSIC IMPLANT Ø3.75MM ER X 8.50MM (10 PIECES BOX)	103ER37J.10	27
BT KLASSIC IMPLANT Ø3.75MM IR X 10.0MM	106IR37L	67

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BTKL - BTKO

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

DESCRIPTION	CODE	PAG.
BT KLASSIC IMPLANT Ø3.75MM IR X 10.0MM (10 PIECES BOX)	106IR37L.10	67
BT KLASSIC IMPLANT Ø3.75MM IR X 11.5MM	106IR37M	67
BT KLASSIC IMPLANT Ø3.75MM IR X 11.5MM (10 PIECES BOX)	106IR37M.10	67
BT KLASSIC IMPLANT Ø3.75MM IR X 13.0MM	106IR37P	67
BT KLASSIC IMPLANT Ø3.75MM IR X 13.0MM (10 PIECES BOX)	106IR37P.10	67
BT KLASSIC IMPLANT Ø3.75MM IR X 15.0MM	106IR37R	67
BT KLASSIC IMPLANT Ø3.75MM IR X 8.50MM	106IR37J	67
BT KLASSIC IMPLANT Ø4.00MM ER X 10.0MM	103ER40L	27
BT KLASSIC IMPLANT Ø4.00MM ER X 10.0MM (10 PIECES BOX)	103ER40L.10	27
BT KLASSIC IMPLANT Ø4.00MM ER X 11.5MM	103ER40M	27
BT KLASSIC IMPLANT Ø4.00MM ER X 11.5MM (10 PIECES BOX)	103ER40M.10	27
BT KLASSIC IMPLANT Ø4.00MM ER X 13.0MM	103ER40P	27
BT KLASSIC IMPLANT Ø4.00MM ER X 13.0MM (10 PIECES BOX)	103ER40P.10	27
BT KLASSIC IMPLANT Ø4.00MM ER X 15.0MM	103ER40R	27
BT KLASSIC IMPLANT Ø4.00MM ER X 15.0MM (10 PIECES BOX)	103ER40R.10	27
BT KLASSIC IMPLANT Ø4.00MM ER X 18.0MM	103ER40T	27
BT KLASSIC IMPLANT Ø4.00MM ER X 18.0MM (10 PIECES BOX)	103ER40T.10	27
BT KLASSIC IMPLANT Ø4.00MM ER X 8.50MM	103ER40J	27
BT KLASSIC IMPLANT Ø4.00MM ER X 8.50MM (10 PIECES BOX)	103ER40J.10	27
BT KLASSIC IMPLANT Ø4.25MM IM X 10.0MM	106IM42L	67
BT KLASSIC IMPLANT Ø4.25MM IM X 10.0MM (10 PIECES BOX)	106IM42L.10	67
BT KLASSIC IMPLANT Ø4.25MM IM X 11.5MM	106IM42M	67
BT KLASSIC IMPLANT Ø4.25MM IM X 11.5MM (10 PIECES BOX)	106IM42M.10	67
BT KLASSIC IMPLANT Ø4.25MM IM X 13.0MM	106IM42P	67
BT KLASSIC IMPLANT Ø4.25MM IM X 15.0MM	106IM42R	67
BT KLASSIC IMPLANT Ø4.25MM IM X 8.50MM	106IM42J	67
BT KLASSIC IMPLANT Ø5.00MM EW X 10.0MM	103EW50L	27
BT KLASSIC IMPLANT Ø5.00MM EW X 10.0MM (10 PIECES BOX)	103EW50L.10	27
BT KLASSIC IMPLANT Ø5.00MM EW X 11.5MM	103EW50M	27
BT KLASSIC IMPLANT Ø5.00MM EW X 11.5MM (10 PIECES BOX)	103EW50M.10	27
BT KLASSIC IMPLANT Ø5.00MM EW X 13.0MM	103EW50P	27
BT KLASSIC IMPLANT Ø5.00MM EW X 13.0MM (10 PIECES BOX)	103EW50P.10	27
BT KLASSIC IMPLANT Ø5.00MM EW X 15.0MM	103EW50R	27
BT KLASSIC IMPLANT Ø5.00MM EW X 8.50MM	103EW50J	27
BT KLASSIC IMPLANT Ø5.00MM EW X 8.50MM (10 PIECES BOX)	103EW50J.10	27
BT KLASSIC IMPLANT Ø5.00MM IW X 10.0MM	106IW50L	67
BT KLASSIC IMPLANT Ø5.00MM IW X 10.0MM (10 PIECES BOX)	106IW50L.10	67
BT KLASSIC IMPLANT Ø5.00MM IW X 11.5MM	106IW50M	67
BT KLASSIC IMPLANT Ø5.00MM IW X 13.0MM	106IW50P	67
BT KLASSIC IMPLANT Ø5.00MM IW X 15.0MM	106IW50R	67
BT KLASSIC IMPLANT Ø5.00MM IW X 8.50MM	106IW50J	67
BT KONIC IMPLANT Ø3.25MM EN X 10.0MM	107EN32L	33

DESCRIPTION	CODE	PAG.
BT KONIC IMPLANT Ø3.25MM EN X 11.5MM	107EN32M	33
BT KONIC IMPLANT Ø3.25MM EN X 13.0MM	107EN32P	33
BT KONIC IMPLANT Ø3.25MM EN X 13.0MM (10 PIECES BOX)	107EN32P.10	33
BT KONIC IMPLANT Ø3.25MM EN X 15.0MM	107EN32R	33
BT KONIC IMPLANT Ø3.25MM IR X 10.0MM	108IR32L	73
BT KONIC IMPLANT Ø3.25MM IR X 10.0MM (10 PIECES BOX)	108IR32L.10	73
BT KONIC IMPLANT Ø3.25MM IR X 11.5MM	108IR32M	73
BT KONIC IMPLANT Ø3.25MM IR X 11.5MM (10 PIECES BOX)	108IR32M.10	73
BT KONIC IMPLANT Ø3.25MM IR X 13.0MM	108IR32P	73
BT KONIC IMPLANT Ø3.25MM IR X 13.0MM (10 PIECES BOX)	108IR32P.10	73
BT KONIC IMPLANT Ø3.25MM IR X 15.0MM	108IR32R	73
BT KONIC IMPLANT Ø4.00MM ER X 10.0MM	107ER40L	33
BT KONIC IMPLANT Ø4.00MM ER X 10.0MM (10 PIECES BOX)	107ER40L.10	33
BT KONIC IMPLANT Ø4.00MM ER X 11.5MM	107ER40M	33
BT KONIC IMPLANT Ø4.00MM ER X 11.5MM (10 PIECES BOX)	107ER40M.10	33
BT KONIC IMPLANT Ø4.00MM ER X 13.0MM	107ER40P	33
BT KONIC IMPLANT Ø4.00MM ER X 13.0MM (10 PIECES BOX)	107ER40P.10	33
BT KONIC IMPLANT Ø4.00MM ER X 15.0MM	107ER40R	33
BT KONIC IMPLANT Ø4.00MM ER X 15.0MM (10 PIECES BOX)	107ER40R.10	33
BT KONIC IMPLANT Ø4.00MM ER X 8.50MM	107ER40J	33
BT KONIC IMPLANT Ø4.00MM ER X 8.50MM (10 PIECES BOX)	107ER40J.10	33
BT KONIC IMPLANT Ø4.00MM IR X 10.0MM	108IR40L	73
BT KONIC IMPLANT Ø4.00MM IR X 10.0MM (10 PIECES BOX)	108IR40L.10	73
BT KONIC IMPLANT Ø4.00MM IR X 11.5MM	108IR40M	73
BT KONIC IMPLANT Ø4.00MM IR X 11.5MM (10 PIECES BOX)	108IR40M.10	73
BT KONIC IMPLANT Ø4.00MM IR X 13.0MM	108IR40P	73
BT KONIC IMPLANT Ø4.00MM IR X 13.0MM (10 PIECES BOX)	108IR40P.10	73
BT KONIC IMPLANT Ø4.00MM IR X 15.0MM	108IR40R	73
BT KONIC IMPLANT Ø4.00MM IR X 8.50MM	108IR40J	73
BT KONIC IMPLANT Ø4.00MM IR X 8.50MM (10 PIECES BOX)	108IR40J.10	73
BT KONIC IMPLANT Ø5.00MM EW X 10.0MM	107EW50L	33
BT KONIC IMPLANT Ø5.00MM EW X 10.0MM (10 PIECES BOX)	107EW50L.10	33
BT KONIC IMPLANT Ø5.00MM EW X 11.5MM	107EW50M	33
BT KONIC IMPLANT Ø5.00MM EW X 11.5MM (10 PIECES BOX)	107EW50M.10	33
BT KONIC IMPLANT Ø5.00MM EW X 13.0MM	107EW50P	33
BT KONIC IMPLANT Ø5.00MM EW X 13.0MM (10 PIECES BOX)	107EW50P.10	33
BT KONIC IMPLANT Ø5.00MM EW X 15.0MM	107EW50R	33
BT KONIC IMPLANT Ø5.00MM EW X 8.50MM	107EW50J	33
BT KONIC IMPLANT Ø5.00MM EW X 8.50MM (10 PIECES BOX)	107EW50J.10	33
BT KONIC IMPLANT Ø5.00MM IW X 10.0MM	108IW50L	73
BT KONIC IMPLANT Ø5.00MM IW X 10.0MM (10 PIECES BOX)	108IW50L.10	73
BT KONIC IMPLANT Ø5.00MM IW X 11.5MM	108IW50M	73

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BTKO - DR

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

DESCRIPTION	CODE	PAG.
BT KONIC IMPLANT Ø5.00MM IW X 13.0MM	108IW50P	73
BT KONIC IMPLANT Ø5.00MM IW X 15.0MM	108IW50R	73
BT KONIC IMPLANT Ø5.00MM IW X 8.50MM	108IW50J	73
BT4 ANGLED ABUTMENT ER H. 3MM 17° FLARE=4.8	266ER3L0	59
BT4 ANGLED ABUTMENT ER H. 3MM 30° FLARE=4.8	266ER3G0	59
BT4 ANGLED ABUTMENT IR H. 3MM 17° FLARE=4.8	266IR3L0	101
BT4 ANGLED ABUTMENT IR H. 3MM 30° FLARE=4.8	266IR3G0	101
BT-4 SCREW NA M1.8 - ANGLED ABUTMENT	690NA058	199
BT-4 SCREW NA M1.8 - H2/H3	690NA037	199
BT-4 SCREW NA M2.0 - (ANGLED ABUTMENT)	690NA038	195
BT-4 SCREW NA M2.0 - H1	690NA059	195
BT-4 SCREW NA M2.0 - H2 E H3	690NA060	195
BT4 STRAIGHT ABUTMENT ER H. 1MM 00° FLARE=4.8	265ER1A0	59
BT4 STRAIGHT ABUTMENT ER H. 2MM 00° FLARE=4.8	265ER2A0	59
BT4 STRAIGHT ABUTMENT ER H. 3MM 00° FLARE=4.8	265ER3A0	59
BT4 STRAIGHT ABUTMENT IR H. 2MM 00° FLARE=4.8	265IR2A0	101
BT4 STRAIGHT ABUTMENT IR H. 3MM 00° FLARE=4.8	265IR3A0	101
BT-4 TRANSFER SCREW NA ES.1.20MM M1.4 L15MM	690NA031	195, 200
CAP PARTS NA (3 PIECES BOXI)	690NA029	196, 200
CONICAL DRILL FOR TWO Ø 4,00 X 10,00	FFW40S10	178
CONICAL DRILL FOR TWO Ø 4,00 X 11,50	FFW40S11	178
CONICAL DRILL FOR TWO Ø 4,00 X 13,50	FFW40S13	178
CONICAL DRILL FOR TWO Ø 4,00 X 15,50	FFW40S15	178
CONICAL DRILL FOR TWO Ø 4,00 X 17,50	FFW40S17	178
CONICAL DRILL FOR TWO Ø 5,00 X 10,00	FFW50S10	178
CONICAL DRILL FOR TWO Ø 5,00 X 11,50	FFW50S11	178
CONICAL DRILL FOR TWO Ø 5,00 X 13,50	FFW50S13	178
CONICAL DRILL FOR TWO Ø 5,00 X 15,50	FFW50S15	178
CONICAL DRILL FOR TWO Ø 5,00 X 17,50	FFW50S17	178
CONICAL DRILL FOR TWO Ø 6,00 X 10,00	FFW60S10	178
CONICAL DRILL FOR TWO Ø 6,00 X 11,50	FFW60S11	178
CONICAL DRILL FOR TWO Ø 6,00 X 13,50	FFW60S13	178
CONICAL DRILL FOR TWO Ø 6,00 X 15,50	FFW60S15	178
CORE TOOL 3 IN 1 LOCATOR MA	502MA004	57, 99
CORTICAL SCREW Ø 2 FOR 5,5	VAM2055	197, 201, 203, 205
COUNTERBORE HR Ø3.3MM L34MM OCTA	432HR330	170
COUNTERBORE HR Ø4.1MM L34MM OCTA	432HR410	170
COUNTERBORE HR Ø4.8MM L34MM OCTA	432HR480	170
COUNTERBORE HS Ø3.25MM EXT L27MM BT KONIC	433HS340	170
COUNTERBORE HS Ø3.25MM INT L27MM BT KONIC	433HS375	170
COUNTERBORE HS Ø3.25MM L27MM BT KLASSIC EXT Ø3.25	430HS320	170
COUNTERBORE HS Ø3.25MM PL L27MM BT KLASSIC EXT Ø3.25 PL	430HS322	170

DESCRIPTION	CODE	PAG.
COUNTERBORE HS Ø3.3MM L25MM OCTA	432HS330	170
COUNTERBORE HS Ø3.3MM L26MM EVO	431HS330	170
COUNTERBORE HS Ø3.75/4.00MM L27MM BT KLASSIC EXT Ø3.75/4.00	430HS370	170
COUNTERBORE HS Ø3.75MM L27MM BT KLASSIC INT Ø3.25/3.75	430HS321	170
COUNTERBORE HS Ø4.00MM L27MM BT KONIC	433HS405	170
COUNTERBORE HS Ø4.00MM REDUCED BT KONIC	433HS405.R	170
COUNTERBORE HS Ø4.0MM L26MM EVO	431HS400	170
COUNTERBORE HS Ø4.1MM L25MM OCTA	432HS410	170
COUNTERBORE HS Ø4.25MM L30MM BT KLASSIC INT Ø4.25	430HS420	170
COUNTERBORE HS Ø4.8MM L25MM OCTA	432HS480	170
COUNTERBORE HS Ø5.00MM L27MM BT KONIC	433HS500	170
COUNTERBORE HS Ø5.00MM L30MM BT KLASSIC EXT-INT Ø5.00	430HS500	170
COUNTERBORE HS Ø5.00MM REDUCED BT KONIC	433HS500.R	170
COUNTERBORE HS Ø5.0MM L26MM EVO	431HS500	170
COUNTERBORE SP HS Ø3.3MM L26MM EVO	431HS331	170
COUNTERBORE SP HS Ø4.0MM L26MM EVO	431HS401	170
COUNTERBORE SP HS Ø5.0MM L26MM EVO	431HS501	170
COVER CAPS KIT NA H0MM 0° FLARE=0.0MM	330NA0A0.04	61, 103
DEPTH GAUGE FOR ONE/TWO	SSMISPRO	178
DEPTH GAUGE MA Ø1.90MM L33MM	540MA008	165
DEPTH GAUGE MA Ø2,20MM L28MM	540MA001	165
DEPTH GAUGE MA Ø2.30MM 30°	540MA002	165
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DIGITAL DRIVER FOR HANDPIECE WRENCH	NE12P	197, 201, 203, 205
DIGITAL DRIVER FOR MINI	DMIM	183
DIGITAL DRIVER FOR SPHERO FLEX/BLOCK	771CEF	56, 98, 126, 145
DIGITAL IMPLANT DRIVER LONG	DDED12LD	180
DIGITAL IMPLANT DRIVER MEDIUM	DDAD31M0	179
DIGITAL RATCHET QUATTROTI	501JD001	210
DRILL STOP H10.0MM NA (SCREWABLE)	515NA008	164
DRILL STOP H10MM NA (SCREWABLE)	515NA003	164
DRILL STOP H11.5MM NA (SCREWABLE)	515NA009	164
DRILL STOP H11.5MM NA (SCREWABLE+RETENTIVE)	517NA115	169
DRILL STOP H12MM NA (SCREWABLE)	515NA004	164
DRILL STOP H13.0MM NA (SCREWABLE)	515NA010	164
DRILL STOP H13.0MM NA (SCREWABLE+RETENTIVE)	517NA130	169
DRILL STOP H15.0MM NA (SCREWABLE)	515NA011	164
DRILL STOP H15.0MM NA (SCREWABLE+RETENTIVE)	517NA150	169
DRILL STOP H5.5MM NA (SCREWABLE)	515NA005	164
DRILL STOP H5.5MM NA (SCREWABLE+RETENTIVE)	517NA550	169
DRILL STOP H7.0MM NA (SCREWABLE)	515NA006	164
DRILL STOP H7.0MM NA (SCREWABLE+RETENTIVE)	517NA700	169

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DRI - HEA

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

DESCRIPTION	CODE	PAG.
DRILL STOP H8.0MM NA (SCREWABLE)	515NA002	164
DRILL STOP H8.5MM NA (SCREWABLE)	515NA007	164
DRILLS EXTENSION FOR TWO	NNF0525U	179
DRILLS EXTENSION HS L27.5MM	520HS001	170
DRILLS STOP KIT (SCREWABLE+RETENTIVE) NA	690NA055	169
DRIVER FOR HANDPIECE HS ES.0.90MM L22MM	530HS002	174
DRIVER FOR HANDPIECE HS ES.0.90MM L30MM	530HS003	174
DRIVER FOR HANDPIECE HS ES.1.20MM L22MM	530HS004	174
DRIVER FOR HANDPIECE HS ES.1.20MM L30MM	530HS005	174
DRIVER HS FOR IMPLANT INSERTION BT EVO EXT Ø3,3MM L26MM	530HS006	172
DRIVER HS FOR IMPLANT INSERTION BT EVO EXT Ø3,3MM L32MM	530HS010	172
DRIVER HS FOR IMPLANT INSERTION BT EVO EXT Ø4,0 - 5,0MM L26MM	530HS007	172
DRIVER HS FOR IMPLANT INSERTION BT EVO EXT Ø4,0 - 5,0MM L32MM	530HS011	172
DRIVER HS FOR IMPLANT INSERTION BT EVO INT L26MM	530HS009	172
DRIVER HS FOR IMPLANT INSERTION BT EVO INT L30MM	530HS008	172
DRIVER JD (REDUCED) ES.1.20MM L14MM	530JD014	190
DRIVER JD ES. 0.90MM L10MM	530JD011	173
DRIVER JD ES. 0.90MM L13MM	530JD012	173
DRIVER JD ES. 1.20MM L10MM	530JD004	173
DRIVER JD ES. 1.20MM L14MM	530JD005	173
DRIVER JD ES. 1.20MM L20MM	530JD006	173
DRIVER JD ES. 1.20MM L30MM	530JD007	173
DRIVER JD ES. 1.20MM L5MM	530JD003	173
DRIVER JD ES.2.0MM L6MM	530JD015	190
DRIVER JD ES.3.10MM L11MM	530JD009	171
DRIVER JD ES.3.10MM L14MM	530JD010	171
DRIVER JD ES.3.10MM L7MM	530JD008	171
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ESTHETIC ABUTMENT EN	219EN0A0	53
ESTHETIC ABUTMENT ER	219ER0A0	53
ESTHETIC ABUTMENT EW	219EW0A0	53
ESTHETIC ABUTMENT FOR TWO Ø 4,00 H. 1 MM	MEO36N01	143
ESTHETIC ABUTMENT FOR TWO Ø 5,00 H. 1 MM	MEO40N01	143
ESTHETIC ABUTMENT FOR TWO Ø 6,00 H. 1 MM	MEO60N01	143
ESTHETIC ABUTMENT IM	219IM0A0	93
ESTHETIC ABUTMENT IR	219IR0A0	93
ESTHETIC ABUTMENT IW	219IW0A0	93
EXTRACTION DEVICE JD	530JD017	95, 173
FRICTION-FIT ABUTMENT IM 15° H1.0MM SV4.5MM	223IM0D0	94
FRICTION-FIT ABUTMENT IM 25° H1.0MM SV4.5MM	223IM0F0	94
FRICTION-FIT ABUTMENT IM H1.0MM SV4.5MM	223IM0A0	94
FRICTION-FIT ABUTMENT IR 15° H1.0MM SV4.5MM	223IR0D0	94

DESCRIPTION	CODE	PAG.
FRICTION-FIT ABUTMENT IR 25° H1.0MM SV4.5MM	223IR0F0	94
FRICTION-FIT ABUTMENT IR H1.0MM SV4.5MM	223IR0A0	94
FRICTION-FIT ABUTMENT IW 15° H1.0MM SV4.5MM	223IW0D0	94
FRICTION-FIT ABUTMENT IW 25° H1.0MM SV4.5MM	223IW0F0	94
FRICTION-FIT ABUTMENT IW H1.0MM SV4.5MM	223IW0A0	94
GOLD BASE EN NOT ROTATING H1MM	245EN1A0	54
GOLD BASE EN ROTATING H1MM	245EN1R0	54
GOLD BASE ER NOT ROTATING H1MM	245ER1A0	54
GOLD BASE ER ROTATING H1MM	245ER1R0	54
GOLD BASE EW NOT ROTATING H1MM	245EW1A0	54
GOLD BASE EW ROTATING H1MM	245EW1R0	54
GOLD BASE IM H1MM	245IM1A0	96
GOLD BASE IM ROTATING H1MM	245IM1R0	96
GOLD BASE IR H1MM	245IR1A0	96
GOLD BASE IR ROTATING H1MM	245IR1R0	96
GOLD BASE IW H1MM	245IW1A0	96
GOLD BASE IW ROTATING H1MM	245IW1R0	96
GOLD BASE SR	245SR0A0	125
GOLD BASE SR ROTATING	245SR0A1	125
GOLD BASE FOR TWO Ø 4,00	COO36N00	144
GOLD BASE FOR TWO Ø 4,00 ROTATING	COO36R00	144
GOLD BASE FOR TWO Ø 5,00	COO40N00	144
GOLD BASE FOR TWO Ø 5,00 ROTATING	COO40R00	144
GOLD BASE FOR TWO Ø 6,00	COO60N00	144
GOLD RETENTIVE SCREW NA M1.8MM	690NA018	194, 198, 204
GOLD RETENTIVE SCREW NA M2.0MM	690NA019	194
GUIDE POLE MA Ø2.5MM	502MA002	174
H6.0MM NA (SCREWABLE)	515NA001	164
HANDLE FOR HANDPIECE	SSCNU	197, 201, 203, 205
HEALING SCREW EN H2.0MM FLARE=4.5MM	201EN2A0	50
HEALING SCREW EN H3.0MM FLARE=4.5MM	201EN3A0	50
HEALING SCREW EN H4.0MM FLARE=4.5MM	201EN4A0	50
HEALING SCREW EN H6.0MM FLARE=4.5MM	201EN6A0	50
HEALING SCREW ER H2.0MM FLARE=5.0MM	201ER2A0	50
HEALING SCREW ER H3.0MM FLARE=5.0MM	201ER3A0	50
HEALING SCREW ER H4.0MM FLARE=5.0MM	201ER4A0	50
HEALING SCREW ER H4.0MM FLARE=6.0MM	201ER4A1	50
HEALING SCREW ER H4.0MM FLARE=7.5MM	201ER4A2	50
HEALING SCREW ER H6.0MM FLARE=5.0MM	201ER6A0	50
HEALING SCREW ER H6.0MM FLARE=6.0MM	201ER6A1	50
HEALING SCREW ER H6.0MM FLARE=7.5MM	201ER6A2	50
HEALING SCREW ER H8.0MM FLARE=5.0MM	201ER8A0	50

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

DESCRIPTION	CODE	PAG.
HEALING SCREW ER H8.0MM FLARE=6.0MM	201ER8A1	50
HEALING SCREW ER H8.0MM FLARE=7.5MM	201ER8A2	50
HEALING SCREW EW H2.0MM FLARE=6.0MM	201EW2A0	50
HEALING SCREW EW H2.0MM FLARE=7.5MM	201EW2A1	50
HEALING SCREW EW H3.0MM FLARE=6.0MM	201EW3A0	50
HEALING SCREW EW H4.0MM FLARE=6.0MM	201EW4A0	50
HEALING SCREW EW H4.0MM FLARE=7.5MM	201EW4A1	50
HEALING SCREW EW H6.0MM FLARE=6.0MM	201EW6A0	50
HEALING SCREW EW H6.0MM FLARE=7.5MM	201EW6A1	50
HEALING SCREW EW H8.0MM FLARE=5.5MM	201EW8A0	50
HEALING SCREW FOR TWO Ø 4,00 H. 3 MM	GGO36C03	140
HEALING SCREW FOR TWO Ø 4,00 H. 4 MM	GGO36C04	140
HEALING SCREW FOR TWO Ø 4,00 H. 5 MM	GGO36C05	140
HEALING SCREW FOR TWO Ø 4,00 H. 6 MM	GGO36C06	140
HEALING SCREW FOR TWO Ø 5,00 H. 3 MM	GGO40C03	140
HEALING SCREW FOR TWO Ø 5,00 H. 4 MM	GGO40C04	140
HEALING SCREW FOR TWO Ø 5,00 H. 5 MM	GGO40C05	140
HEALING SCREW FOR TWO Ø 5,00 H. 6 MM	GGO40C06	140
HEALING SCREW FOR TWO Ø 6,00 H.4	GGO60C04	140
HEALING SCREW IM H2.0MM FLARE=5.0MM	201IM2A0	90
HEALING SCREW IM H3.0MM FLARE=5.0MM	201IM3A0	90
HEALING SCREW IM H4.0MM FLARE=5.0MM	201IM4A0	90
HEALING SCREW IM H5.0MM FLARE=5.0MM	201IM5A0	90
HEALING SCREW IR H2.0MM FLARE=4.5MM	201IR2A0	90
HEALING SCREW IR H3.0MM FLARE=4.5MM	201IR3A0	90
HEALING SCREW IR H4.0MM FLARE=4.5MM	201IR4A0	90
HEALING SCREW IR H4.0MM FLARE=5.5MM	201IR4A1	90
HEALING SCREW IR H5.0MM FLARE=4.5MM	201IR5A0	90
HEALING SCREW IW H2.0MM FLARE=6.0MM	201IW2A0	90
HEALING SCREW IW H3.0MM FLARE=6.0MM	201IW3A0	90
HEALING SCREW IW H4.0MM FLARE=6.0MM	201IW4A0	90
HEALING SCREW IW H5.0MM FLARE=5.5MM	201IW5A0	90
HEALING SCREW LARGE EN H4.0MM FLARE=4.5MM	202EN4A0	50
HEALING SCREW LARGE ER H4.0MM FLARE=5.5MM	202ER4A0	50
HEALING SCREW LARGE IR Ø3.70MM H4MM FLARE=4.7	202IR4A0	90
HEALING SCREW LARGE IR Ø4.60MM H4MM FLARE=5.6	202IR4A1	90
HEALING SCREW SR H1.5MM FLARE=5.5MM	201SR1A0	122
HEALING SCREW SR H2.0MM FLARE=5.5MM	201SR2A0	122
HEALING SCREW SR H3.0MM FLARE=5.5MM	201SR3A0	122
IMPLANT DRIVER FOR HANDPIECE FOR MINI	NMIM	183
IMPLANT DRIVER FOR HANDPIECE FOR TWO	NNPN31C1	180
IMPLANT REPLICA FOR MINI	AMI17	157

DESCRIPTION	CODE	PAG.
IMPLANT REPLICA FOR TWO Ø 4,00	AIO36I00	141
IMPLANT REPLICA FOR TWO Ø 5,00	AIO40I00	141
IMPLANT REPLICA FOR TWO Ø 6,00	AIO60I00	141
IMPLANT REPLICA SR	301SR0A0	123
IMPLANT REPLICA BT-4 NA H0MM 00° FLARE=0.0MM	303NA0A0	61, 103
IMPLANT REPLICA EN	301EN0A0	51
IMPLANT REPLICA ER	301ER0A1	51
IMPLANT REPLICA EW	301EW0A0	51
IMPLANT REPLICA IM	301IM0A0	91
IMPLANT REPLICA IR	301IR0A1	91
IMPLANT REPLICA IW	301IW0A1	91
IMPLANT REPLICA LARGE EN Ø3.7MM H0MM 00° FLARE=0.0MM	302EN0A0	51
IMPLANT REPLICA LARGE ER Ø4.6MM H0MM 00° FLARE=0.0MM	302ER0A0	51
IMPLANT REPLICA LARGE IR Ø3.7MM H0MM 00° FLARE=0.0MM	302IR0A0	91
IMPLANT REPLICA LARGE IR Ø4.6MM H0MM 00° FLARE=0.0MM	302IR0A1	91
IMPLANT REPLICA LOCATOR NA H0MM 00° FLARE=0.0MM	301NA0A0	57, 97
IMPRESSION CUP SR	310SR0A2.04	122, 202
IMPRESSION TRANSFER FOR TWO Ø 4,00	ATO36MN0	140
IMPRESSION TRANSFER FOR TWO Ø 4,00 ROTATING	ATO36MR0	140
IMPRESSION TRANSFER FOR TWO Ø 5,00	ATO40MN0	140
IMPRESSION TRANSFER FOR TWO Ø 5,00 ROTATING	ATO40MR0	140
IMPRESSION TRANSFER FOR TWO Ø 6,00	ATO60MN0	140
KIT LOCATOR NA CAPE MALE AND BLOCKOUT SPACER	690NA022	57, 99, 127
LANCE DRILL HS Ø2.0MM L30MM	401HS201	164
LOCATOR CAP FOR RETENTIVE WRENCH	690NA020	57, 99, 127
LOCATOR CAPS KIT NA	690NA011	57, 99, 127
LOCATOR RETENTIVE CAPS BOXNA 10N RED (4 PIECES BOX)	690NA005.04	57, 99, 127
LOCATOR RETENTIVE CAPS BOXNA 15N BLUE (4 PIECES BOX)	690NA006.04	57, 99, 127
LOCATOR RETENTIVE CAPS BOXNA 20N ORANGE (4 PIECES BOX)	690NA007.04	57, 99, 127
LOCATOR RETENTIVE CAPS BOXNA 30N PINK (4 PIECES BOX)	690NA008.04	57, 99, 127
LOCATOR RETENTIVE CAPS BOXNA 40N GREEN (4 PIECES BOX)	690NA009.04	57, 99, 127
LOCATOR RETENTIVE CAPS BOXNA 50N PLAIN (4 PIECES BOX)	690NA010.04	57, 99, 127
MANUAL TAPPING SCREW FOR TWO Ø 4,00 X 10.00	HHW40E10	179
MANUAL TAPPING SCREW FOR TWO Ø 4,00 X 11.50	HHW40E11	179
MANUAL TAPPING SCREW FOR TWO Ø 4,00 X 13.50	HHW40E13	179
MANUAL TAPPING SCREW FOR TWO Ø 4,00 X 15.50	HHW40E15	179
MANUAL TAPPING SCREW FOR TWO Ø 4,00 X 17.50	HHW40E17	179
MANUAL TAPPING SCREW FOR TWO Ø 5,00 X 10,00	HHW50E10	179
MANUAL TAPPING SCREW FOR TWO Ø 5,00 X 11,50	HHW50E11	179
MANUAL TAPPING SCREW FOR TWO Ø 5,00 X 13,50	HHW50E13	179
MANUAL TAPPING SCREW FOR TWO Ø 5,00 X 15,50	HHW50E15	179
MANUAL TAPPING SCREW FOR TWO Ø 5,00 X 17,50	HHW50E17	179

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MAN - PLA

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

DESCRIPTION	CODE	PAG.
MANUAL TAPPING SCREW FOR TWO Ø 6,00 X 10,00	HHW60E10	179
MANUAL TAPPING SCREW FOR TWO Ø 6,00 X 11,50	HHW60E11	179
MANUAL TAPPING SCREW FOR TWO Ø 6,00 X 13,50	HHW60E13	179
MANUAL TAPPING SCREW FOR TWO Ø 6,00 X 15,50	HHW60E15	179
METALLIC STOP FOR MINI L. 5,60 MM	FSA5	182
METALLIC STOP FOR MINI L. 7,10 MM	FSA7	182
METALLIC STOP FOR MINI L. 8,60 MM	FSA8	182
METALLIC STOP FOR MINI L. 10,60 MM	FSA10	182
METALLIC STOP FOR MINI L. 4,10 MM	FSA4	182
METALLIC STOPS BOX H8 NA	690NA021	165
METALLIC STOPS FOR MINI (KIT)	FSA410	182
METALLICI TOPS BOX NA DA H5.5 A H15	690NA004	165
MILLABLE ABUTMENT ER FLARE=6.5MM	230ER0A0	55
MILLABLE ABUTMENT FOR TWO Ø 6,00	MMO60F00	142
MILLABLE ABUTMENT IR FLARE=6.5MM	230IR0A0	97
MINI IMPLANT Ø 1,90 X 10.0 + COR1770	IMI19100A	151
MINI IMPLANT Ø 1,90 X 11.5 + COR1770	IMI19115A	151
MINI IMPLANT Ø 1,90 X 13.0 + COR1770	IMI19130A	151
MINI IMPLANT Ø 1,90 X 15.0 + COR1770	IMI19150A	151
MINI IMPLANT Ø 2,50 X 10.0 + COR1770	IMI25100A	151
MINI IMPLANT Ø 2,50 X 11.5 + COR1770	IMI25115A	151
MINI IMPLANT Ø 2,50 X 13.0 + COR1770	IMI25130A	151
MINI IMPLANT Ø 2,50 X 15.0 + COR1770	IMI25150A	151
MONCONE OCTA SR FLARE=3.5MM	220SR0A4	124
MUCOTOME Ø 2,3 FOR MINI	MUM23	182
OCTA ABUTMENT DRIVER OT.3.0MM L14MM OCTA	530JD013	172
OR 70 SH Ø 3,5 SPARE PARTS (6 PIECES BOX)	OR3570	156
O-RING Ø3,5 NA (5 PIECES BOX)	690NA028	196, 200, 204
O-RING Ø4,5 NA (5 PIECES BOX)	690NA033	196, 200, 202, 204
O-RING Ø5,0 NA (5 PIECES BOX)	690NA053	196, 200, 202, 204
PARALLELISM PIN MA Ø2.0 L28MM	540MA003	165
PARALLELISM PIN MA Ø2.0MM Ø2.3MM L22MM	540MA006	165
PARALLELISM PIN MA Ø2.3 L28MM	540MA004	165
PICK-UP TRANSFER EN NOT ROTATING FLARE=4.5MM	319EN0A0	50
PICK-UP TRANSFER EN ROTATING FLARE=4.5MM	319EN0R0	50
PICK-UP TRANSFER ER NOT ROTATING FLARE=5.0MM	319ER0A0	50
PICK-UP TRANSFER ER ROTATING FLARE=5.0MM	319ER0R0	50
PICK-UP TRANSFER EW NOT ROTATING FLARE=6.0MM	319EW0A0	50
PICK-UP TRANSFER EW ROTATING FLARE=6.0MM	319EW0R0	50
PICK-UP TRANSFER IM FLARE=5.0MM	319IM0A0	90
PICK-UP TRANSFER IR FLARE=4.5MM	319IR0A0	90
PICK-UP TRANSFER IR ROTATING FLARE=4.5MM	319IR0R0	90

DESCRIPTION	CODE	PAG.
PICK-UP TRANSFER IW FLARE=6.0MM	319IW0A1	90
PICK-UP TRANSFER IW ROTATING FLARE=6.0MM	319IW0R0	90
PICK-UP TRANSFER LARGE EN NOT ROTATING Ø3.7MM FLARE=4.1MM	321EN0A0	50
PICK-UP TRANSFER LARGE EN ROTATING Ø3.7MM FLARE=4.1MM ROT	321EN0R0	50
PICK-UP TRANSFER LARGE ER NOT ROTATING Ø4.6MM FLARE=5.4MM	321ER0A0	50
PICK-UP TRANSFER LARGE ER ROTATING Ø4.6MM FLARE=5.4MM ROT	321ER0R0	50
PICK-UP TRANSFER LARGE IR Ø3.7MM FLARE=4.7MM	321IR0A0	90
PICK-UP TRANSFER LARGE IR Ø3.7MM FLARE=4.7MM ROT	321IR0R0	90
PICK-UP TRANSFER LARGE IR Ø4.6MM FLARE=5.4MM	321IR0A1	90
PICK-UP TRANSFER LARGE IR Ø4.6MM FLARE=5.4MM ROT	321IR0R1	90
PICK-UP TRANSFER SCREW NA ES1.20 M1.8 L18	690NA014	194, 198, 204
PICK-UP TRANSFER SCREW NA ES1.20 M2.0 L13	690NA016	194
PICK-UP TRANSFER SCREW NA ES1.20 M2.0 L18	690NA015	194
PICK-UP TRANSFER SCREW NA SHORT M1.8 L=13	690NA039	194, 198, 204
PICK-UP TRANSFER SR FLARE=5.7MM + LONG SCREW	310SR0A0	122
PICK-UP TRANSFER SR FLARE=5.7MM + SHORT SCREW	310SR0A1	122
PILOT DRILL FOR TWO	FPI19350	172
PILOT DRILL HS Ø2.8MM L29MM BT KONIC	433HS280	168
PILOT DRILL Ø 1,9 FOR TWO	FPI1935O	178
PLASTIC ABUTMENT FOR TWO Ø 4,00	CCO36N00	144
PLASTIC ABUTMENT FOR TWO Ø 4,00 ROTATING	CCO36R00	144
PLASTIC ABUTMENT FOR TWO Ø 5,00	CCO40N00	144
PLASTIC ABUTMENT FOR TWO Ø 5,00 ROTATING	CCO40R00	144
PLASTIC ABUTMENT FOR TWO Ø 6,00	CCO60N00	144
PLASTIC ABUTMENT BT-4 NA H0MM 0°	207NA0A0	60, 102
PLASTIC ABUTMENT EN FLARE=4.5MM	205EN1A1	54
PLASTIC ABUTMENT EN FLARE=4.5MM (10 PIECES BOX)	205EN1A1.10	54
PLASTIC ABUTMENT EN ROTATING FLARE=4.5MM	205EN1R1	54
PLASTIC ABUTMENT EN ROTATING FLARE=4.5MM (10 PIECES BOX)	205EN1R1.10	54
PLASTIC ABUTMENT ER FLARE=5.0MM	205ER2A0	54
PLASTIC ABUTMENT ER FLARE=5.0MM (10 PIECES BOX)	205ER2A0.10	54
PLASTIC ABUTMENT ER ROTATING FLARE=5.0MM	205ER2A1	54
PLASTIC ABUTMENT ER ROTATING FLARE=5.0MM (10 PIECES BOX)	205ER2A1.10	54
PLASTIC ABUTMENT EW FLARE=6.0MM	205EW2A0	54
PLASTIC ABUTMENT EW FLARE=6.0MM (10 PIECES BOX)	205EW2A0.10	54
PLASTIC ABUTMENT EW ROTATING FLARE=6.0MM	205EW2A1	54
PLASTIC ABUTMENT EW ROTATING FLARE=6.0MM (10 PIECES BOX)	205EW2A1.10	54
PLASTIC ABUTMENT IM FLARE=4.5MM	205IM1A0	96
PLASTIC ABUTMENT IM FLARE=4.5MM (10 PIECES BOX)	205IM1A0.10	96
PLASTIC ABUTMENT IM ROTATING FLARE=4.5MM	205IM1R0	96
PLASTIC ABUTMENT IM ROTATING FLARE=4.5MM (10 PIECES BOX)	205IM1R0.10	96
PLASTIC ABUTMENT IR FLARE=4.5MM	205IR1A0	96

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PLA - SPH

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

DESCRIPTION	CODE	PAG.
PLASTIC ABUTMENT IR FLARE=4.5MM (10 PIECES BOX)	205IR1A0.10	96
PLASTIC ABUTMENT IR ROTATING FLARE=4.5MM	205IR1A1	96
PLASTIC ABUTMENT IR ROTATING FLARE=4.5MM (10 PIECES BOX)	205IR1A1.10	96
PLASTIC ABUTMENT IW FLARE=6.0MM	205IW1A0	96
PLASTIC ABUTMENT IW FLARE=6.0MM (10 PIECES BOX)	205IW1A0.10	96
PLASTIC ABUTMENT IW ROTATING FLARE=6.0MM	205IW1R0	96
PLASTIC ABUTMENT IW ROTATING FLARE=6.0MM (10 PIECES BOX)	205IW1R0.10	96
PLASTIC ABUTMENT LARGE EN H1MM 00° FLARE=4.5MM	206EN1A0	54
PLASTIC ABUTMENT LARGE EN H1MM FLARE=4.5MM ROT	206EN1R0	54
PLASTIC ABUTMENT LARGE ER H2MM 00° FLARE=5.0MM	206ER2A0	54
PLASTIC ABUTMENT LARGE ER H2MM FLARE=5.0MM ROT	206ER2A1	54
PLASTIC ABUTMENT LARGE IR H1MM 00° FLARE=3.7MM	206IR1A0	96
PLASTIC ABUTMENT LARGE IR H1MM 00° FLARE=4.6MM	206IR1A1	96
PLASTIC ABUTMENT LARGE IR H1MM FLARE=3.7MM ROT	206IR1R0	96
PLASTIC ABUTMENT LARGE IR H1MM FLARE=4.6MM ROT	206IR1R1	96
PLASTIC ABUTMENT OCTA SR	205SR0A1	125
PLASTIC ABUTMENT OCTA SR ROTATING	205SR0A3	125
PLASTIC ABUTMENT SR	205SR0A0	125
PLASTIC ABUTMENT SR ROTATING	205SR0A2	125
PLASTIC ABUTMENT TWO Ø 4,00	CCC36N00	144
PLASTIC ABUTMENT TWO Ø 5,00	CCC40N00	144
POSITIONING CYLINDER SR (4 PIECES KIT)	319SR0A0.04	122
PRODRILL CONICAL DRILL HR Ø2.7MM L36MM H4 BT KONIC	406HR270	168
PRODRILL CONICAL DRILL HR Ø3.1MM L36MM H4 BT KONIC Ø3.25	406HR310	168
PRODRILL CONICAL DRILL HR Ø3.5MM L36MM H4 BT KONIC Ø4.00	406HR350	168
PRODRILL CONICAL DRILL HR Ø4.2MM L36MM H4 BT KONIC Ø5.00	406HR420	168
PRODRILL DRILL HR Ø2.5MM L39MM H4	407HR250	168
PRODRILL DRILL HR Ø2.5MM L39MM SMH4	410HR250	169
PRODRILL DRILL HR Ø2.7MM L39MM H4	407HR270	168
PRODRILL DRILL HR Ø2.7MM L39MM SMH4	410HR270	169
PRODRILL DRILL HR Ø2.9MM L39MM H4	407HR290	168
PRODRILL DRILL HR Ø2.9MM L39MM SMH4	410HR290	169
PRODRILL DRILL HR Ø3.0MM L39MM H4	407HR300	168
PRODRILL DRILL HR Ø3.0MM L39MM SMH4	410HR300	169
PRODRILL DRILL HR Ø3.2MM L39MM H4	407HR320	168
PRODRILL DRILL HR Ø3.2MM L39MM SMH4	410HR320	169
PRODRILL DRILL HR Ø3.8MM L39MM H4	407HR380	168
PRODRILL DRILL HR Ø4.0MM L39MM H4	407HR400	168
PRODRILL DRILL HR Ø4.2MM L39MM H4	407HR420	168
PRODRILL DRILL HS Ø3.0MM L34MM H4	407HS300	168
PRODRILL DRILL HS Ø3.2MM L34MM H4	407HS320	168
PRODRILL DRILL HS Ø4.0MM L34MM H4	407HS400	168
PRODRILL DRILL HS Ø4.2MM L34MM H4	407HS420	168
PRODRILL TWIST DRILL HL Ø3.5MM L41MM H8	408HL350	168
PRODRILL TWIST DRILL HL Ø4.2MM L41MM H8	408HL420	168
PRODRILL TWIST DRILL HR Ø3.5MM L36MM SMH8	408HR350	168
PRODRILL TWIST DRILL HR Ø3.6MM L36MM SMH8	409HR360	168
PRODRILL TWIST DRILL HR Ø4.2MM L36MM SMH8	408HR420	168
PRODRILL TWIST DRILL HR Ø4.4MM L36MM SMH8	409HR440	168
PROVISIONAL ABUTMENT EN H2.0MM	210EN2A0	53
PROVISIONAL ABUTMENT EN ROTATING H2.0MM	210EN2R0	53
PROVISIONAL ABUTMENT ER H2.0MM	210ER2A0	53
PROVISIONAL ABUTMENT ER ROTATING H2.0MM	210ER2A1	53
PROVISIONAL ABUTMENT IR H2.0MM	210IR2A0	93
PROVISIONAL ABUTMENT IR ROTATING H2.0MM	210IR2A1	93
RETENTION SCREW NA ES.1.20MM M2.0	690NA001	202
RETENTIVE CAP KIT	690NA054.04	57, 99, 127
RETENTIVE HOUSING WITH OR	COR1770	156
RETENTIVE SCREW FOR BT-4 NA M1.4 10N	690NA024	195, 199
RETENTIVE SCREW M2.0 NA NECKLESS	690NA041	194
RETENTIVE WRENCH HS ES.3.10MM	530HS001	172
REVERSIBLE TORQUE WRENCH	501JD002	175, 176
REVERSIBLE TORQUE WRENCH	SSIQ3E31	181
ROUND DRILL FOR TWO AND MINI	FRO0035U	178, 182
ROUND DRILL HS Ø2.0MM L30MM	401HS200	164
SILICONE RUBBERS FOR KIT PLATS (BLUE)	690NA047	196, 200, 202, 205
SILICONE RUBBERS FOR KIT PLATS (DEEP GREEN)	690NA051	196, 200, 202, 205
SILICONE RUBBERS FOR KIT PLATS (GREEN)	690NA049	196, 200, 202, 205
SILICONE RUBBERS FOR KIT PLATS (RED)	690NA050	196, 200, 202, 205
SILICONE RUBBERS FOR KIT PLATS (WHITE)	690NA052	196, 200, 202, 205
SILICONE RUBBERS FOR KIT PLATS (YELLOW)	690NA048	196, 200, 202, 205
SOLID ABUTMENT DRIVER L14MM	530JD001	172
SOLID ABUTMENT DRIVER L19MM	530JD002	172
SPHERO BLOCK MICRO IR Ø 1,8 H. 1MM	003SEI3251R	98
SPHERO BLOCK MICRO IR Ø 1,8 H. 2MM	003SEI3252R	98
SPHERO BLOCK MICRO IR Ø 1,8 H. 3MM	003SEI3253R	98
SPHERO BLOCK MICRO IR Ø 1,8 H. 4MM	003SEI3254R	98
SPHERO BLOCK MICRO IR Ø 1,8 H. 5MM	003SEI3255R	98
SPHERO BLOCK MICRO IR Ø 1,8 H. 6MM	003SEI3256R	98
SPHERO BLOCK MICRO SPHERE EN Ø 1,8 H. 1MM	003KOR331R	56
SPHERO BLOCK MICRO SPHERE EN Ø 1,8 H. 2MM	003KOR332R	56
SPHERO BLOCK MICRO SPHERE EN Ø 1,8 H. 3MM	003KOR333R	56
SPHERO BLOCK MICRO SPHERE EN Ø 1,8 H. 4MM	003KOR334R	56
SPHERO BLOCK MICRO SPHERE EN Ø 1,8 H. 5MM	003KOR335R	56

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SP - SP

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

DESCRIPTION	CODE	PAG.
SPHERO BLOCK MICRO SPHERE EN Ø 1,8 H. 6MM	003KOR336R	56
SPHERO BLOCK MICRO SPHERE ER Ø 1,8 H.1	003TRE3751R	56
SPHERO BLOCK MICRO SPHERE ER Ø 1,8 H.2	003TRE3752R	56
SPHERO BLOCK MICRO SPHERE ER Ø 1,8 H.3	003TRE3753R	56
SPHERO BLOCK MICRO SPHERE ER Ø 1,8 H.4	003TRE3754R	56
SPHERO BLOCK MICRO SPHERE ER Ø 1,8 H.5	003TRE3755R	56
SPHERO BLOCK MICRO SPHERE ER Ø 1,8 H.6	003TRE3756R	56
SPHERO BLOCK MICRO SPHERE EW Ø 1,8 H. 1MM	003TRE51R	56
SPHERO BLOCK MICRO SPHERE EW Ø 1,8 H. 2MM	003TRE52R	56
SPHERO BLOCK MICRO SPHERE EW Ø 1,8 H. 3MM	003TRE53R	56
SPHERO BLOCK MICRO SPHERE EW Ø 1,8 H. 4MM	003TRE54R	56
SPHERO BLOCK MICRO SPHERE EW Ø 1,8 H. 5MM	003TRE55R	56
SPHERO BLOCK MICRO SPHERE EW Ø 1,8 H. 6MM	003TRE56R	56
SPHERO BLOCK MICRO SPHERE IM Ø 1,8 H. 1MM	003SEI4251R	98
SPHERO BLOCK MICRO SPHERE IM Ø 1,8 H. 2MM	003SEI4252R	98
SPHERO BLOCK MICRO SPHERE IM Ø 1,8 H. 3MM	003SEI4253R	98
SPHERO BLOCK MICRO SPHERE IM Ø 1,8 H. 4MM	003SEI4254R	98
SPHERO BLOCK MICRO SPHERE IM Ø 1,8 H. 5MM	003SEI4255R	98
SPHERO BLOCK MICRO SPHERE IM Ø 1,8 H. 6MM	003SEI4256R	98
SPHERO BLOCK MICRO SPHERE IW Ø 1,8 H. 1MM	003SEI51R	98
SPHERO BLOCK MICRO SPHERE IW Ø 1,8 H. 2MM	003SEI52R	98
SPHERO BLOCK MICRO SPHERE IW Ø 1,8 H. 3MM	003SEI53R	98
SPHERO BLOCK MICRO SPHERE IW Ø 1,8 H. 4MM	003SEI54R	98
SPHERO BLOCK MICRO SPHERE IW Ø 1,8 H. 5MM	003SEI55R	98
SPHERO BLOCK MICRO SPHERE IW Ø 1,8 H. 6MM	003SEI56R	98
SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 4,00 H. 1MM	003OTB361R	145
SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 4,00 H. 2MM	003OTB362R	145
SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 4,00 H. 3MM	003OTB363R	145
SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 4,00 H. 4MM	003OTB364R	145
SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 4,00 H. 5MM	003OTB365R	145
SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 4,00 H. 6MM	003OTB366R	145
SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 5,00 H. 1MM	003OTB41R	145
SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 5,00 H. 2MM	003OTB42R	145
SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 5,00 H. 3MM	003OTB43R	145
SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 5,00 H. 4MM	003OTB44R	145
SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 5,00 H. 5MM	003OTB45R	145
SPHERO BLOCK MICRO SPHERE Ø 1,8 FOR TWO Ø 5,00 H. 6MM	003OTB46R	145
SPHERO BLOCK MICRO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 0,5MM	003BFT05R	126
SPHERO BLOCK MICRO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 1MM	003BFT1R	126
SPHERO BLOCK MICRO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 2MM	003BFT2R	126
SPHERO BLOCK MICRO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 3MM	003BFT3R	126
SPHERO BLOCK MICRO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 4MM	003BFT4R	126

DESCRIPTION	CODE	PAG.
SPHERO BLOCK MICRO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 5MM	003BFT5R	126
SPHERO BLOCK MICRO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 6MM	003BFT6R	126
SPHERO BLOCK MICRO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 7MM	003BFT7R	126
SPHERO BLOCK NORMO SPHERE EN Ø 2,5 H. 1MM H. 1MM	002KOR331R	56
SPHERO BLOCK NORMO SPHERE EN Ø 2,5 H. 1MM H. 2MM	002KOR332R	56
SPHERO BLOCK NORMO SPHERE EN Ø 2,5 H. 1MM H. 3MM	002KOR333R	56
SPHERO BLOCK NORMO SPHERE EN Ø 2,5 H. 1MM H. 4MM	002KOR334R	56
SPHERO BLOCK NORMO SPHERE EN Ø 2,5 H. 1MM H. 5MM	002KOR335R	56
SPHERO BLOCK NORMO SPHERE EN Ø 2,5 H. 1MM H. 6MM	002KOR336R	56
SPHERO BLOCK NORMO SPHERE ER Ø 2,5 H. 1MM	002TRE3751R	56
SPHERO BLOCK NORMO SPHERE ER Ø 2,5 H. 2MM	002TRE3752R	56
SPHERO BLOCK NORMO SPHERE ER Ø 2,5 H. 3MM	002TRE3753R	56
SPHERO BLOCK NORMO SPHERE ER Ø 2,5 H. 4MM	002TRE3754R	56
SPHERO BLOCK NORMO SPHERE ER Ø 2,5 H. 5MM	002TRE3755R	56
SPHERO BLOCK NORMO SPHERE ER Ø 2,5 H. 6MM	002TRE3756R	56
SPHERO BLOCK NORMO SPHERE EW Ø 2,5 H. 1MM	002TRE51R	56
SPHERO BLOCK NORMO SPHERE EW Ø 2,5 H. 2MM	002TRE52R	56
SPHERO BLOCK NORMO SPHERE EW Ø 2,5 H. 3MM	002TRE53R	56
SPHERO BLOCK NORMO SPHERE EW Ø 2,5 H. 4MM	002TRE54R	56
SPHERO BLOCK NORMO SPHERE EW Ø 2,5 H. 5MM	002TRE55R	56
SPHERO BLOCK NORMO SPHERE EW Ø 2,5 H. 6MM	002TRE56R	56
SPHERO BLOCK NORMO SPHERE IM Ø 2,5 H. 1MM	002SEI4251R	98
SPHERO BLOCK NORMO SPHERE IM Ø 2,5 H. 2MM	002SEI4252R	98
SPHERO BLOCK NORMO SPHERE IM Ø 2,5 H. 3MM	002SEI4253R	98
SPHERO BLOCK NORMO SPHERE IM Ø 2,5 H. 4MM	002SEI4254R	98
SPHERO BLOCK NORMO SPHERE IM Ø 2,5 H. 5MM	002SEI4255R	98
SPHERO BLOCK NORMO SPHERE IM Ø 2,5 H. 6MM	002SEI4256R	98
SPHERO BLOCK NORMO SPHERE IR Ø 2,5H. 1MM	002SEI3251R	98
SPHERO BLOCK NORMO SPHERE IR Ø 2,5H. 2MM	002SEI3252R	98
SPHERO BLOCK NORMO SPHERE IR Ø 2,5H. 3MM	002SEI3253R	98
SPHERO BLOCK NORMO SPHERE IR Ø 2,5H. 4MM	002SEI3254R	98
SPHERO BLOCK NORMO SPHERE IR Ø 2,5H. 5MM	002SEI3255R	98
SPHERO BLOCK NORMO SPHERE IR Ø 2,5H. 6MM	002SEI3256R	98
SPHERO BLOCK NORMO SPHERE IW Ø 2,5 H. 1MM	002SEI51R	98
SPHERO BLOCK NORMO SPHERE IW Ø 2,5 H. 2MM	002SEI52R	98
SPHERO BLOCK NORMO SPHERE IW Ø 2,5 H. 3MM	002SEI53R	98
SPHERO BLOCK NORMO SPHERE IW Ø 2,5 H. 4MM	002SEI54R	98
SPHERO BLOCK NORMO SPHERE IW Ø 2,5 H. 5MM	002SEI55R	98
SPHERO BLOCK NORMO SPHERE IW Ø 2,5 H. 6MM	002SEI56R	98
SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 1MM	002OTB361R	145
SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 2MM	002OTB362R	145
SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 3MM	002OTB363R	145

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

DESCRIPTION	CODE	PAG.
SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 4MM	002OTB364R	145
SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 5MM	002OTB365R	145
SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 6MM	002OTB366R	145
SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 1MM	002OTB41R	145
SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 2MM	002OTB42R	145
SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 3MM	002OTB43R	145
SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 4MM	002OTB44R	145
SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 5MM	002OTB45R	145
SPHERO BLOCK NORMO SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 6MM	002OTB46R	145
SPHERO BLOCK NORMO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 0,5MM	002BFT05R	126
SPHERO BLOCK NORMO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 1MM	002BFT1R	126
SPHERO BLOCK NORMO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 2MM	002BFT2R	126
SPHERO BLOCK NORMO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 3MM	002BFT3R	126
SPHERO BLOCK NORMO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 4MM	002BFT4R	126
SPHERO BLOCK NORMO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 5MM	002BFT5R	126
SPHERO BLOCK NORMO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 6MM	002BFT6R	126
SPHERO BLOCK NORMO SPHERE OCTA/SOLID Ø 2,5 H. 1MM H. 7MM	002BFT7R	126
SPHERO FLEX SPHERE IM Ø 2,5 H. 1MM	109SEI4251R	98
SPHERO FLEX SPHERE IM Ø 2,5 H. 2MM	109SEI4252R	98
SPHERO FLEX SPHERE IM Ø 2,5 H. 3MM	109SEI4253R	98
SPHERO FLEX SPHERE IM Ø 2,5 H. 4MM	109SEI4254R	98
SPHERO FLEX SPHERE IM Ø 2,5 H. 5MM	109SEI4255R	98
SPHERO FLEX SPHERE IM Ø 2,5 H. 6MM	109SEI4256R	98
SPHERO FLEX SPHERE IR Ø 2,5 H. 1MM	109SEI3251R	98
SPHERO FLEX SPHERE IR Ø 2,5 H. 2MM	109SEI3252R	98
SPHERO FLEX SPHERE IR Ø 2,5 H. 3MM	109SEI3253R	98
SPHERO FLEX SPHERE IR Ø 2,5 H. 4MM	109SEI3254R	98
SPHERO FLEX SPHERE IR Ø 2,5 H. 5MM	109SEI3255R	98
SPHERO FLEX SPHERE IR Ø 2,5 H. 6MM	109SEI3256R	98
SPHERO FLEX SPHERE IW Ø 2,5 H. 1MM	109SEI51R	98
SPHERO FLEX SPHERE IW Ø 2,5 H. 2MM	109SEI52R	98
SPHERO FLEX SPHERE IW Ø 2,5 H. 3MM	109SEI53R	98
SPHERO FLEX SPHERE IW Ø 2,5 H. 4MM	109SEI54R	98
SPHERO FLEX SPHERE IW Ø 2,5 H. 5MM	109SEI55R	98
SPHERO FLEX SPHERE IW Ø 2,5 H. 6MM	109SEI56R	98
SPHERO FLEX SFERA OCTA/SOLID Ø 2,5 H. 0,5MM	109BFT05R	126
SPHERO FLEX SFERA OCTA/SOLID Ø 2,5 H. 1MM	109BFT1R	126
SPHERO FLEX SFERA OCTA/SOLID Ø 2,5 H. 2MM	109BFT2R	126
SPHERO FLEX SFERA OCTA/SOLID Ø 2,5 H. 3MM	109BFT3R	126
SPHERO FLEX SFERA OCTA/SOLID Ø 2,5 H. 4MM	109BFT4R	126
SPHERO FLEX SFERA OCTA/SOLID Ø 2,5 H. 5MM	109BFT5R	126
SPHERO FLEX SFERA OCTA/SOLID Ø 2,5 H. 6MM	109BFT6R	126

DESCRIPTION	CODE	PAG.
SPHERO FLEX SFERA OCTA/SOLID Ø 2,5 H. 7MM	109BFT7R	126
SPHERO FLEX SPHERE EN 2,5 H. 1MM	109KOR331R	56
SPHERO FLEX SPHERE EN 2,5 H. 2MM	109KOR332R	56
SPHERO FLEX SPHERE EN 2,5 H. 3MM	109KOR333R	56
SPHERO FLEX SPHERE EN 2,5 H. 4MM	109KOR334R	56
SPHERO FLEX SPHERE EN 2,5 H. 5MM	109KOR335R	56
SPHERO FLEX SPHERE EN 2,5 H. 6MM	109KOR336R	56
SPHERO FLEX SPHERE ER 2,5 H. 1MM	109TRE3751R	56
SPHERO FLEX SPHERE ER 2,5 H. 2MM	109TRE3752R	56
SPHERO FLEX SPHERE ER 2,5 H. 3MM	109TRE3753R	56
SPHERO FLEX SPHERE ER 2,5 H. 4MM	109TRE3754R	56
SPHERO FLEX SPHERE ER 2,5 H. 5MM	109TRE3755R	56
SPHERO FLEX SPHERE ER 2,5 H. 6MM	109TRE3756R	56
SPHERO FLEX SPHERE EW 2,5 H. 1MM	109TRE51R	56
SPHERO FLEX SPHERE EW 2,5 H. 2MM	109TRE52R	56
SPHERO FLEX SPHERE EW 2,5 H. 3MM	109TRE53R	56
SPHERO FLEX SPHERE EW 2,5 H. 4MM	109TRE54R	56
SPHERO FLEX SPHERE EW 2,5 H. 5MM	109TRE55R	56
SPHERO FLEX SPHERE EW 2,5 H. 6MM	109TRE56R	56
SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 1MM	109OTB361R	145
SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 2MM	109OTB362R	145
SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 3MM	109OTB363R	145
SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 4MM	109OTB364R	145
SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 5MM	109OTB365R	145
SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 4,00 H. 6MM	109OTB366R	145
SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 1MM	109OTB41R	145
SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 2MM	109OTB42R	145
SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 3MM	109OTB43R	145
SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 4MM	109OTB44R	145
SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 5MM	109OTB45R	145
SPHERO FLEX SPHERE Ø 2,5 FOR TWO Ø 5,00 H. 6MM	109OTB46R	145
STRAIGHT ABUTMENT EN H1.0MM FLARE=4.5MM	220EN1A0	52
STRAIGHT ABUTMENT EN H2.0MM FLARE=4.5MM	220EN2A0	52
STRAIGHT ABUTMENT EN H3.0MM FLARE=4.5MM	220EN3A0	52
STRAIGHT ABUTMENT EN H4.0MM FLARE=4.5MM	220EN4A0	52
STRAIGHT ABUTMENT ER H2.0MM FLARE=5.0MM	220ER2A1	52
STRAIGHT ABUTMENT ER H2.0MM FLARE=6.0MM	220ER2A3	52
STRAIGHT ABUTMENT ER H2.0MM FLARE=7.5MM	220ER2A2	52
STRAIGHT ABUTMENT ER H4.0MM FLARE=5.0MM	220ER4A0	52
STRAIGHT ABUTMENT ER H4.0MM FLARE=6.0MM	220ER4A1	52
STRAIGHT ABUTMENT ER H4.0MM FLARE=7.5MM	220ER4A2	52
STRAIGHT ABUTMENT EW H2.0MM FLARE=6.0MM	220EW2A2	52

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STR - TAP

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

DESCRIPTION	CODE	PAG.
STRAIGHT ABUTMENT EW H2.0MM FLARE=7.5MM	220EW2A3	52
STRAIGHT ABUTMENT EW H4.0MM FLARE=6.0MM	220EW4A2	52
STRAIGHT ABUTMENT EW H4.0MM FLARE=7.5MM	220EW4A3	52
STRAIGHT ABUTMENT FOR LOCATOR ER H. 1MM	260ER1A0	57
STRAIGHT ABUTMENT FOR LOCATOR ER H. 2MM	260ER2A0	57
STRAIGHT ABUTMENT FOR LOCATOR ER H. 3MM	260ER3A0	57
STRAIGHT ABUTMENT FOR LOCATOR ER H. 4MM	260ER4A0	57
STRAIGHT ABUTMENT FOR LOCATOR ER H. 5MM	260ER5A0	57
STRAIGHT ABUTMENT FOR LOCATOR ER H. 6MM	260ER6A0	57
STRAIGHT ABUTMENT FOR LOCATOR EW H. 1MM	260EW1A0	57
STRAIGHT ABUTMENT FOR LOCATOR EW H. 2MM	260EW2A0	57
STRAIGHT ABUTMENT FOR LOCATOR EW H. 3MM	260EW3A0	57
STRAIGHT ABUTMENT FOR LOCATOR EW H. 4MM	260EW4A0	57
STRAIGHT ABUTMENT FOR LOCATOR EW H. 5MM	260EW5A0	57
STRAIGHT ABUTMENT FOR LOCATOR IM H. 1MM	260IM1A0	99
STRAIGHT ABUTMENT FOR LOCATOR IM H. 2MM	260IM2A0	99
STRAIGHT ABUTMENT FOR LOCATOR IM H. 3MM	260IM3A0	99
STRAIGHT ABUTMENT FOR LOCATOR IM H. 4MM	260IM4A0	99
STRAIGHT ABUTMENT FOR LOCATOR IM H. 5MM	260IM5A0	99
STRAIGHT ABUTMENT FOR LOCATOR IM H. 6MM	260IM6A0	99
STRAIGHT ABUTMENT FOR LOCATOR IR H. 0.63MM	260IR0A0	99
STRAIGHT ABUTMENT FOR LOCATOR IR H. 1MM	260IR1A0	99
STRAIGHT ABUTMENT FOR LOCATOR IR H. 2MM	260IR2A0	99
STRAIGHT ABUTMENT FOR LOCATOR IR H. 3MM	260IR3A0	99
STRAIGHT ABUTMENT FOR LOCATOR IR H. 4MM	260IR4A0	99
STRAIGHT ABUTMENT FOR LOCATOR IR H. 5MM	260IR5A0	99
STRAIGHT ABUTMENT FOR LOCATOR IR H. 6MM	260IR6A0	99
STRAIGHT ABUTMENT FOR LOCATOR SR H. 1MM	260SR1A0	127
STRAIGHT ABUTMENT FOR LOCATOR SR H. 2MM	260SR2A0	127
STRAIGHT ABUTMENT FOR LOCATOR SR H. 3MM	260SR3A0	127
STRAIGHT ABUTMENT FOR LOCATOR SR H. 4MM	260SR4A0	127
STRAIGHT ABUTMENT FOR LOCATOR SR H. 5MM	260SR5A0	127
STRAIGHT ABUTMENT FOR LOCATOR SR H. 6MM	260SR6A0	127
STRAIGHT ABUTMENT FOR MINI H. 1MM	MMI17H1	156
STRAIGHT ABUTMENT FOR TWO Ø 4,00 H. 2 MM	MMO36N02	142
STRAIGHT ABUTMENT FOR TWO Ø 4,00 H. 3 MM	MMO36N03	142
STRAIGHT ABUTMENT FOR TWO Ø 4,00 H. 4 MM	MMO36N04	142
STRAIGHT ABUTMENT FOR TWO Ø 5,00 H. 2 MM	MMO40N02	142
STRAIGHT ABUTMENT FOR TWO Ø 5,00 H. 3 MM	MMO40N03	142
STRAIGHT ABUTMENT FOR TWO Ø 5,00 H. 4 MM	MMO40N04	142
STRAIGHT ABUTMENT IM H0.0MM FLARE=5.0MM	220IM0A0	92
STRAIGHT ABUTMENT IM H2.0MM FLARE=5.0MM	220IM2A0	92

DESCRIPTION	CODE	PAG.
STRAIGHT ABUTMENT IM H3.0MM FLARE=5.0MM	220IM3A0	92
STRAIGHT ABUTMENT IM H5.0MM FLARE=5.0MM	220IM5A0	92
STRAIGHT ABUTMENT IR H0.0MM FLARE=4.5MM	220IR0A0	92
STRAIGHT ABUTMENT IR H2.0MM FLARE=4.5MM	220IR2A1	92
STRAIGHT ABUTMENT IR H3.0MM FLARE=4.5MM	220IR3A0	92
STRAIGHT ABUTMENT IR H4.0MM FLARE=4.5MM	220IR4A0	92
STRAIGHT ABUTMENT IR H5.0MM FLARE=4.5MM	220IR5A0	92
STRAIGHT ABUTMENT IW H0.0MM FLARE=5.5MM	220IW0A0	92
STRAIGHT ABUTMENT IW H2.0MM FLARE=5.5MM	220IW2A0	92
STRAIGHT ABUTMENT IW H3.0MM FLARE=5.5MM	220IW3A0	92
STRAIGHT ABUTMENT IW H4.0MM FLARE=6.0MM	220IW4A0	92
STRAIGHT ABUTMENT IW H5.0MM FLARE=5.5MM	220IW5A0	92
STRAIGHT ABUTMENT LARGE EN H4.0MM 00° FLARE=4.5MM	221EN4A0	52
STRAIGHT ABUTMENT LARGE ER H4.0MM 00° FLARE=5.4MM	221ER4A0	52
STRAIGHT ABUTMENT SOLID SR FLARE=3.5MM L4.0MM	220SR0A0	124
STRAIGHT ABUTMENT SOLID SR FLARE=3.5MM L5.5MM	220SR0A1	124
STRAIGHT ABUTMENT SOLID SR FLARE=3.5MM L7.0MM	220SR0A2	124
STRAIGHT ABUTMENT SR FLARE=3.5MM	220SR0A3	124
STRAIGHT FIXED WRENCH MA ES. 3.10MM	502MA001	175
SURGICAL COMPATIBILITY KIT 8NECK	625NA001	187
SURGICAL GUIDE BT-4 MA	502MA006	190
SURGICAL KIT 8FORM	630NA001	188
SURGICAL KIT 8NECK	625NA003	187
SURGICAL KIT BT EVO	613NA003	186
SURGICAL KIT BT KLASSIC	603NA002	184
SURGICAL KIT BT KONIC	607NA003	185
SURGICAL KIT BT4	655NA001	190
SURGICAL KIT FOR TWO	KCTWO1	189
SURGICAL KIT MINI	KCMINI1	191
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TAPPING KIT M2.0 FOR TRE-TOP IMPLANTS	KM20	196, 203
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TAPPING SCREW HR Ø3.25MM L36MM	461HR320	171
TAPPING SCREW HR Ø3.3MM L34MM 8FORM	465HR330	171
TAPPING SCREW HR Ø3.3MM L34MM 8NECK	464HR330	171
TAPPING SCREW HR Ø3.3MM L34MM EVO	463HR330	171
TAPPING SCREW HR Ø3.75MM L36MM	461HR370	171
TAPPING SCREW HR Ø4.00MM L35MM KONIC	462HR400	171
TAPPING SCREW HR Ø4.00MM L36MM	461HR400	171
TAPPING SCREW HR Ø4.0MM L34MM EVO	463HR400	171
TAPPING SCREW HR Ø4.1MM L34MM 8FORM	465HR410	171
TAPPING SCREW HR Ø4.1MM L34MM 8NECK	464HR410	171

LEGEND

Ø3.7MM	diameter 3.7 mm
H2MM	height 2 mm
15°	angle 15°
SV6.0MM	flare 6 mm

DESCRIPTION	CODE	PAG.
TAPPING SCREW HR Ø4.25MM L36MM	461HR420	171
TAPPING SCREW HR Ø4.8MM L34MM 8FORM	465HR480	171
TAPPING SCREW HR Ø4.8MM L34MM 8NECK	464HR480	171
TAPPING SCREW HR Ø5.00MM L35MM KONIC	462HR500	171
TAPPING SCREW HR Ø5.00MM L36MM	461HR500	171
TAPPING SCREW HR Ø5.0MM L34MM EVO	463HR500	171
TAPPING SCREW HS Ø3.3MM L31MM 8NECK	464HS330	171
TAPPING SCREW HS Ø4.1MM L31MM 8NECK	464HS410	171
TAPPING SCREW HS Ø4.8MM L31MM 8NECK	464HS480	171
TITANIUM BASE FOR ZIRCONIA ER FLARE=4.7MM	236ER0A0	55
TITANIUM BASE FOR ZIRCONIA ER ROTATING FLARE=4.7MM	236ER0A1	55
TITANIUM BASE FOR ZIRCONIA IR FLARE=4.7MM	236IR0A0	97
TITANIUM BASE FOR ZIRCONIA IR ROTATING FLARE=4.7MM	236IR0A1	97
TITANIUM BASE FOR ZIRCONIA WITH PMMA ABUTMENTS ER H0MM 00° FLARE=6.0MM	237ER0A0	55
TITANIUM BASE FOR ZIRCONIA WITH PMMA ABUTMENTS ER H0MM 00° FLARE=6.0MM ROT	237ER0A1	55
TITANIUM BASE FOR ZIRCONIA WITH PMMA ABUTMENTS IR H0MM 00° FLARE=6.0MM	237IR0A0	97
TITANIUM BASE FOR ZIRCONIA WITH PMMA ABUTMENTS IR H0MM 00° FLARE=6.0MM ROT	237IR0A1	97
TITANIUM RETENTIVE SCREW NA ES. 1.20 M2.0	690NA013	194
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TORQUE WRENCH FOR MINI	SSCQ3000	183
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TRANSFER CAP (EN)	320EN0A0	50
TRANSFER CAP (ER)	320ER0A1	50
TRANSFER CAP (EW)	320EW0A1	50
TRANSFER CAP IM ALLUMINIUM CAP	320IM0A0	90
TRANSFER CAP IR ALLUMINIUM CAP	320IR0A1	90
TRANSFER CAP IW ALLUMINIUM CAP	320IW0A1	90
TRANSFER LOCATOR NA H0MM 00° FLARE=0.0MM	321NA0A0	57, 101
TRANSFER SCREW FOR ONE/TWO (LONG)	VVL1815E	140
TRANSFER SCREW FOR ONE/TWO (SHORT)	VVL1810E	140
TRANSFER SCREW NA M2 L16MM	690NA002	202
TRANSFER SCREW NA M2 L25MM	690NA003	202
TRANSFER SOLID NA H0MM 00° FLARE=0.0MM (4 PIECES KIT)	319NA0A0.04	122
TRANSFER WITH CAP FOR TWO Ø 4,00	TTO36MN0	140
TRANSFER WITH CAP FOR TWO Ø 5,00	TTO40MN0	140
TRANSFER WITH CAP FOR TWO Ø 6,00	TTO60MN0	140
TWIST DRILL HL Ø2.2MM L41MM H8	408HL220	164
TWIST DRILL HL Ø2.8MM L41MM H8	408HL280	164
TWIST DRILL HR Ø2.0MM L39MM SMH4	407HR200	164
TWIST DRILL HR Ø2.2MM L36MM SMH8	408HR220	164
TWIST DRILL HR Ø2.3MM L39MM SMH4	407HR230	164
TWIST DRILL HR Ø2.8MM L36MM SMH8	408HR280	164
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IMPLANT PASSPORT

The “Implant Passport” is issued by the dental surgeon to the patient after surgery.
The stickers of the components used can be applied to this document to permit traceability.
If necessary, when away from home or when the patient is unable to contact
his personal dentist, the “Implant Passport” can be presented to another dental
surgeon who, identifying the components used, can better operate on the patient.

NOTES

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