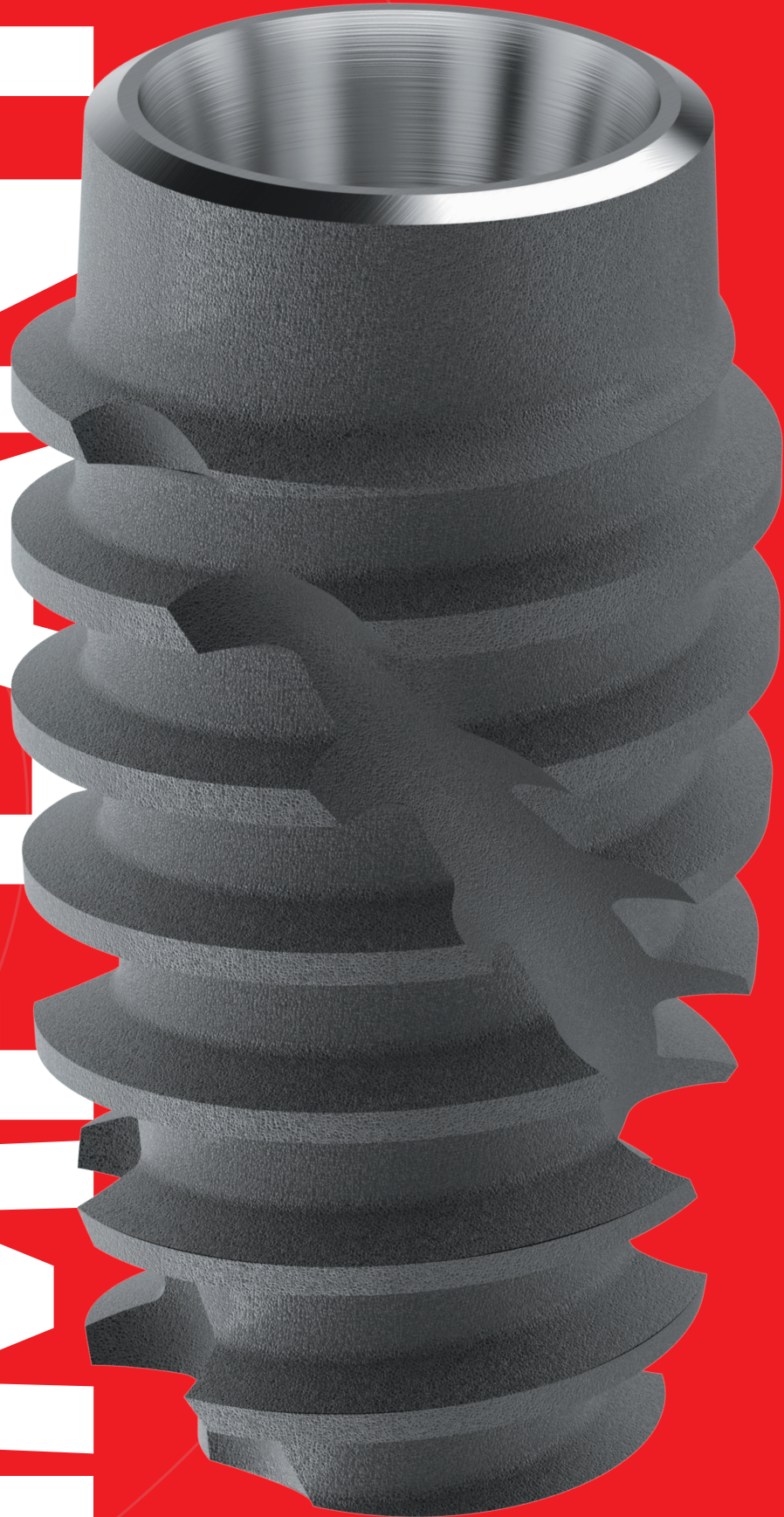


QUICK REFERENCE GUIDE  
DENTAL IMPLANTS

btk  Implanting Trust,  
Smile Again!

# DENTAL IMPLANTS



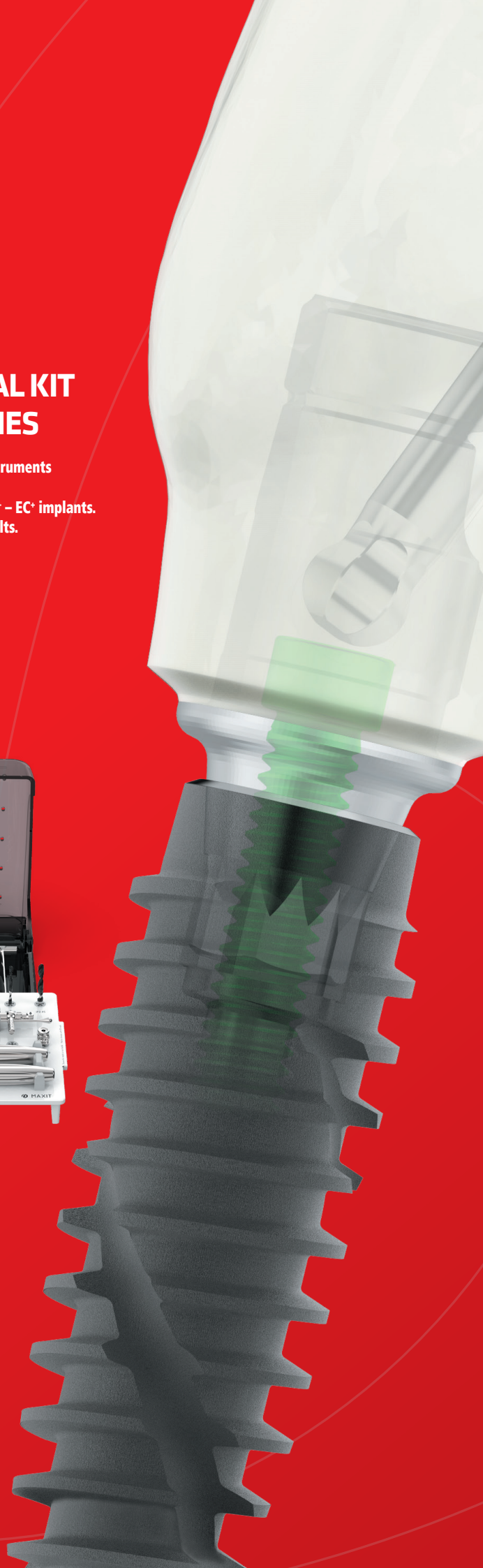
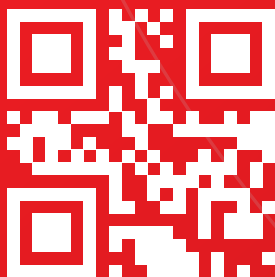


## ONLY ONE SURGICAL KIT FOR 6 IMPLANT LINES

Our main surgical kit contains all the instruments necessary for the placement of IS KONE – BT SAFE – BT NANO – IS+ – IC+ – EC+ implants. Drills with DLC coating for excellent results.

## A UNIQUE KIT FOR THE RESOLUTION OF THE MOST DIFFICULT CASES

The surgical kit Maxit allows the placement of BT Zygomax, BT Rhyno and Pterigo implants, suitable for the resolution of the severe maxillary bone reabsorption cases.





**IMPLANT CONNECTIONS**



**MORSE-TAPER (MTH/MTD)**

- KN** CONIC HEXAGONAL NARROW
- KR** CONIC HEXAGONAL REGULAR
- DR** CONIC DODECAGONAL REGULAR\*
- KW** CONIC HEXAGONAL WIDE

\* Compatible with the KR connection



**EXTERNAL HEXAGON (EXT)**

- EN** EXTERNAL HEXAGONAL NARROW
- ER** EXTERNAL HEXAGONAL REGULAR
- EW** EXTERNAL HEXAGONAL WIDE
- EZ** ESTERNA ESAGONALE NARROW\*

\* For zygomatic and nasal angled implants only



**INTERNAL HEXAGON (INT)**

- IR** INTERNA ESAGONALE REGULAR
- IM** INTERNA ESAGONALE MEDIUM
- IW** INTERNA ESAGONALE WIDE
- LR** INTERNA DODECAGONALE REGULAR\*
- LW** INTERNA DODECAGONALE WIDE\*\*

\* Prosthetically compatible with the IR connection

\*\* Prosthetically compatible with the IW connection



**CONIC OCTAGONAL INTERNAL (INT)**

- SR** CONIC OCTAGONAL REGULAR

**DAE  
ENDOSSEOUS  
SURFACE**

Clinical trials confirm a better performance of roughened endosseous surfaces than the machined ones concerning the healing time of endosseous wound, the formation of new bone, and the reduced time to loading.

Our DAE (Dual Acid Etched) double etching process aims to get a moderately rough surface with a controlled micro-roughness.

**AN OPTION  
FOR EVERY KIND  
OF PROSTHESIS**

We offer a focused portfolio of restorative solutions based on a broad clinical experience. There is a wide range of ready-made prosthetic solutions and a dedicated CAD CAM service for the creation of customised abutments and structures with the accuracy of the original components.

From the single missing tooth up to complete edentulism, we offer several prosthetic solutions to meet your patients' needs.

**HIGH  
QUALITY  
MATERIALS**

Titanium Grade 4 (ASTM F 67 / ISO 5832-2) is the material of choice for our implants. This material has the highest resistance and durability features among the commercially pure titanium grades. Some of our implants are made of Titanium

Titanium Grade 5 (ASTM F 136 / ISO 5832-3) is used for our prosthetic components and for MINI implant system which incurs higher mechanical stress values.

**IMPLANT-  
ABUTMENT  
CONNECTION**

The precision of implant-abutment connection creates a seal and does not allow the spread of inflammation bacteria into the interface between the different components. The extremely tight tolerances we apply help to avoid the micro movements.

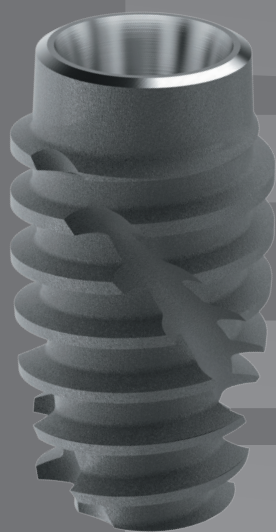
The highest precision of our components eases to guarantee the long-term success of the final restoration.

**FREE DOWNLOAD**  
of open CAD libraries of our implants on  
<https://www.btk.dental/en/btk-cad-cam/>



## PLUS LINE

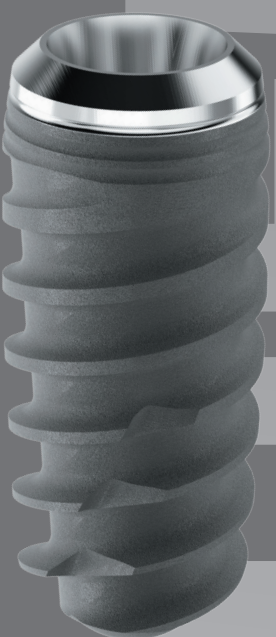
Excellent primary stability, great BIC (Bone to Implant Contact) value, and easy surgery procedure thanks to its self-tapping properties.  
Perfect for surgical immediate load protocols All-on-4™/All-on-6™.



COMING SOON



COMING SOON



### IS+



- Conic dodecagonal connection (DR).
- A single prosthetic platform for all diameters.
- Back-tapered neck to reduce the cortical stress.
- Active apex, suitable in case of poor-quality bone.
- Integrated platform switching design with the abutment.

Ø		H					
		8	10	12	14	16	
3,3	DR	-	8	10	12	14	-
3,7	DR	-	8	10	12	14	16
4,1	DR	6	8	10	12	14	16
4,8	DR	6	8	10	12	14	-
6	DR	6	8	10	-	-	-

### IC+



- Internal dodecagon connection (LR).
- A single prosthetic platform for all diameters.
- Back-tapered neck to reduce the cortical stress.
- Active apex, suitable in case of poor-quality bone.

Ø		H					
		8	10	12	14	16	
3,7	IR	-	8	10	12	14	16
4,1	IR	6	8	10	12	14	16
4,8	IR	6	8	10	12	14	-
6	IR	6	8	10	-	-	-

### EC+



- External hexagon connection (ER).
- Active apex, suitable in case of poor-quality bone.
- Perfect for surgical immediate load protocols All-on-4™/All-on-6™.

Ø		H					
		8	10	12	14	16	
3,3	ER	-	8	10	12	14	-
3,7	ER	-	8	10	12	14	16
4,1	ER	6	8	10	12	14	16
4,8	ER	6	8	10	12	14	-
6	EW	6	8	10	-	-	-

## SAFE LINE

### BT SAFE



Excellent primary stability, even in poor quality bone thanks to its compacting thread.

- Machined neck for an easier maintenance.
- Back-tapered neck to reduce the cortical stress.
- Rounded apex for a safe surgery near anatomical vital structures.
- Integrated platform switching design with the abutment.

Ø		H					
		10	12	14	16	18	
3,3	KR	-	-	10	12	14	-
3,7	KR	-	8	10	12	14	16
4,1	KR	6	8	10	12	14	16
4,8	KR	6	8	10	12	14	-
4,8	KW	6	8	10	12	14	-
6	KW	6	8	10	-	-	-

### BT SAFE TL



Perfect for one-stage surgeries.  
Excellent primary stability, even in poor quality bone thanks to its compacting thread.

- Great simplification thanks to the prosthetic apex at tissue level.
- Internal conic octagonal connection.
- Back-tapered neck to reduce the cortical stress.

Ø		H					
		10	12	14	16	18	
3,3	SR	-	-	10	12	14	-
3,7	SR	-	8	10	12	14	16
4,1	SR	6	8	10	12	14	16
4,8	SR	6	8	10	12	14	-



# SPECIAL IMPLANTS



## IS KONE 2.9

A 2.9 mm diameter implant designed to ease the surgical protocol in the frontal areas when a less invasive surgical approach is required due to unfavourable conditions.

∅		H			
2,9	KN	8	10	12	14

- Limited space e.g., the cases of lateral maxillary incisors and mandibular incisors.
- Aesthetic pink collar to reduce the grey colour of implant in the aesthetic areas.



## ULTRA

A large diameter implant for the post-extraction surgeries in the molar area. It is possible to perform the extraction and the implant insertion in one surgery to finalise the case after 4 months.

∅		H		
7	LW	6	8	10
8	LW	6	8	10
9	LW	6	8	10

- Compact surgical kit and quick and intuitive procedure.
- Emergency profile similar to the natural tooth thanks to the peek healing abutments.
- Maximum preservation of residual bone and maximum primary stability.



## BT NANO

The short implant with a length equal to or less than 6mm. It is used as additional implant together with regular implants or as auxiliary implant or for bars on implants to support complete denture in extremely atrophic maxillaries.

∅		H	
4,2	KW	5	6
4,8	KW	5	6
6	KW	5	6

- Abutment with a narrower diameter than the implant platform to maintain the soft tissues and the biological width (switching/shifting platform).
- Back-tapered design of the coronal part with a machined neck of 0.6mm, it allows an excellent management of the cortical bone.



## MINI

Mini-invasive surgical procedure for the stabilisation of the removable dentures. Spherical anchoring of 1.8 mm diameter.

∅		H			
1,9		10	11,5	13	15
2,5		10	11,5	13	15

- Titanium Grade 5.
- Monophasic implant.
- Dedicated surgical kit.



COMING SOON

COMING SOON

BT ZYGO ROUND

BT ZYGO FLAT

# MAXILLO IMPLANTS

Ø Platform  
4,3 mm

Ø Platform  
4,3 mm

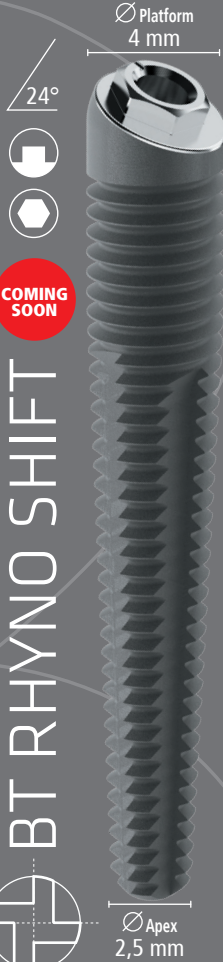


BT ZYGOMAX

Ø Apex  
2,5 mm

15 mm

Ø Apex  
2,5 mm



COMING  
SOON

BT RHYNO SHIFT

24°

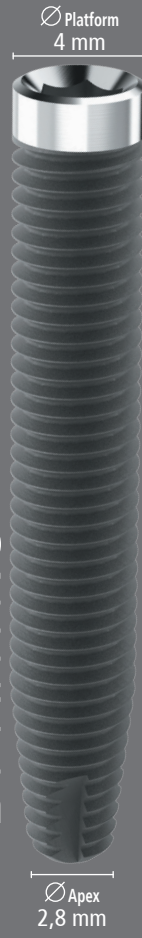
4 millings  
at 90°

Ø Platform  
4 mm

Ø Apex  
2,5 mm



BT RHYNO



Ø Platform  
4 mm

Ø Apex  
2,8 mm

## IMPIANTI NASALI

BT RHYNO SHIFT e BT RHYNO sono le nostre due opzioni di impianti nasali, che possono essere utilizzati per sfruttare l'osso mascellare che circonda il naso. Il sito implantare relativo inizia nell'osso alveolare (che deve essere di almeno 3mm) in zona premolare e termina nell'osso tra il seno mascellare e la cavità nasale.

- Massima versatilità: possibilità di scegliere tra l'impianto pre-angolato a 24° o dritto con monconi protesici MUA a 17° e 30°;
- Montatori slim, per un'inserzione implantare facilitata;
- Kit chirurgico Maxit: unico per zigomatici, nasali e pterigo.
- Per tecnica extra ed intrasinusale.

BT RHYNO

Ø	H
4,0	IR 20 22 24 26

## IMPIANTI ZIGOMATICI

BT ZYGO ROUND, BT ZYGO FLAT e BT ZYGOMAX, sono le nostre tre opzioni di impianti zigomatici per la risoluzione delle gravi atrofie del mascellare superiore.

Collocati in un sistema multi implantare (ad esempio all-on-4) in cui i carichi sono distribuiti.

- Massima versatilità: possibilità di scegliere tra impianti pre-angolati a 55° o dritti con monconi protesici MUA a 45° e 55°;
- Montatori slim, per un'inserzione implantare facilitata;
- Kit chirurgico Maxit: unico per zigomatici, nasali e pterigo.

BT ZYGOMAX

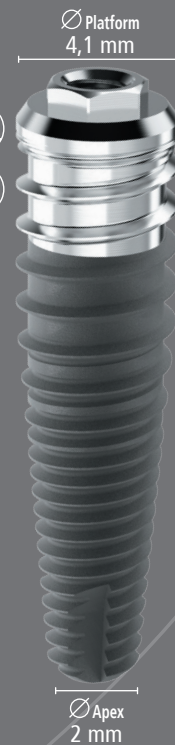
Ø	H
3,5	IR 35 37,5 40 42,5 45 47,5 50 52,5

BT ZYGO ROUND

Ø	H
3,5	EZ 35 37,5 40 42,5 45 47,5 50 52,5 55 57,5 60

BT ZYGO FLAT

Ø	H
3,5	EZ 35 37,5 40 42,5 45 47,5 50 52,5 55 57,5 60



Ø Platform  
4,1 mm

Ø Apex  
2 mm

## PTERIGO

This implant is inserted into the pterygoid process of the sphenoid bone. The pterygoid bone is a very solid bone which guarantees a high primary stability to the dental implant, and a safer immediate load.

- Dedicated abutments angled 15° and 25°.
- DAE surface.
- Machined neck.

Ø	H
4,7	ER 15 18 20 22





## BT KLASSIC

The cylindrical body implant line: reliable, simple, and universal. It is suitable for the two-stage procedures, where the implant is placed at bone level and covered by the surrounding soft tissue in the healing phase (two-stage healing).

- Cylindrical fixture body.
- Parallel smooth neck portion ranging from 0.7mm to 1.5mm (according to diameter/type).
- Simple and dedicated surgical kit.

### BT KLASSIC EXT

Ø	H						
3,25	EN	8,5	10	11,5	13	15	-
3,25 PL	ER	8,5	10	11,5	13	15	-
3,75	ER	8,5	10	11,5	13	15	-
4	ER	8,5	10	11,5	13	15	18
5	EW	8,5	10	11,5	13	15	-

### BT KLASSIC INT

Ø	H						
3,25	IR	-	10	11,5	13	15	-
3,75	IR	8,5	10	11,5	13	15	-
4,25	IM	8,5	10	11,5	13	15	-
5	IW	8,5	10	11,5	13	15	-



## IS KONE

The key feature of this implant involves a standard endosseous body implant combined with three different prosthetic connections to offer the best surgical and restorative versatility, based on the concept of a unique implant body for a unique surgical protocol.

- Self-tapping, with a smooth neck part of 0.8-1.15mm with micro grooves and back-taper.
- 0.9 mm thread pitch for all the diameters.
- Unique surgical kit compatible with the other lines PLUS; BT SAFE, BT NANO.

### IS KONE EXT

Ø	H						
3,3	EN	8	10	12	14	-	-
3,7	ER	8	10	12	14	16	18
4,1	ER	8	10	12	14	16	18
4,8	ER	8	10	12	14	-	-

### IS KONE INT

Ø	H						
3,3	IR	8	10	12	14	-	-
3,7	IR	8	10	12	14	16	-
4,1	IR	8	10	12	14	16	-
4,8	IR	8	10	12	14	-	-
4,8	IW	8	10	12	14	-	-

### IS KONE MTH

Ø	H						
3,3	KR	8	10	12	14	-	-
3,7	KR	8	10	12	14	16	18
4,1	KR	8	10	12	14	16	18
4,8	KR	8	10	12	14	-	-
6	KR	8	10	-	-	-	-



## BT KONIC

The implant able to combine tradition and innovation: the body is slightly conic; the apical morphology is rounded and perfect to easily direct the implant during its insertion. Suitable to perform surgeries also of maxillary sinus lifting.

- Simple and dedicated surgical kit.
- Suitable in the post-extraction sites and for soft bone.
- In the internal hexagon version (INT), it has a coronal bevel that, paired with the related prosthetic component, allows a moderate platform shifting.

### BT KONIC EXT

Ø	H						
3,25	EN	-	10	11,5	13	15	-
4	ER	8,5	10	11,5	13	15	-
5	EW	8,5	10	11,5	13	15	-

### BT KONIC INT

Ø	H						
3,25	IR	-	10	11,5	13	15	-
4	IR	8,5	10	11,5	13	15	-
5	IW	8,5	10	11,5	13	15	-



## CERTIFIED QUALITY SYSTEM

Certified quality system  
UNI EN ISO 9001 and UNI EN ISO 13485.



CE marked product, in accordance with the directive  
93/42/CEE and regulation (UE) 2017/745.



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