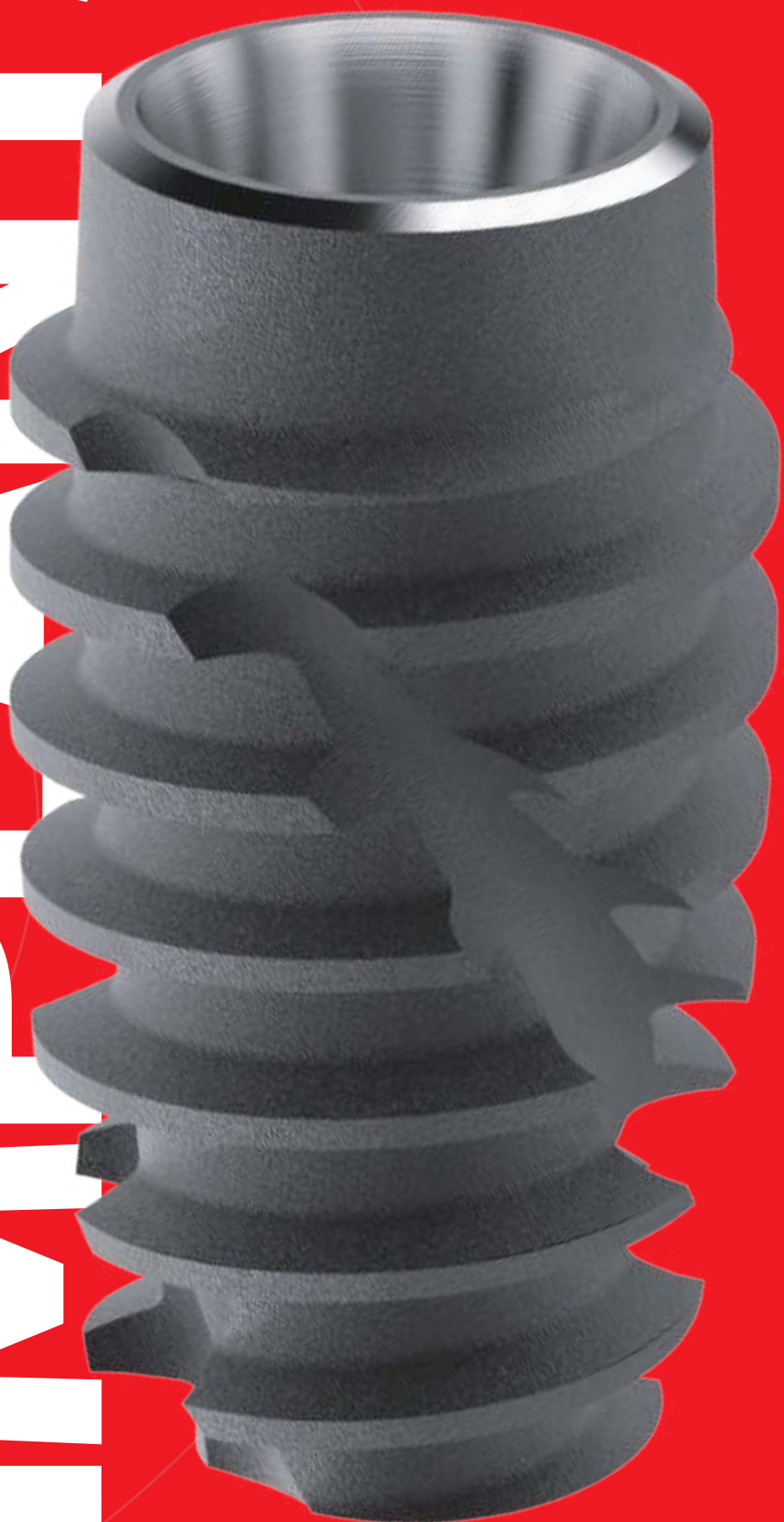


QUICK REFERENCE GUIDE
DENTAL IMPLANTS

btk  Implanting Trust,
Smile Again!

DENTAL IMPLANTS



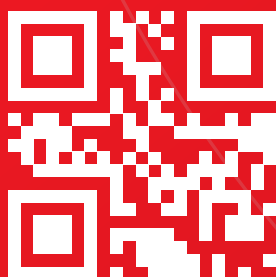


ONLY ONE SURGICAL KIT FOR 6 IMPLANT LINES

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** EXTERNAL HEXAGONAL NARROW*

* For zygomatic and nasal angled implants only



INTERNAL HEXAGON (INT)

- IR** INTERNAL HEXAGONAL REGULAR
- IM** INTERNAL HEXAGONAL MEDIUM
- IW** INTERNAL HEXAGONAL WIDE
- LR** INTERNAL DODECAGONAL REGULAR*
- LW** INTERNAL DODECAGONAL 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™.



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	LR	-	8	10	12	14	16
4,1	LR	6	8	10	12	14	16
4,8	LR	6	8	10	12	14	-
6	LR	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					
		8	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					
		8	10	12	14	16	
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.

Ø		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.

Ø		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.

Ø		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.

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

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

Ø Platform
4,3 mm



BT ZYGO ROUND

BT ZYGO FLAT



15 mm

15 mm

Ø Apex
2,5 mm

MAXILLO IMPLANTS



Ø Platform
4,3 mm

Ø Platform
4,3 mm

Ø Platform
3,4 mm

Ø Platform
3,5 mm

BT ZYGOMAX

BT RHYNO SHIFT

BT RHYNO

NASAL IMPLANTS

BT RHYNO and BT RHYNO SHIFT are our two options for nasal implants, which can be used in the jawbone surrounding the nose. The relative implant site starts in the alveolar bone (which must be at least 3mm) in the premolar area and ends in the bone between the maxillary sinus and the nasal cavity.

- Maximum versatility: possibility to choose between the 24° pre-angled or straight implant with MUA prosthetic abutments at 17° and 30°;
- Slim mounters, for implant insertion facilitated;
- Maxit surgical kit: unique for zygomatic, nasal and pterygo implants;
- For extra and intrasinus technique.

BT RHYNO

Ø	H
4,0 IR	20 22 24 26

BT RHYNO SHIFT

Ø	H
4,0 EZ	20 22 24 26

ZIGOMATIC IMPLANTS

BT ZYGO ROUND, BT ZYGO FLAT and BT ZYGOMAX, are our three zygomatic implant options for the resolution of severe jaw atrophies in superior area. Placed in a multi-implant system (e.g. all-on-4) where the loads are distributed.

- Maximum versatility: possibility to choose between 55° pre-angled implants or straight with MUA prosthetic abutments at 45° and 55°;
- Slim mounters, for easier implant insertion;
- Maxit surgical kit: unique for zygomatic, nasal and pterygo implants.

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

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

4 millings
at 90°

Ø Apex
2,5 mm

Ø Apex
2 mm

Ø Platform
4,1 mm

15 mm

Ø Apex
2,5 mm

Ø Apex
2 mm



BT KLASSEK

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 KLASSEK EXT

Ø	H						
		8,5	10	11,5	13	15	-
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 KLASSEK INT

Ø	H						
		-	10	11,5	13	15	
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 two 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						
		8	10	12	14	-	-
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						
		8	10	12	14	-	
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	-	



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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