



BIOTECH DENTAL KONTACT

BIOTECH DENTAL KONTACT S



SURGERY





BIOTECH DENTAL

BIOTECH DENTAL GROUP, 2.0 DENTAL OFFICE PARTNER

Since its creation in 1987, Biotech Dental is committed to develop a strong relationship of trust with dentists and dental technicians.

Together, we design and develop ever more tailored product lines to the challenges of the future. Our position is located at the crossroads of their expectations, innovation and technology. Allow practitioners to offer the best products at the best prices for their patients: that is the first objective of Biotech Dental.

With more than a million dental implants sold, we have helped to improve the lives of thousands of patients worldwide through all dentists who have trusted us. With our expertise and our know-how, we have chosen to be pioneers of this development through innovative technologies. In recent years, we have integrated new skills, invested over 10 % of our turnover in research and development to be able to develop and propose solutions on the cutting edge innovation.

Today we are a key partner for practitioners of dentistry. We offer our customers a wide range of products and services around dental care, to enable them to meet the different needs of their patients.

Innovation and Technology for practitioners to make affordable excellence to patients: this is Ethical currency of DENTAL BIOTECH.
As many products and services serving the dental office 2.0.

Philippe VERAN
President

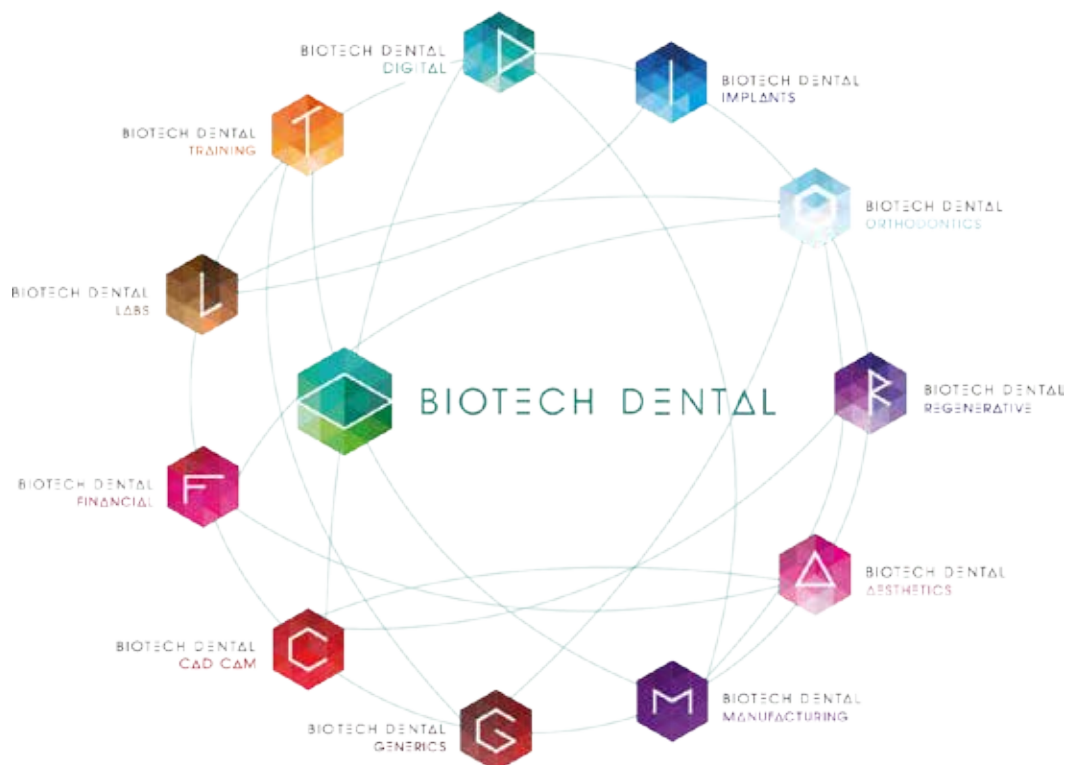


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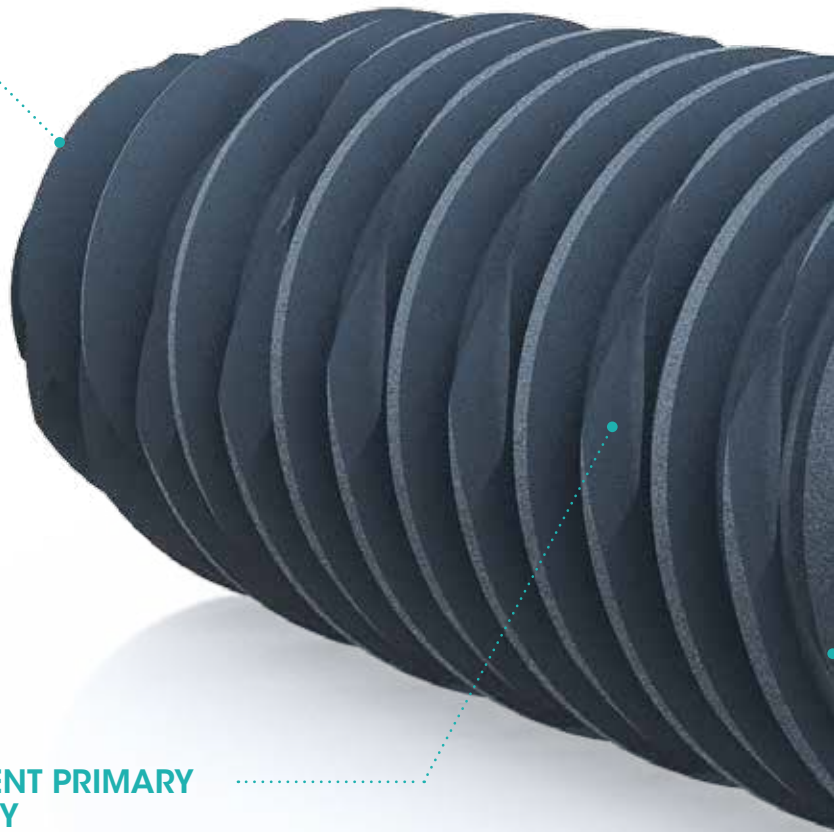
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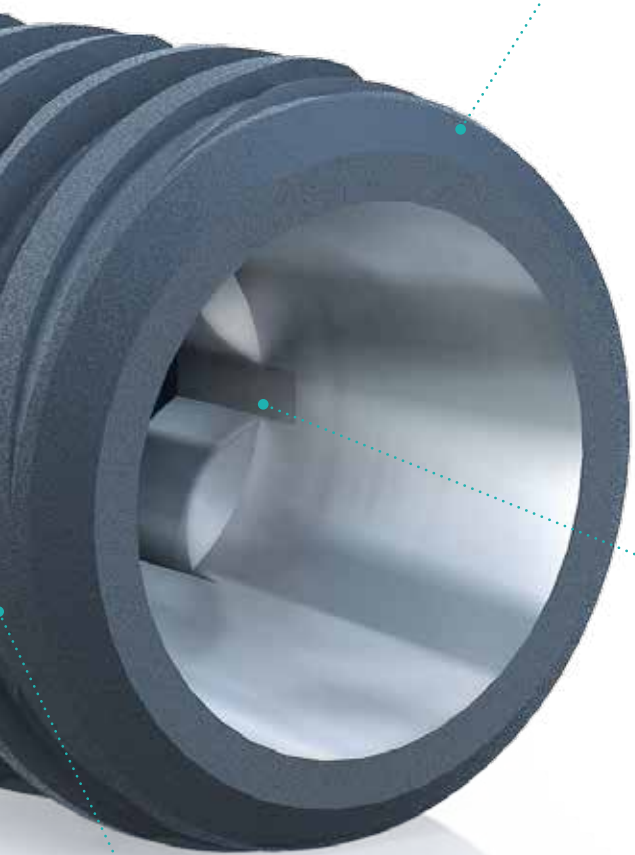
KONTACT[®] & KONTACT S[®] IMPLANTS

➤ MORSE-TAPER LOCKING SYSTEM

➤ SPHERICAL NON
TRAUMATIC APEX



➤ EXCELLENT PRIMARY
STABILITY



PLATFORM SWITCHING

Chamfered shoulder and micro-structured surface retaining the blood clot and helping bone reconstruction



STSYSTEM® INDEXING

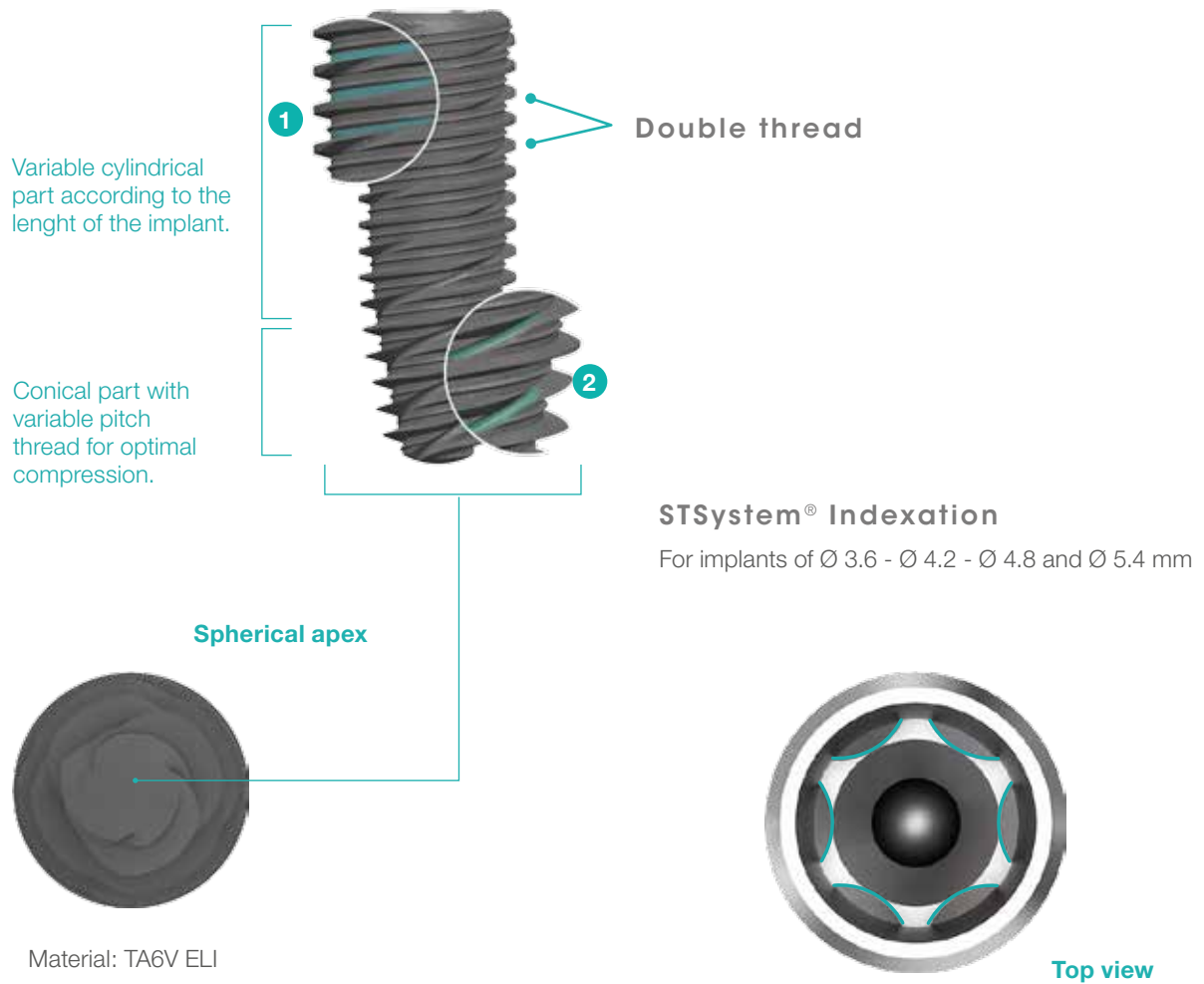
- Easy insertion
- Fast and reliable repositioning
- Same prosthetics parts for Kontakt® & Kontakt S®



Same surgery and prosthetic kits for Kontakt® and Kontakt S®



KONTACT® IMPLANT CHARACTERISTICS



1 Surface Increaser:

Secondary thread increasing the surface area and improving the distribution of forces to the surrounding bone.

2 Constant Leaf:

Continuous cutting blades along the implant optimising the force and the stability of insertion into the bone.

KONTACT® IMPLANT CHARACTERISTICS

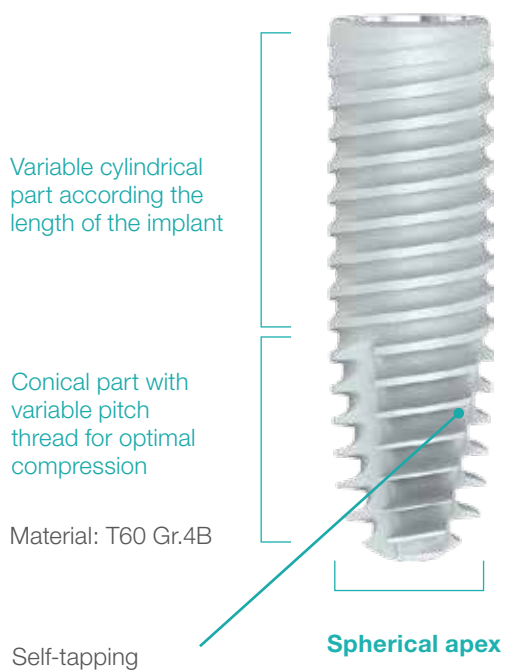
- Most clinical indications,
- Dental agenesis,
- immediate post-extraction implant placement, with or without bone regeneration.

KONTACT S® IMPLANT CHARACTERISTICS

This new implant is based on the philosophy of Kontakt®, bringing a change in the design of the thread and in the material. In Grade 4 Titanium, its softened thread allows a more progressive anchoring in the bone. The Kontakt S® will bring you a «Soft» clinical alternative!

Its progressive thread with spaced turns finds its interest in the neoformed bone obtained following a bone regeneration and in the bone of high density:

- It is easily inserted in all clinical situations,
- It contributes to excellent primary stability,
- It promotes a good distribution of the occlusal loads in the bone.



STSystem® Indexation

For implants of Ø 3.6 - Ø 4.2 - Ø 4.8 and Ø 5.4 mm



Top view

- T60 Gr.4B : pure Titanium,
- Sand-blasted and etched surface treatment,
- Patented STS connection,
- Drilling comfort,
- Same prosthetic kits and prosthetic components as Kontakt® implant.

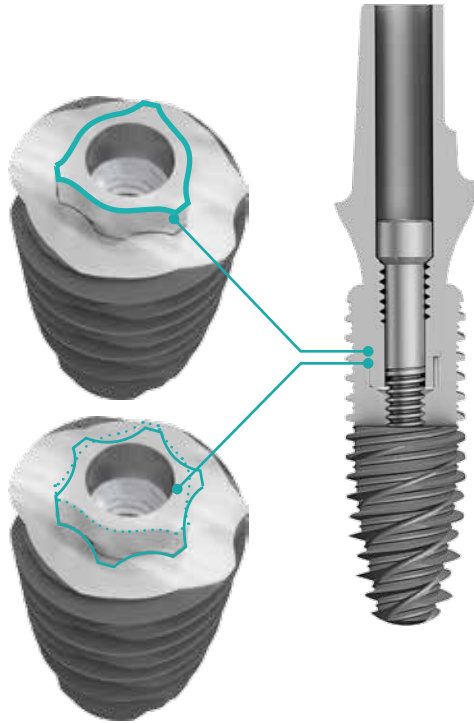
KONTACT S® IMPLANT CHARACTERISTICS

- **Most clinical indications,**
- **Sinus lifts,**
- **Regenerated bone sites.**



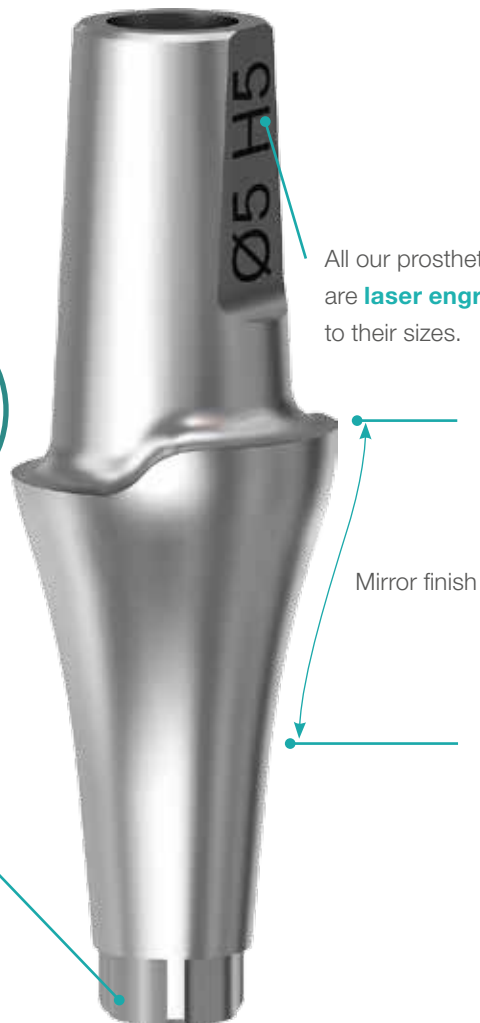
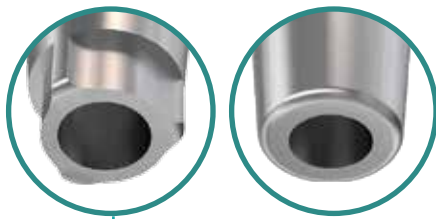
SIX-THREE SYSTEM® CONNECTION

Same connection for Kontakt® and Kontakt S®



Resistant assembly
Total thermal insulation
Easy to insert
Fast & reliable to reposition

Abutments exist in **indexed**
and **non-indexed** versions.



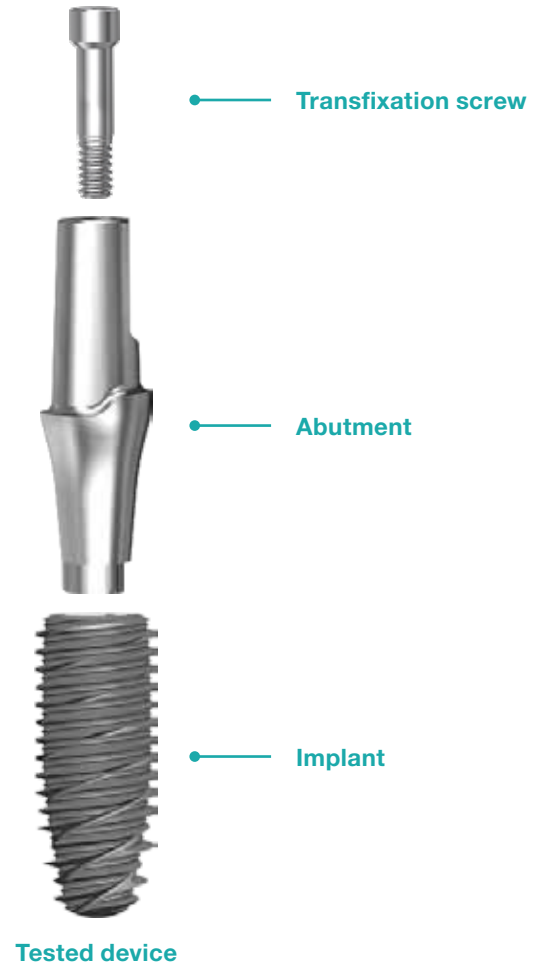
SIX-THREE SYSTEM® CONNECTION

The Kontakt® range* has a **Morse-taper** locking system. This system stabilizes the implant-abutment connection and offers remarkable and recognized mechanical and physiological advantages:

- **Strong resistance to stretching and torsion: the parts are perfectly interlocked**
- **No deforming or breaking movement of the screw**

Preclinical study

A study, for Kontakt® implant, aimed at appraising the quality of the airtight connection between the prosthetic stage and the implant has enabled the reliability of our system to be highlighted. It has demonstrated that our mounting system met all required tightness criteria (*Study N° 29J of 30/12/2013*).



Platform switching

The principle of platform switching is the use of **prosthetics connections (diameter) under dimensioned with respect to the implant neck diameter**. This improves bone crest preservation and leads to controlled biological **space reposition**. This favours bone stability (by restricting peri-implant bone resorption) and the **aesthetic outcome**.



The Kontakt® **implant provides excellent tissue preservation**. In fact, the combination of a Morse-taper connection and the principle of platform switching guarantees a perfectly **tight connection against** microbial growth and a completely **stable, reliable, and durable screw-abutment-implant structure**.

*The Kontakt® range includes Kontakt® and Kontakt S® implants.

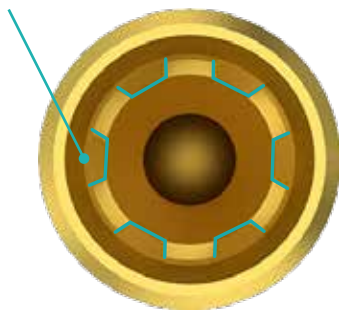
SPECIAL Ø 3 mm

Only for single-cement-retained restoration

Implant characteristics

Diameter 3 mm

Indexing 6 faces by fluted impressions for 3 mm diameter implant.



3 mm diameter implants are designed for small spaces in the incisor and canine area, for single cement-retained prosthesis only.

View of the analog connection

All parts relating to diameter 3 mm implant are identifiable by yellow dotted lines.






NOTE: For Ø 3 mm implants, a short cover screw (ref. K30VRC) is delivered as standard equipment. The high cover screw (ref. K30VRCE) is available on demand (free of charge). These screws are yellow.



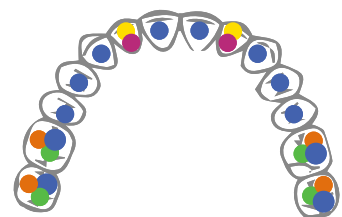
In order to avoid blocking the screws into the implant, thoroughly clean the inside to eliminate the blood.

Implant references

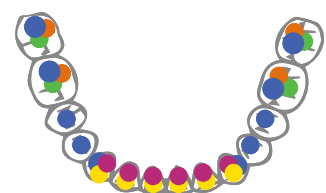
	Reference	Diameter	Length
	K30-10		10 mm
	K30-12	Ø 3 mm	12 mm
	K30-14		14 mm

The 3 mm diameter Kontakt S® implant will be soon available (June 2017).

Recommendation of implant diameter

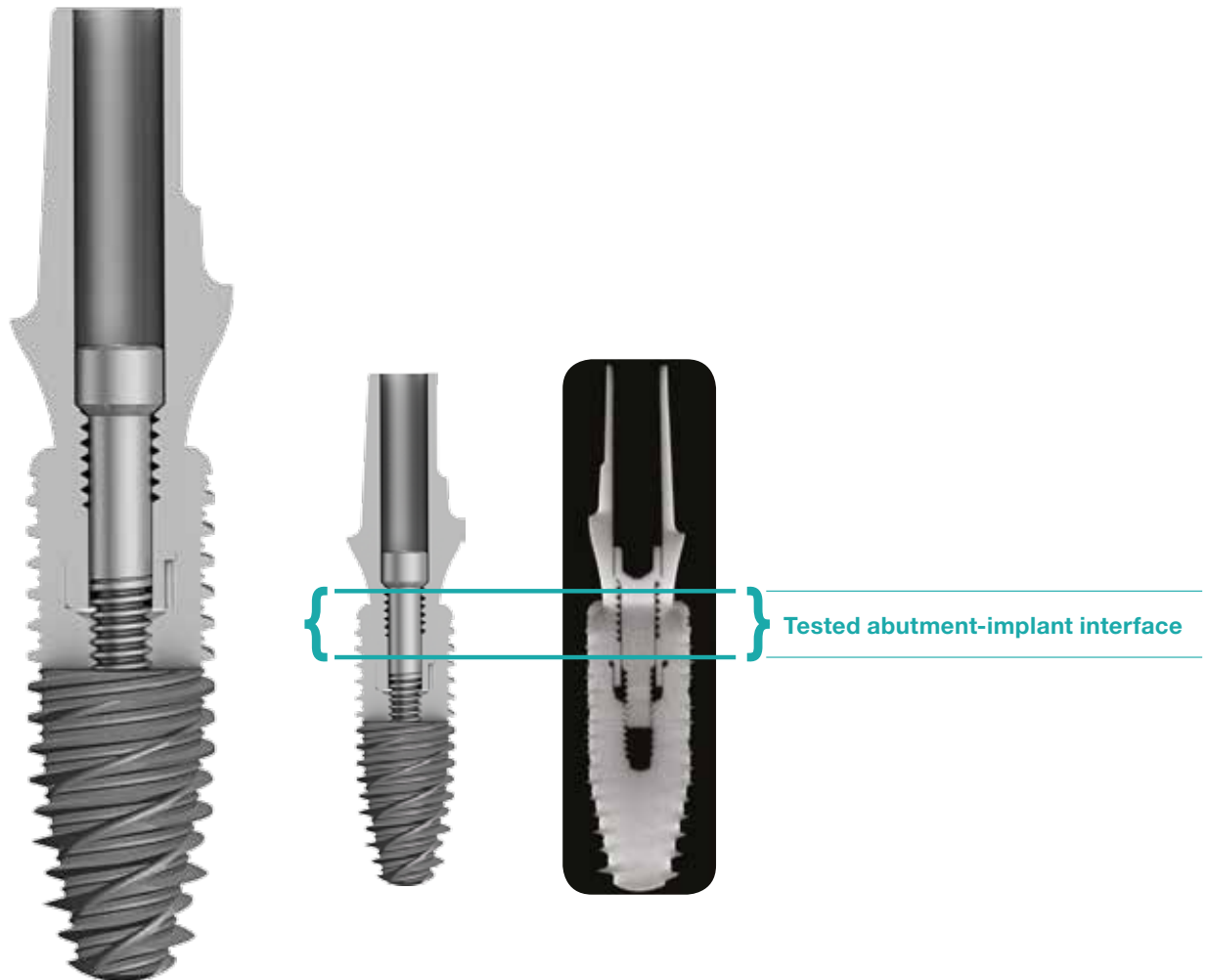


 Ø 3,0 mm

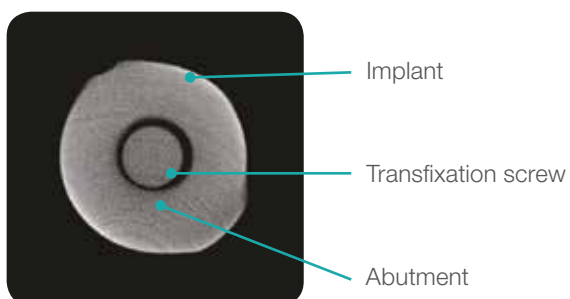


ABUTMENT / IMPLANT INTERFACE STUDY

Same connection for Kontakt® and Kontakt S®



Assembled device

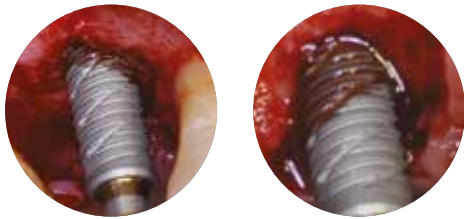


Perfect junction around the entire periphery.

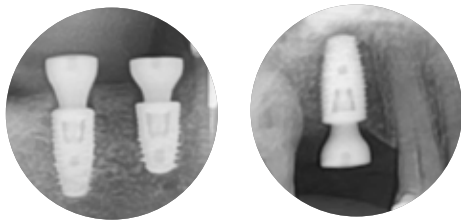


KONTACT® SURFACE TREATMENT




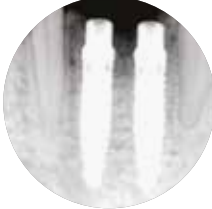
The Kontakt® implant has a **passivated and acid etched surface** to promote quality cell growth and adhesion. It improves the contact between the implant and the bone, whose structure is improved. Osseointegration is optimized through more rapid growth of osteoblasts.



Hydrophilicity and wettability promoting bone regrowth outside the cervical part of the implant.

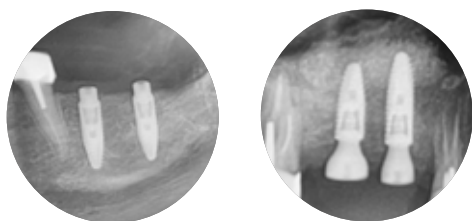


Passivated and etched surface for optimal bone apposition up to the interface.

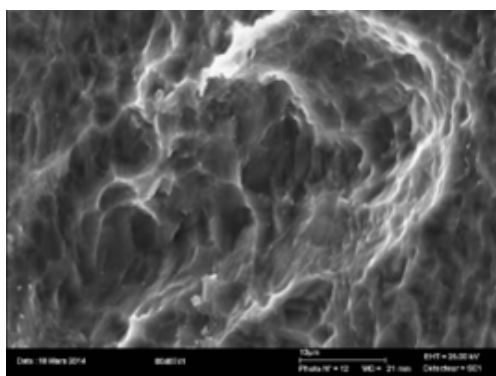
		A	Day of implant insertion: buried implants and 2 mm cover screw.
		B	Loading: bone regrowth around the implants, cover screw partially covered with healing bone.

KONTACT S® SURFACE TREATMENT

Kontakt S® implant is in grade 4 Titanium with sand-blasted and acid-etched surface treatment.



Passivated and etched surface for optimal bone apposition.

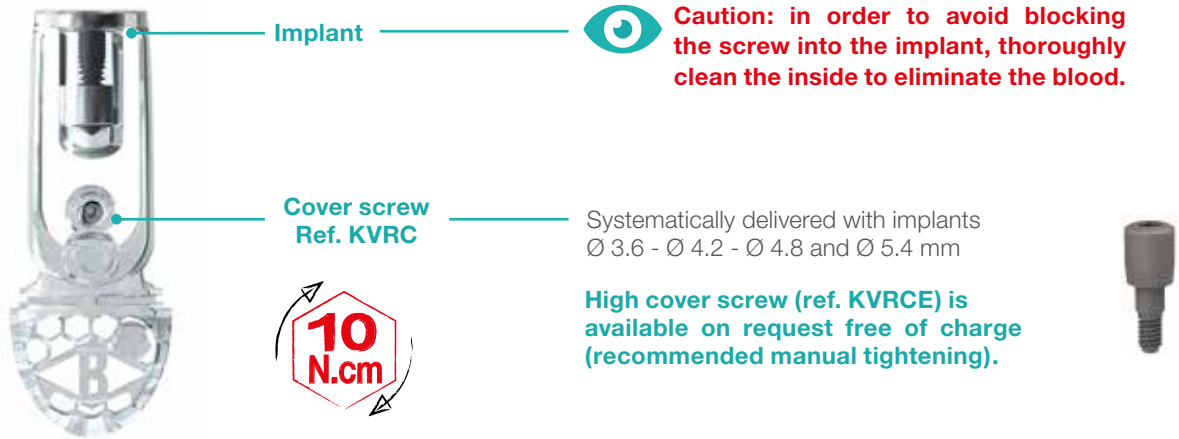


Surface Treatment View x 2000



IMPLANT PACKAGING

Contact® and Contact S® implants are supplied in double sterile packaging. The healing screw is systematically delivered with the implant.



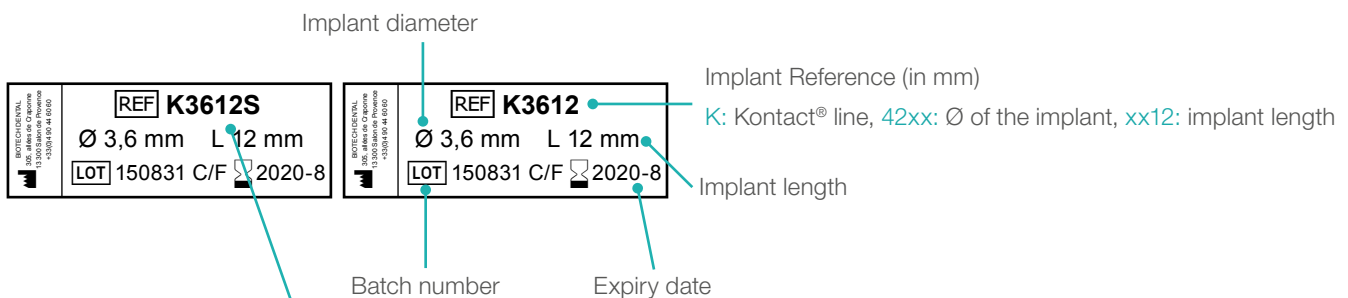
Packaging








Blister Pack



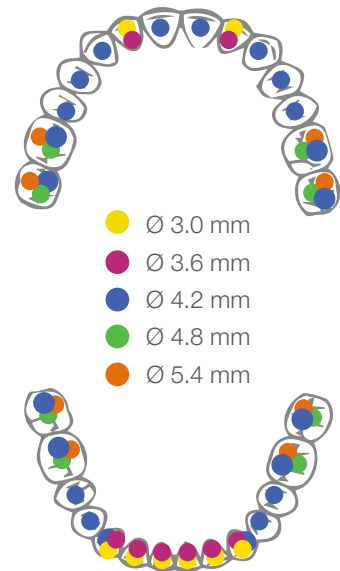
Label



KONTACT® IMPLANTS REFERENCES

	Reference	Diameter	Length
	K30-10	Ø 3 mm	10 mm
	K30-12		12 mm
	K30-14		14 mm
	K3608	Ø 3.6 mm	8 mm
	K3610		10 mm
	K3612		12 mm
	K3614		14 mm
	K3616*		16 mm
	K4206	Ø 4.2 mm	6 mm
	K4208		8 mm
	K4210		10 mm
	K4212		12 mm
	K4214		14 mm
	K4216*		16 mm
	K4806	Ø 4.8 mm	6 mm
	K4808		8 mm
	K4810		10 mm
	K4812		12 mm
	K4814		14 mm
	K5406	Ø 5.4 mm	6 mm
	K5408		8 mm
	K5410		10 mm
	K5412		12 mm
	K5414		14 mm

Recommendation of implants diameters



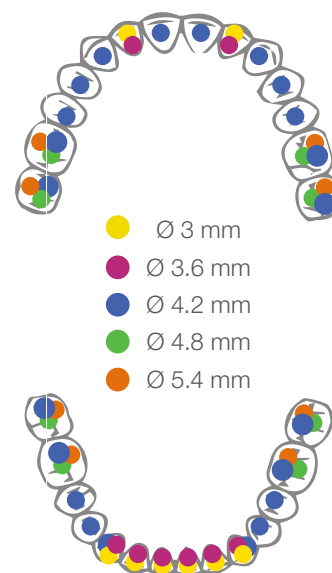
* 16mm steps drills and reamers drills are not delivered with surgical kit but available on request.



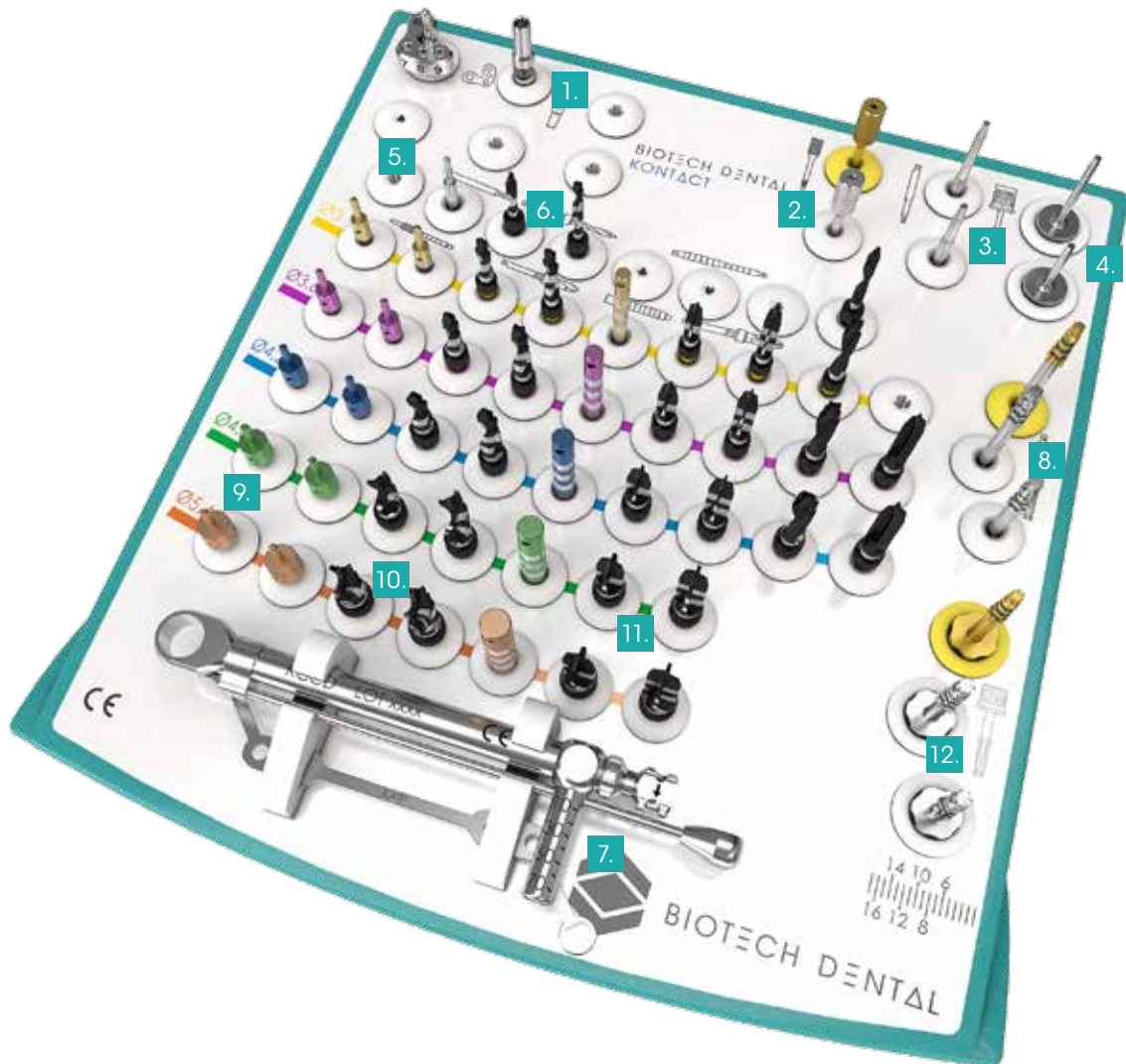
KONTACT S® IMPLANTS REFERENCES

	Reference	Diameter	Length	
	K3010S	Ø 3mm	10 mm	Available June 2017
	K3012S		12 mm	
	K3014S		14 mm	
	K3608S	Ø 3.6 mm	8 mm	
	K3610S		10 mm	
	K3612S		12 mm	
	K3614S		14 mm	
	K3616S		16 mm	
	K4206S	Ø 4.2 mm	6 mm	
	K4208S		8 mm	
	K4210S		10 mm	
	K4212S		12 mm	
	K4214S		14 mm	
	K4216S		16 mm	
	K4806S	Ø 4.8 mm	6 mm	
	K4808S		8 mm	
	K4810S		10 mm	
	K4812S		12 mm	
	K4814S		14 mm	
	K5406S	Ø 5.4 mm	6 mm	
	K5408S		8 mm	
	K5410S		10 mm	
	K5412S		12 mm	
	K5414S		14 mm	

Recommendation of implants diameters



SURGICAL KIT



1. Drill extension

2. Drill bit for implant removal

3. Contra-angle screwdrivers

4. Manual screwdrivers

5. Marking drill \varnothing 1.5 mm

6. Pilot drills \varnothing 2 mm

7. Torq wrench key surgery

8. Implants mountdrivers for contra-angle

9. Axial gauges

10. Step drills

11. Reamers drills

12. Implants mountdrivers

Optional











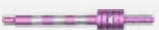



Spacer parallelizer

Drilling depth gauges terminal

































Placement key for Iso-Post

Steps drills and reamers drills for implant 16 mm (optional)

INSTRUMENTS

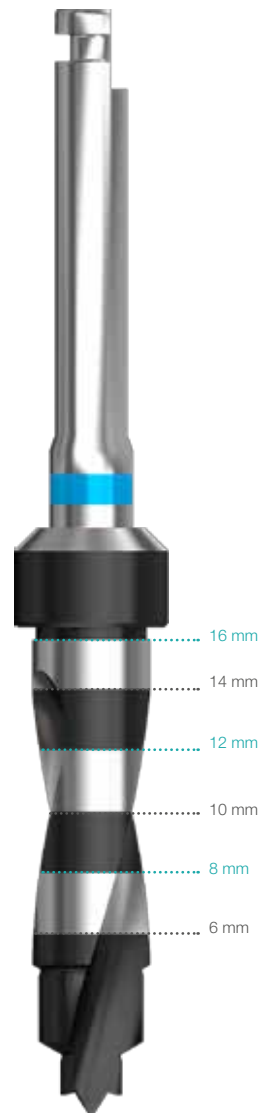
	Reference	Designation	Diameter	Length	
	ESP	Spacer parallelizer			Optional
	K30EX	Abutments extractor	All Ø		
	KEX				
	1001SI	Marking drill	Ø 1.5 mm		
	KFT	Marking drills trocart tip		Short	Optional
	KFTL			Long	Optional
	KFE20	Pilot drills	Ø 2 mm	Short	
	KFE20L			Long	
	KFE2016			16 mm	Optional
	KJA30	Axial gauges	Ø 3 mm		
	KJA36		Ø 3.6 mm		
	KJA42		Ø 4.2 mm		
	KJA48		Ø 4.8 mm		
	KJA54		Ø 5.4 mm		

INSTRUMENTS

	Reference	Dsignation	Diameter	Length	Color
	KFE30	Steps drills	Ø 3 mm	Short	
	KFE30L			Long	
	KFE3016*			16 mm	
	KFE36	Steps drills	Ø 3.6 mm	Short	
	KFE36L			Long	
	KFE3616*			16 mm	
	KFE42	Steps drills	Ø 4.2 mm	Short	
	KFE42L			Long	
	KFE4216*			16 mm	
	KFE48	Steps drills	Ø 4.8 mm	Short	
	KFE48L			Long	
	KFE54	Steps drills	Ø 5.4 mm	Short	
	KFE54L			Long	
	KF36	Reamers drills	Ø 3.6 mm	Short	
	KF36L			Long	
	KF3616*			16 mm	
	KF42	Reamers drills	Ø 4.2 mm	Short	
	KF42L			Long	
	KF4216*			16 mm	
	KF48	Reamers drills	Ø 4.8 mm	Short	
	KF48L			Long	
	KF54	Reamers drills	Ø 5.4 mm	Short	
	KF54L			Long	



* 16mm steps drills and reamers drills are not delivered with surgical kit (available as an option).



INSTRUMENTS






	Reference	Designation	Implant Diameter	Length		
	K30MPICA	Implant mountdriver for contra-angle	Ø 3 mm	Short		
	KMPICAC					
	KMPICAL			Other Ø		Long
	KMPICAXL					Extra long
	K30MPI	Implant mountdriver	Ø 3 mm	Short		
	KMPIC					
	KMPIL			Other Ø		Long
	KMPIXL					Extra long
	TCAS	Contra-angle screwdrivers		Short	Optional	
	TCA			Standard		
	TCAL			Long		
	1028	Drill extension				
	1032S	Manual screwdrivers		Short	Optional	
	1032			Standard		
	1032L			Long		
	KAIP	Placement key for Iso-Post			Optional	
	KCCD	Torq wrench key surgery				
	KCCDL	Long torq wrench key surgery				
	KJP30	Drilling depth gauges terminal	Ø 3.0 mm		Optional	
	KJP36		Ø 3.6 mm			
	KJP42		Ø 4.2 mm			
	KJP48		Ø 4.8 mm			
	KJP54		Ø 5.4 mm			
	MV000	Universal mountdriver				
	KMPIMAM-C	Short implant mountdriver for grinding handle				
	KMPIMAM-L	Long implant mountdriver for grinding handle				
	K30MPIMAM-C	Short implant mountdriver Ø 3 mm for grinding handle				

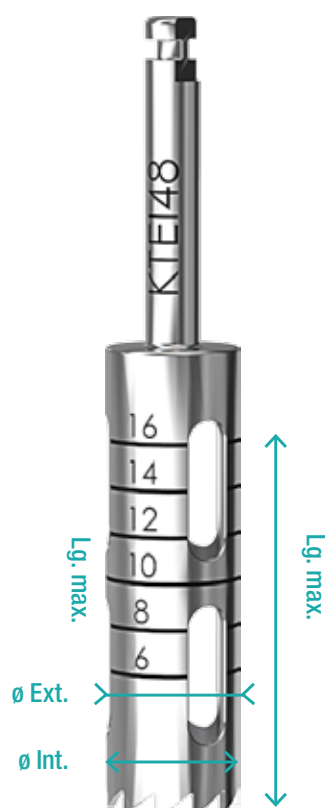
DRILL BIT FOR IMPLANT REMOVAL

Implant removal requires an extraction drill bit.

A diametric drill bit is available for Kontakt® implant and Kontakt S® implant.

Recommendations for use: 500 to 800 rpm/minute with irrigation.

	Reference	∅ Interior	∅ Exterior	Max internal Lg.
	KTEI30	3.4	4	18
	KTEI36	4	4.6	
	KTEI42	4.6	5.2	
	KTEI48	5.2	5.8	
	KTEI54	5.8	6.4	





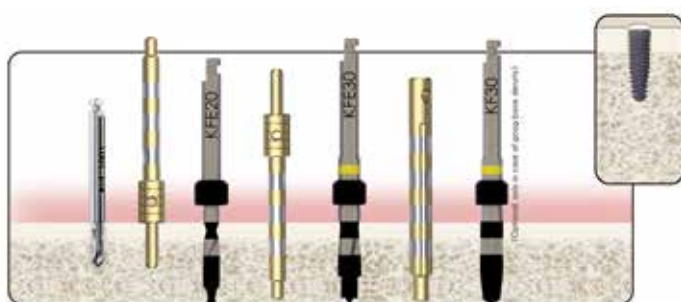
DRILLING PROTOCOL



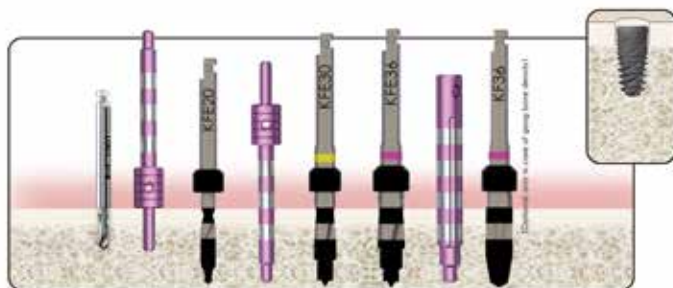
1. Implant can be buried by 2 mm in order to promote bone regrowth over the implant plate.

Recommended

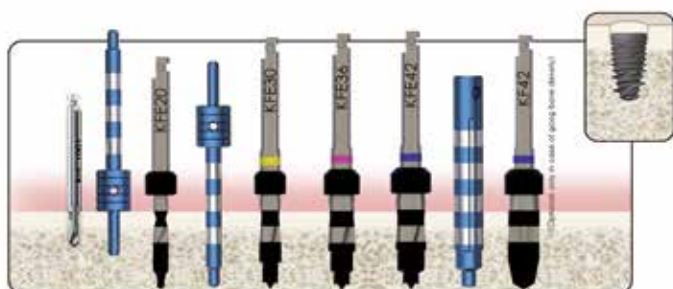
2. Crestal implant position.



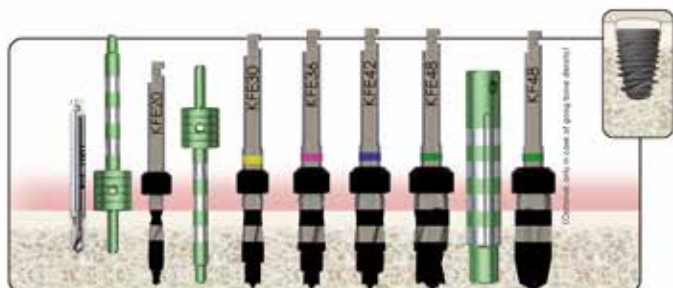
Drilling for Ø 3 mm Implant.
Subcrestal positioning of 2 mm.



Drilling for Ø 3.6 mm Implant.
Subcrestal positioning of 2 mm.

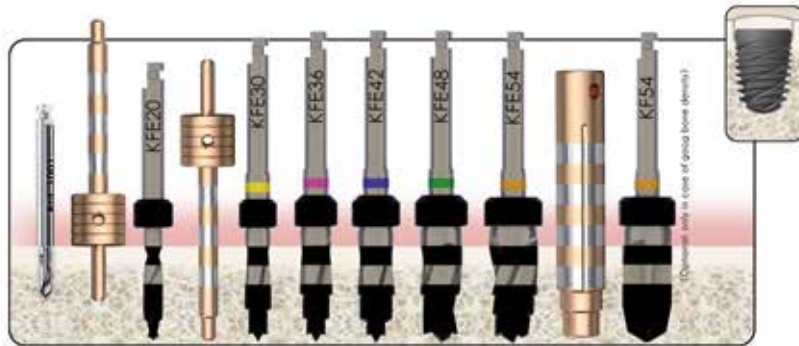


Drilling for Ø 4.2 mm Implant.
Subcrestal positioning of 2 mm.



Drilling for Ø 4.8 mm implant.
Subcrestal positioning of 2 mm.

DRILLING PROTOCOL



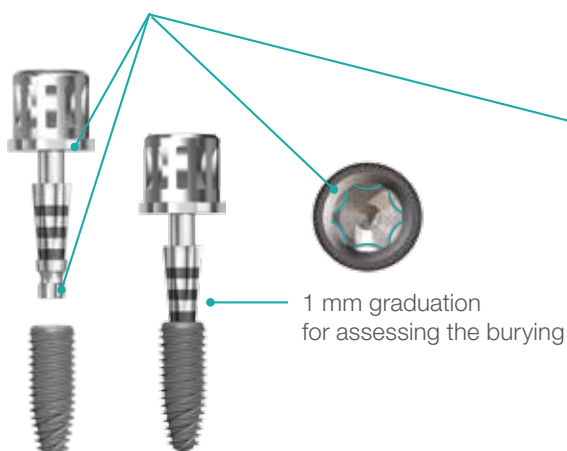
Drilling for Ø 5.4 mm implant.
Subcrestal positioning of 2 mm.

Recommended drill rotation speeds

Material	Rotation Speed
Ø 1.5 / Ø 2 mm steps drills	1500 rpm
Yellow, magenta and blue steps drills	1000 - 1200 rpm
Green and orange steps drills	700 - 900 rpm
Reamer drill	200 rpm
Implant	15 rpm

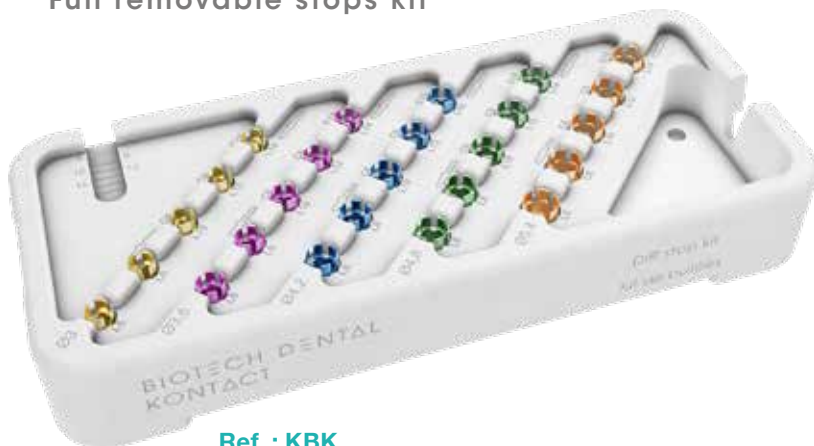
Specification for the use of the implant driver

6 angular references represent the connection tops



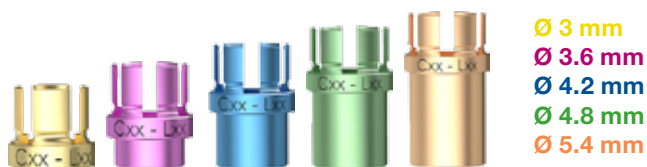
FULL REMOVABLE STOPS KIT

Full removable stops kit



Ref. : KBK

Drill stops



- Ø 3 mm
- Ø 3.6 mm
- Ø 4.2 mm
- Ø 4.8 mm
- Ø 5.4 mm



Stop on
step drill

Short drills stops

Reference	Diameter	Drilling
KB30C6L10		06 mm
KB30C8L12	Ø 3 mm	08 mm
KB30C10L14		10 mm
KB36C6L10		06 mm
KB36C8L12	Ø 3.6 mm	08 mm
KB36C10L14		10 mm
KB42C6L10		06 mm
KB42C8L12	Ø 4.2 mm	08 mm
KB42C10L14		10 mm
KB48C6L10		06 mm
KB48C8L12	Ø 4.8 mm	08 mm
KB48C10L14		10 mm
KB54C6L10		06 mm
KB54C8L12	Ø 5.4 mm	08 mm
KB54C10L14		10 mm



Removable and reusable drill stops for complete control of drilling depths.

Caution: drill stops are not compatible with optional 16 mm drills.

Long drills stops

Reference	Diameter	Drilling
KB30L6		06 mm
KB30L8		08 mm
KB30C6L10	Ø 3 mm	10 mm
KB30C8L12		12 mm
KB30C10L14		14 mm
KB36L6		06 mm
KB36L8		08 mm
KB36C6L10	Ø 3.6 mm	10 mm
KB36C8L12		12 mm
KB36C10L14		14 mm
KB42L6		06 mm
KB42L8		08 mm
KB42C6L10	Ø 4.2 mm	10 mm
KB42C8L12		12 mm
KB42C10L14		14 mm
KB48L6		06 mm
KB48L8		08 mm
KB48C6L10	Ø 4.8 mm	10 mm
KB48C8L12		12 mm
KB48C10L14		14 mm
KB54L6		06 mm
KB54L8		08 mm
KB54C6L10	Ø 5.4 mm	10 mm
KB54C8L12		12 mm
KB54C10L14		14 mm

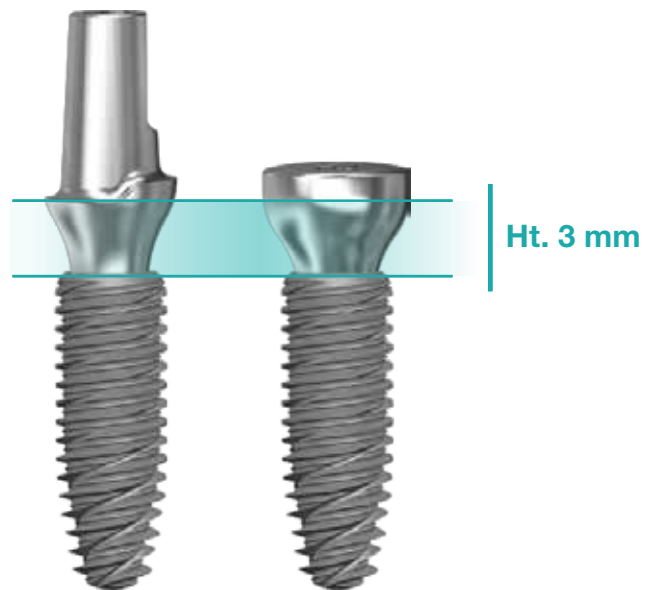
HEALING SCREWS

	Reference	Designation	Diameter	Height
	K30VC	Titanium healing screw	Ø 3 mm	1.5 mm
	K30VC3			3 mm
	K30VC4			4 mm
	K30VC5			5 mm
	KVC401			Titanium healing screw
KVC402	2 mm			
KVC403	3 mm			
KVC404	4 mm			
KVC405	5 mm			
	KVC501	Titanium healing screw	Ø 5 mm	1 mm
	KVC502			2 mm
	KVC503			3 mm
	KVC504			4 mm
	KVC505			5 mm
	KVC652	Titanium healing screw	Ø 6.5 mm	2 mm
	KVC653			3 mm
	KVC654			4 mm
	KVC655			5 mm

HEALING SCREWS

 In order to avoid blocking the screw into the implant, thoroughly clean the inside of the same to eliminate the blood.

Gingival height



Example with Ht. 3mm

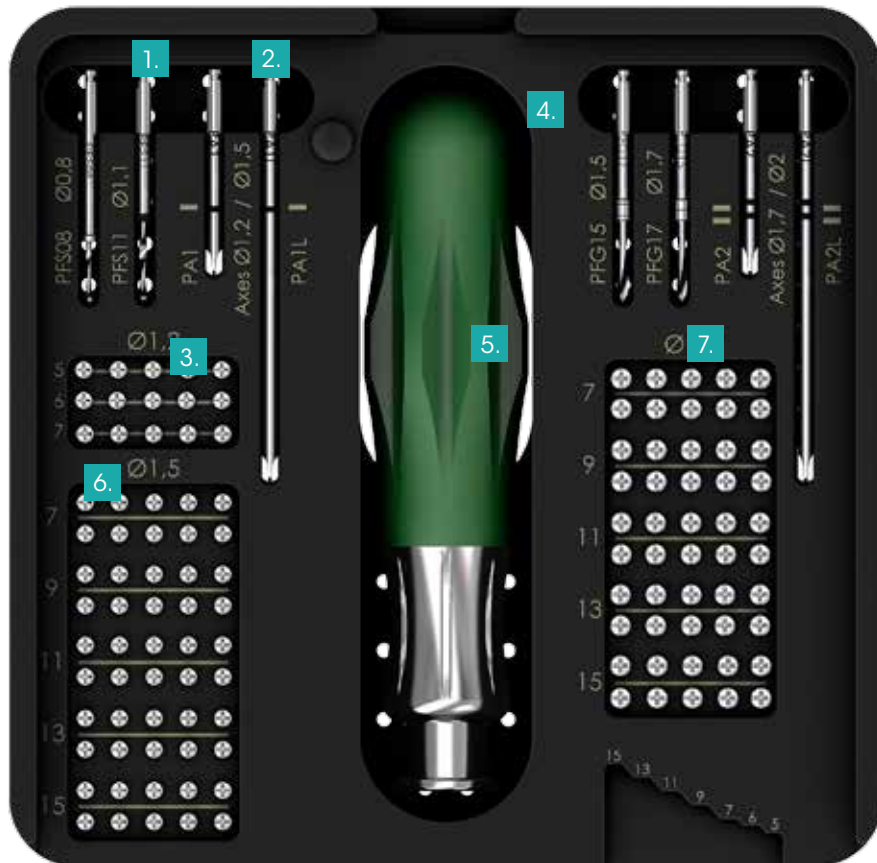


Ref. : KVCKV

The healing screws should be tight with a **maximal torque of 10N. cm (recommended manual tightening).**















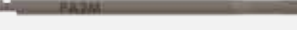

BIOTECH DENTAL FIX IN



Ref. : PIK

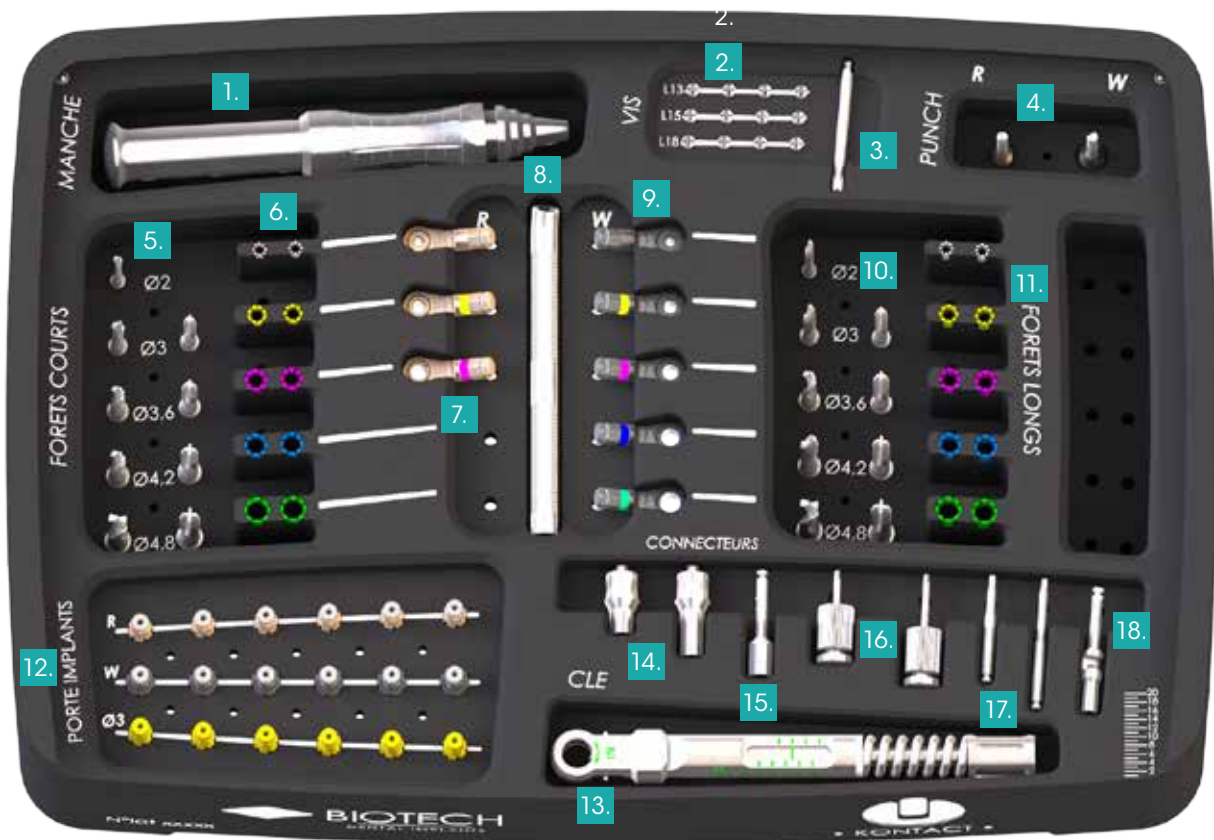
1. Bone graft Drills
2. Drills for recipient site self-drilling screw
3. Self-drilling screw \varnothing 1.2 mm
4. Shaft screwdriver for self-drilling screw
5. Dental tip screwdriver handle
6. Self-drilling screw \varnothing 1.5 mm
7. Self-drilling screw \varnothing 1.7 mm

OSTEOSYNTHESIS KIT FIX'IN

	Reference	Designation	Diameter	Length	
	PMT	Dental tip screwdriver handle			
	PFS08	Drills for recipient site self-drilling screw	Ø 0.8 mm		
	PFS11		Ø 1.1 mm		
	PFG15	Bone graft drills	Ø 1.5 mm		
	PFG17		Ø 1.7 mm		
	PV1205	Self-drilling screws	Ø 1.2 mm	5 mm	
	PV1206			6 mm	
	PV1207			7 mm	
	PV1507	Self-drilling screws	Ø 1.5 mm	7 mm	
	PV1509			9 mm	
	PV1511			11 mm	
	PV1513			13 mm	
	PV1515			15 mm	
	PV1707	Self-drilling screws	Ø 1.7 mm	7 mm	
	PV1709			9 mm	
	PV1711			11 mm	
	PV1713			13 mm	
	PV1715			15 mm	
	PA1			Short	
	PA1M	Shaft screwdriver for self-drilling screw		Medium	Optional
	PA1L			Long	
	PA2			Short	
	PA2M	Shaft screwdriver for self-drilling screw		Medium	Optional
	PA2L			Long	







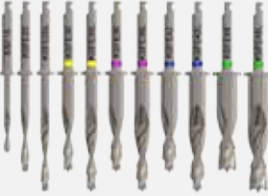
BIOTECH DENTAL ATLAS SURGERY





Ref. : KST

- | | |
|--|--|
| 1. Dental tip screwdriver handle | 10. Long steps drills and reamers drills |
| 2. Guide-fixing screws | 11. Long drills stops |
| 3. Screwdriver axis | 12. Implant holders |
| 4. Punch | 13. Torq wrench key surgery |
| 5. Short steps drills and reamers drills | 14. Manual ratchet connectors |
| 6. Short drills stops | 15. Contra-angle ratchet connectors |
| 7. Regular Spoon guide | 16. Manual screwdrivers |
| 8. Spoon handle | 17. Contra-angle screwdrivers |
| 9. Wide Spoon guide | 18. Extension drill |

GUIDED SURGERY KIT ATLASURGERY

	Reference	Designation	Diameter	Height	Length
	KSMC	Spoon handle			
	KSCREG20	Regular spoon guide	2 mm		
	KSCREG30		3 mm		
	KSCREG36		3.6 mm		
	KSCWID20	Wide spoon guide	2 mm		
	KSCWID30		3 mm		
	KSCWID36		3.6 mm		
	KSCWID42		4.2 mm		
	KSCWID48		4.8 mm		
	KSB20-2	Drills stops for guided surgery	2 mm	2 mm	
	KSB20-4			4 mm	
	KSB30-2		3 mm	2 mm	
	KSB30-4			4 mm	
	KSB36-2		3.6 mm	2 mm	
	KSB36-4			4 mm	
	KSB42-2		4.2 mm	2 mm	
	KSB42-4			4 mm	
KSB48-2	4.8 mm	2 mm			
KSB48-4		4 mm			
	KSFE20	Steps drills for guided surgery	2 mm		Short
	KSFE20L				Long
	KSFE30		3 mm		Short
	KSFE30L				Long
	KSFE36		3.6 mm		Short
	KSFE36L				Long
	KSFE42		4.2 mm		Short
	KSFE42L				Long
	KSFE48		4.8 mm		Short
	KSFE48L				Long

GUIDED SURGERY KIT ATLASURGERY

	Reference	Designation	Diameter	Length
	KSF30	Reamers drills for guided surgery	3 mm	Short
	KSF30L			Long
	KSF36		3.6 mm	Short
	KSF36			Long
	KSF42		4.2 mm	Short
	KSF42			Long
	KSF48		4.8 mm	Short
	KSF48			Long
	KSPUN-REG	Punch Regular		
	KSPUN-WID	Punch Wide		
	KSCMC	Ratchet connectors		Short
	KSCMCL		Long	
	KSCMCA	Contra-angle connector		
	KSMPI-REG	Regular implant holder + screw KSMPIV		
	KSMPI-WID	Wide implant holder + screw KSMPIV		
	KSMPI30	Implant holder + screw KSMPI30V	3 mm	



 NOTES

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 NOTES

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GENERAL INFORMATION



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8h30 - 12h30 – 13h30 - 17h00 (Friday)



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