

SIMPLE
Surface



CLASSIC
Surface



CORE V2 IMPLANTS

Cylindrical implant with internal hexagon in Titanium Grade 4 for the submerged technique with Double Acid Etching (DAE) surface.

The internal hex connection is still the most versatile prosthetic connection mechanism for both screwed and cemented prostheses.

The morphology of the CORE V2 implant, i.e. coil pitch, implant core, neck and hexagon diameter, meets the most established mechanical standards with long-term follow-up.

The CORE V2 implant has atraumatic apices and discharge apical millings that make it self-centring.

The CORE V2 implant is made according to the dictates of the latest literature with particular attention to the reduction of the peri-implant bone loss developed according to the following concepts of new technology and macrogeometry:

- **BICUSPID THREAD**
- **MINIMUM COMPRESSION IN DENSE BONE**
- **SWITCHING PLATFORM**
- **SINGLE PROSTHETIC PLATFORM**



1

CLASSIC
Surface



TDE
Surface



K-CORE V2 IMPLANTS

Hexagonal Titanium Grade 4 conical implant for the submerged Double Acid Etching (DAE) technique.

The internal hex connection is still the most versatile prosthetic connection mechanism for both screwed and cemented prostheses.

The conical morphology of the K-CORE V2 implant, very aggressive coil pitch, conical implant core, neck and hexagonal diameter, tends to compact the medulla during implant insertion and the large flat-base thread preserves its stability.

Recommended in post-extractive sites and in the upper teeth.

The K-CORE V2 implant is made according to the dictates of the most recent literature, paying particular attention to the reduction of the peri-implant bone loss cone developed according to the following concepts of new technology and macrogeometry:

- **ATRAUMATIC APEX**
- **LARGE THREAD**
- **SWITCHING PLATFORM**
- **SINGLE PROSTHETIC PLATFORM**



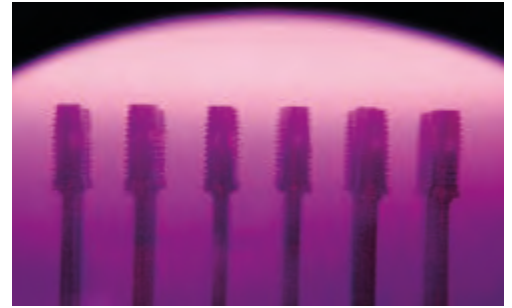
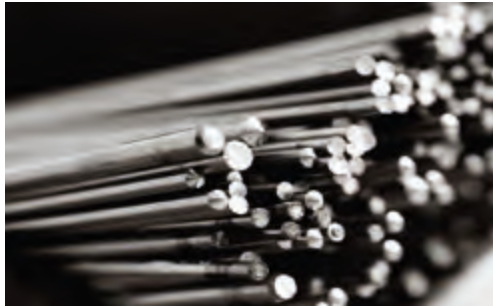
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CORE V2 AND K-CORE V2 MATERIALS AND SURFACES

RAW MATERIALS AND PRODUCTION

Bio Implant devices are manufactured using raw materials that are appropriately selected, tested and certified for medical use. Dental implants and prosthetic components are made exclusively of grade 4 titanium and grade 5 titanium alloy (Ti6Al4V), both of which comply with international standards (ASTM F67, ASTM 136) and are universally known for their excellent biocompatibility and mechanical properties.

Kristal uses the latest generation of CNC lathes for its production, which guarantee micrometric tolerances. Because of the importance of accuracy and compliance with design specifications, each production batch undergoes several 100% checks: both visual and by means of appropriate instrumentation.



SURFACE TREATMENTS

In order to further improve the surface properties of titanium, Kristal envisaged the implementation of various treatments on the implant surface, which can effectively accelerate and promote the osseointegration processes. Implants must regularly pass strict inspections aimed at checking not only the level of cleanliness of the implants but also the morphological and topographical characteristics and the chemical composition of the surface, which will form the interface with the bone tissue. Regular analysis involves assessing the (quantitative and qualitative) chemical composition of the most superficial layers (5 nm depth) using XPS and observing the superficial morphology under a scanning electron microscope.

DECONTAMINATION AND CLEAN ROOM PACKAGING

To ensure excellent cleanliness levels, the devices undergo a rigorous decontamination process which involves several washes to remove all contaminants from the surface. The reproducibility of the treatment and the optimisation of the process parameters allow this decontamination technique to be used with high quality standards on devices with complex geometry.

Decontamination, as well as the subsequent assembly and packaging stages, take place in an ISO 6 clean room, which ensures that the most delicate phases of the production process are carried out in an environment with particulate contamination control, which is constantly kept at pre-set levels in line with the current regulations. Our in-house cleanroom is one of Bio Implant's strong points, as all activities carried out there are governed by strict operating procedures and performed by highly qualified staff.

STERILISATION

Sterilisation, one of the few outsourced activities, is carried out by a certified supplier. The implants are sterilised by gamma irradiation with a nominal dose of 25kGy; the efficiency of the process and the presence of a sealed package, which acts as a microbiological barrier, guarantee that its sterility and its conditions kept intact over time (5 years shelf life).

HANDLING THE IMPLANT

The implant is directly taken from the sterile vial with direct handpiece or contra-angle connectors. The \varnothing 2.9 mm implant keeps its pre-assembled mounting device that allows the operator to pick up and insert the implant using the manual or contra-angle screwdriver.



PACKAGING



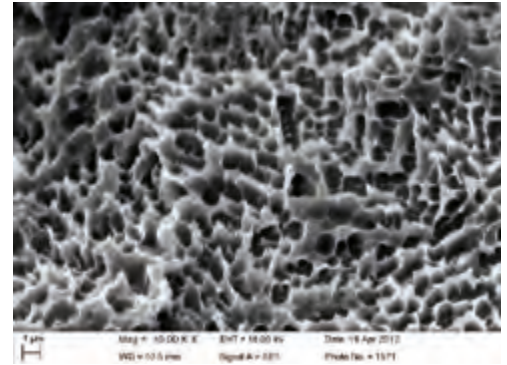
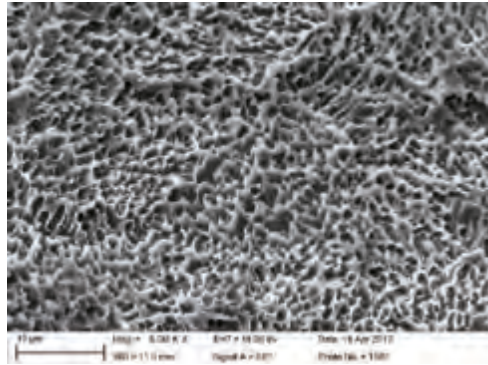
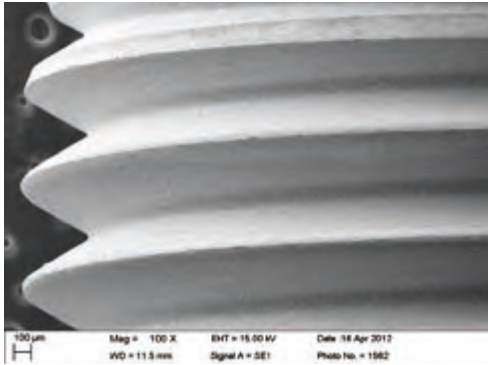
STERILE BLISTER



LABELLING

Titanium and its alloys have always been considered as materials of choice in dental implantology due to their excellent biocompatibility features and their behaviour with biological tissues. Seeking to further improve their properties, biomedical research developed a series of surface treatments that accelerate and promote osseointegration.

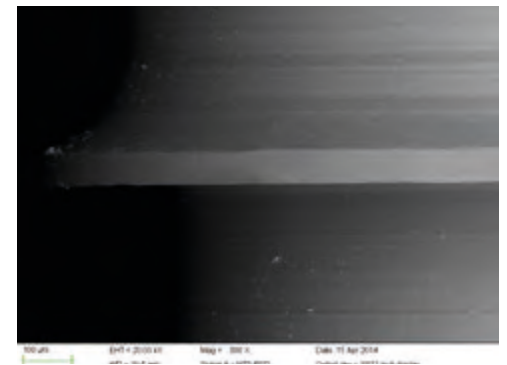
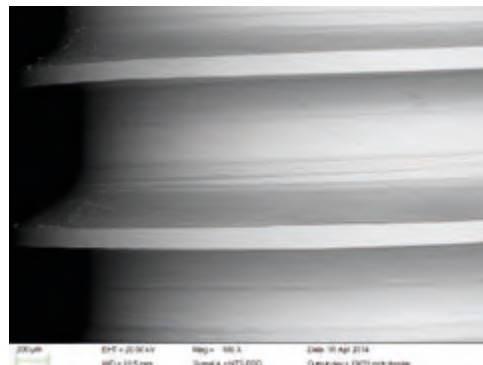
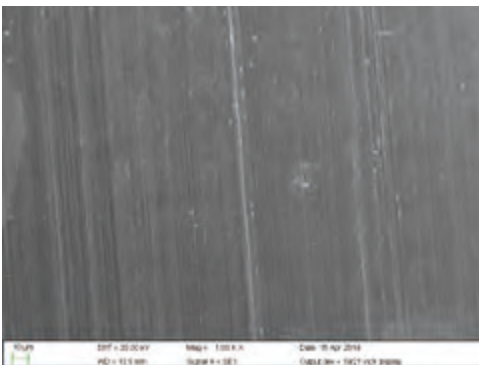
CLASSIC AND TDE



The signature surface treatment of this line of products, Double Acid Etching (DAE), is available in two versions, Classic and TDE. The two versions simply differ in the height of the treatment level: TDE has a whole treatment, Classic excludes a portion of the neck leaving it stained. The surface has a micro rough surface morphology that increases the contact surface between bone and implant and reduces the waiting time for applying loads. Obtained through a subtractive process of double acid etching, this type of treatment provides the typical

microtopography that is the basis of modern implant surfaces. The surface irregularities are separated by micrometric distances, which makes them extremely efficient in platelet activation and retention of the clot in the implant site. The three-dimensional texture of this surface acts as a highly efficient sponge, which retains the growth factors and ensures a fast and favourable course of the bone healing process.

SIMPLE



Kristal is proud to present the Simple surface that recalls the tradition and reliability of **partially treated** implant surfaces. The **Simple** surface is available for a selection of implants in the Core V2 line and aims to meet the demand for an easily cleanable surface in the event of bacterial infection and in the presence of peri-implantitis in the most appropriate way.

The **Simple** surface is decontaminated using Argon plasma and then packed in a clean room environment. The characteristics of the surfaces obtained in this way are constantly controlled thanks to modern technologies that allow us to document their undisputed quality.

CORE V2 AND K-CORE V2 A SINGLE PLATFORM FOR ALL IMPLANT LINES

INTRODUCTION OF THE BIO IMPLANT CORE V2 AND K-CORE V2 LINES

KRISTAL is proud to introduce the Core V2 and K-Core V2 internal hex implant solutions.

The term V2, which means "second version", is intended to symbolise the transition from the historic and reliable Bio Implant line with internal hexagon to a revised and updated one that meets the current needs of dentists and dental technicians.

The "V2" line, in fact, marks the achievement of Bio Implant's maturity: with unique features, it summarises the best knowledge in the field of implant prosthetics.

The Core V2 and K-Core V2 lines are the result of the development of mechanical concepts that are well established in the dental world and set the benchmark for implant surgery in terms of quality, ergonomics and a fair price.

The lines feature implants with variable incremental diameters all with the same platform and implant connection, to facilitate their use during the prosthetic stages.

Core V2 and K-Core V2 implants have a single prosthetic connection for all implant diameters, except for the CORE V2 Ø2.9 and K-CORE V2 Ø3.5 which have their own platform, allowing the interchangeability of prosthetic components.



CORE V2 Implant Ø 3.5 mm and K-CORE V2 Implant Ø 3.8 mm

THREE EMERGENCE PROFILES FOR A BETTER PROSTHETIC SOLUTION

The prosthetic components are available in three different configurations (Narrow NR - Regular RG - Wide WD) with three emergence profiles to best meet the different aesthetic and functional requirements. The addition of new prosthetic components adapted to new dental technology completes the line, making it versatile in its applications.



NARROW

REGULAR

WIDE

BENEFITS

- Same prosthetic platforms on all diameters (excluding CORE V2 Ø2.9 and K-CORE V2 Ø3.5 implants).
- Mount-free implant with ergonomic direct screwdriver which acts as driver and carrier (CORE V2 Ø2.9 and K-CORE V2 Ø3.5 implants are supplied with an attaching device that can be used as a transfer pick-up and straight abutment - MTA³).
- Available with Double Acid Etching (DAE) surface:
 - Classic (glossy neck),
 - TDE surface (complete treatment),
 - Simple Surface (variable treatment quota as a function of height).
- Extended range of available diameters and lengths.
- Interchangeable prosthetic components, available in three configurations:

NARROW

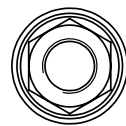
REGULAR

WIDE



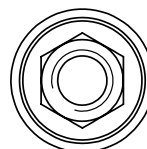
DIAMETERS	CORE V2
CORE V2 Ø 2.9	
CORE V2 Ø 3.5	
CORE V2 Ø 3.75	
CORE V2 Ø 4.2	
CORE V2 Ø 4.7	
CORE V2 Ø 5.2	

DIAMETERS	K-CORE V2
K-CORE V2 Ø 3.5	
K-CORE V2 Ø 3.8	
K-CORE V2 Ø 4.2	
K-CORE V2 Ø 4.5	
CORE V2 Ø 5.5	



**IMPLANT CONNECTION
CORE V2 Ø 2.9 AND K-CORE V2 Ø 3.5**

Dedicated platform Ø 3.4 mm



STANDARDISED CONNECTION

Standard platform Ø 3.5 mm with 45° conical seal for all diameters of the core V2 and K-Core V2 line (excluding CORE V2 Ø 2.9 implants and K-CORE V2 Ø 3.5 implant).

INDICATIONS FOR IMPLANT TREATMENT

The Bio Implant implant-prosthetic was designed with innovative features for treating single, multiple and complete edentulism. The operating method and instrumentation are designed to achieve that particular intimate contact between bone tissue and implant, which we know as osseointegration.

GENERAL PROTOCOLS FOR THE APPROACH TO IMPLANT THERAPY

ANAMNESIS:

- Health status of the patient
- Patient motivations and expectations with regard to implantology
- Patient habits: smoking, alcohol use any other bad habit
- Parafunctions
- Oral hygiene skills
- Residual dental and periodontal condition
- Occlusal condition of the patient

A correct assessment of these factors is a key factor for a basic predictability of the result. The presence of severe dysmetabolic diseases such as particular forms of diabetes, or dysmetabolic forms of calcium-phosphorus exchange, serious forms of osteoporosis, localised dimensional insufficiency of bone tissue, make the patient unsuitable for implant treatment.

Heart diseases, kidney failure, use of anticoagulants or haemophilia and allergies may be limiting factors for the use of implants or, in any case, they are all cases to be carefully assessed and followed up with the branch specialist.

RADIOGRAPHIC AND CLINICAL EXAMINATION

- Appropriate radiographic investigations (intraoral X-ray-orthopantomography-CAT SCAN) in order to analyse the skeletal features of jaws
- Dimensional ratios of face, smile and aesthetics
- Study models and diagnostic wax-ups

A distinction should be made:

- Complete edentulism
- Partial edentulism
- Anterior edentulism
- Distal edentulism
- Atrophies
- Position of the alveolar nerve
- Maxillary sinus and nasal cavities
- Nasopalatine nerve
- premaxillary interactions

DRAWING THE IMPLANT PROJECT

Based on the elements collected during the objective examination and instrumental investigations, it is advisable to draw the planned implant project also with the help of a panoramic X-ray, indicating in addition to the measurements of the chosen implant, the thickness and height of the alveolar ridge. The resulting drawing will allow an immediate overview of the patient's situation both to re-evaluate the case in the period before and during the procedure.

CONTRAINDICATIONS TO IMPLANT TREATMENT

- Recent high-dose radiotherapy
- Psychological disorders
- Altered metabolism
- Lack of motivation
- ANY mucous and bone lesions should be treated before placing the implants
- Post-operative treatment

Pharmacological therapies are administered at the clinician's discretion.

Rinses with chlorhexidine 0.2% products, an ice pack on the outside of the treated area (on the cheek) at 10 to 15 minute intervals can reduce post-operative oedema. Have regular check-ups with a specialist.

PREPARATION OF THE SURGICAL SITE - PERFORATION TECHNIQUE

The implant site preparation technique must be performed in a way that is atraumatic to the bone tissue. In particular, it is important to remember that during perforation, the heat produced must not exceed a temperature of 43°C, as this would trigger a process of denaturation of the proteins in the bone tissue with a consequent negative outcome for the healing of the site itself; in fact, the subsequent necrosis and formation of fibrous connective tissue would compromise osseointegration leading to the loss of the implant. Correct preparation of the implant site is achieved by sequential passes of calibrated drills with incremental diameters, using controlled speeds and irrigation with physiological solution. The drills must be driven by a contra-angle handpiece connected to a micromotor and an implantology unit with torque control, which allows adjustment of the rotation speed of the drill and operation of the irrigation pump in a sterile circuit.

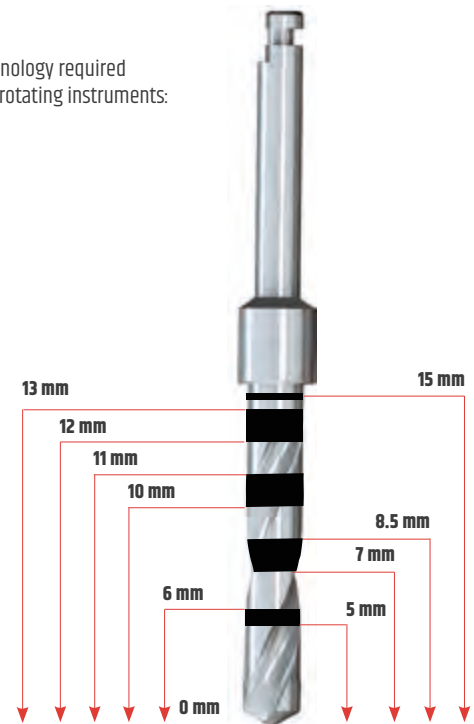
TABLE OF SUGGESTED SPEEDS

INITIAL DRILL 800-1000 rpm	Ø 2 mm DRILL 200-600 rpm	DRILL 200-300 rpm
COUNTERSINK 100-200 rpm	TAPPER 30 rpm 40-70 Ncm	IMPLANT 15-40 rpm 25-45 Ncm

MAIN FEATURES OF BIO IMPLANT DRILLS

Bio Implant developed the technology required for producing very high quality rotating instruments:

- High-impact cutting bit with triple sharpening with differentiated corners
- Laser technology for coding the millimetric markers for a better visibility
- Increased resistance of cutting bit



USE OF THE COUNTERSINK WITH DEPTH STOP FOR CORE V2

Countersink with depth stop - Image 1

The use of the countersink with depth stop is recommended for flush implant placement (Classic and Simple surfaces).

Countersink without depth stop - Image 2

The countersink without depth stop allows implants to be placed below the cortical surface. The countersink should be used after the end drill and inserted until the marker is no longer visible.

TDE implants MUST be inserted with the COUNTERSINK WITHOUT DEPTH STOP.



Image 1
Countersink with depth stop



Image 2
Countersink without depth stop

TA2 DEVICE (PICK-UP TRANSFER / STRAIGHT ABUTMENT)

Ti Gr4 device that can be used as a transfer for the pick-up technique, using the dedicated screw and as a temporary straight abutment. Screws are included in the sales package.



TA2 device
used as
Transfer Pick up



TA2 device
used as Temporary
straight abutment

IMPLANTS		NARROW	REGULAR
	CODE	V2 TP MD NR	V2 TP MD RG
	CORE V2	∅ 3.5 mm / ∅ 3.75 mm	∅ 4.2 mm / ∅ 4.7 mm / ∅ 5.2 mm
	K-CORE V2	∅ 3.8 mm / ∅ 4.2 mm	∅ 4.5 mm / ∅ 5.5 mm

TRANSFER SCREW



PLATFORM	
∅ 3.4	VTT
∅ 3.5	

TITANIUM PROSTHETIC SCREW (LABORATORY)



PLATFORM	1 PCS.	4 PCS.
∅ 3.4	VTP 29	VTP 29-4
∅ 3.5	VTP	VTP-4

DEFINITIVE TITANIUM PROSTHETIC SCREW (DLC-COATED HEAD)



PLATFORM	
∅ 3.4	VTPD 29
∅ 3.5	VTPD

IMPLANTS AND INDICATIONS

CORE V2 INTERNAL HEXAGON CYLINDRICAL IMPLANTS

CORE V2 cylindrical implants are available with two different surface types:

SIMPLE - CLASSIC Surface

DIAMETERS		SIMPLE			CLASSIC	
		COLOUR CODE	TOTAL HEIGHT	CODE		CODE
CORE V2 Ø 2.9 Neck Ø 3.4 mm Coils Ø 2.9 mm Platform Ø 3.4 mm Apex Ø 2.3 mm			8.5 mm	-	V2 IC 2985-C	
			10 mm	-	V2 IC 2910-C	
			12 mm	-	V2 IC 2912-C	
			13 mm	-	V2 IC 2913-C	
			15 mm	-	V2 IC 2915-C	
CORE V2 Ø 3.5 Neck Ø 3.8 mm Coils Ø 3.5 mm Platform Ø 3.5 mm Apex Ø 2.6 mm			8.5 mm	-	V2 IC 3585-C	
			10 mm	V2 IC 3510-S	V2 IC 3510-C	
			12 mm	V2 IC 3512-S	V2 IC 3512-C	
			13 mm	V2 IC 3513-S	V2 IC 3513-C	
			15 mm	-	V2 IC 3515-C	
CORE V2 Ø 3.75 Neck Ø 4.2 mm Coils Ø 3.75 mm Platform Ø 3.5 mm Apex Ø 2.8 mm			7 mm		V2 IC 3770-C	
			8.5 mm	V2 IC 3785-S	V2 IC 3785-C	
			10 mm	V2 IC 3710-S	V2 IC 3710-C	
			12 mm	V2 IC 3712-S	V2 IC 3712-C	
			13 mm	V2 IC 3713-S	V2 IC 3713-C	
15 mm	V2 IC 3715-S	V2 IC 3715-C				
CORE V2 Ø 4.2 Neck Ø 4.5 mm Coils Ø 4.2 mm Platform Ø 3.5 mm Apex Ø 3.3 mm			7 mm		V2 IC 4270-C	
			8.5 mm	V2 IC 4285-S	V2 IC 4285-C	
			10 mm	V2 IC 4210-S	V2 IC 4210-C	
			12 mm	V2 IC 4212-S	V2 IC 4212-C	
			13 mm	V2 IC 4213-S	V2 IC 4213-C	
15 mm	V2 IC 4215-S	V2 IC 4215-C				
CORE V2 Ø 4.7 Neck Ø 5 mm Coils Ø 4.7 mm Platform Ø 3.5 mm Apex Ø 3.7 mm			7 mm		V2 IC 4770-C	
			8.5 mm	V2 IC 4785-S	V2 IC 4785-C	
			10 mm	V2 IC 4710-S	V2 IC 4710-C	
			12 mm	V2 IC 4712-S	V2 IC 4712-C	
			13 mm	V2 IC 4713-S	V2 IC 4713-C	
15 mm	V2 IC 4715-S	V2 IC 4715-C				
CORE V2 Ø 5.2 Neck Ø 5.5 mm Coils Ø 5.2 mm Platform Ø 3.5 mm Apex Ø 4.2 mm			8.5 mm	-	V2 IC 5285-C	
			10 mm	-	V2 IC 5210-C	
			12 mm	-	V2 IC 5212-C	
			13 mm	-	V2 IC 5213-C	



UPPER	CORE V2 Ø 2.9	CORE V2 Ø 3.5	CORE V2 Ø 3.75	CORE V2 Ø 4.2	CORE V2 Ø 4.7	CORE V2 Ø 5.2
CENTRAL INCISORS	●	●	●	●	●	●
LATERAL INCISORS	●	●	●	●	●	●
CANINES	●	●	●	●	●	●
PREMOLARS	●	●	●	●	●	●
MOLARS	●	●	●	●	●	●
LOWER	CORE V2 Ø 2.9	CORE V2 Ø 3.5	CORE V2 Ø 3.75	CORE V2 Ø 4.2	CORE V2 Ø 4.7	CORE V2 Ø 5.2
CENTRAL INCISORS	●	●	●	●	●	●
LATERAL INCISORS	●	●	●	●	●	●
CANINES	●	●	●	●	●	●
PREMOLARS	●	●	●	●	●	●
MOLARS	●	●	●	●	●	●

● Optimal use ● Not recommended use ● Discretionary use



HEALING ABUTMENT

PLATFORM	TRANSMUCOSAL HEIGHT	NARROW	REGULAR	WIDE
Ø 3.5 (single)	h 2 mm	V2 PGNR2	V2 PGRG2	V2 PGWD2
	h 4 mm	V2 PGNR4	V2 PGRG4	V2 PGWD4
	h 6 mm	V2 PGNR6	V2 PGRG6	V2 PGWD6

PLATFORM	TRANSMUCOSAL HEIGHT	STANDARD PROFILE
Ø 3.4 (for CORE V2 implants Ø 2.9 and K-CORE V Ø 3.5)	h 2 mm	V2 PG292
	h 4 mm	V2 PG294
	h 6 mm	V2 PG296

CORE V2 SURGICAL PROCEDURES

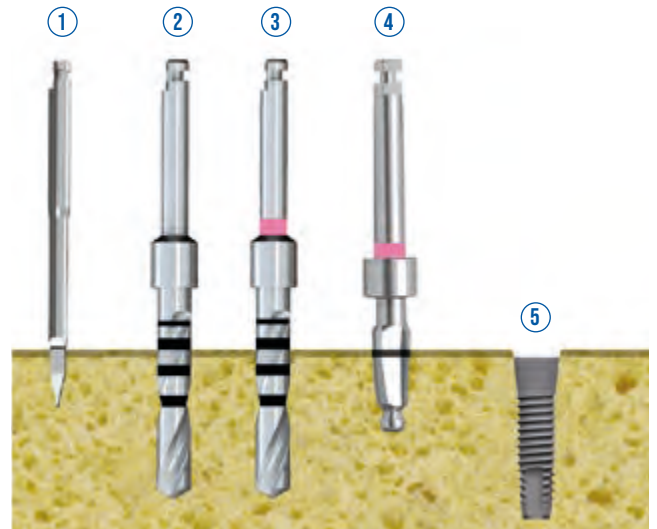


CORE V2 Ø 2.9 *

Key:

- ① initial drill
- ② Ø 2 mm drill
- ③ Ø 2.5 mm end drill
- ④ Ø 2.9 mm countersink drill
- ⑤ implant insertion

Note: Use the taperer if required in D1-D2 bone before placing the implant

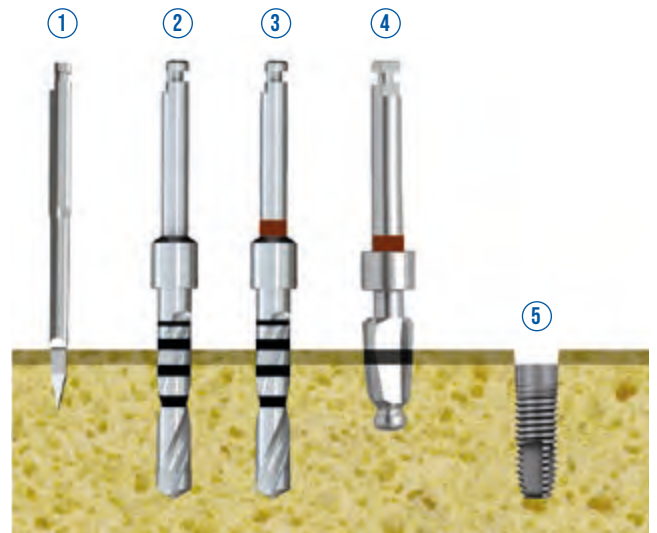


CORE V2 Ø 3.5 *

Key:

- ① initial drill
- ② Ø 2 mm drill
- ③ Ø 2.8 mm end drill
- ④ Ø 3.5 mm countersink drill
- ⑤ implant insertion

Note: Use the taperer if required in D1-D2 bone before placing the implant

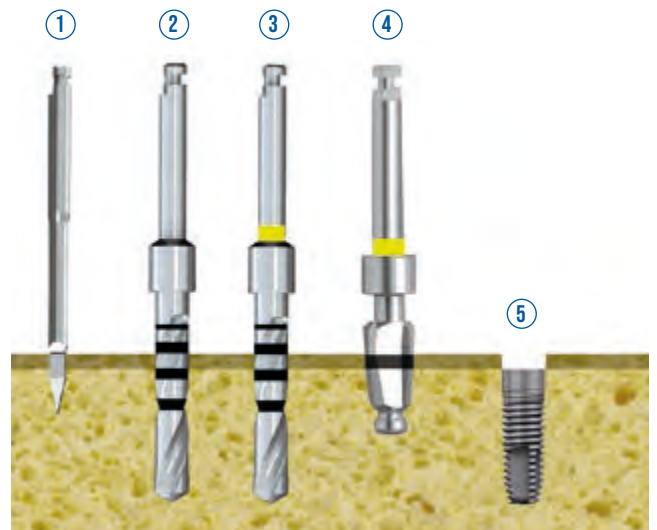


CORE V2 Ø 3.75 *

Key:

- ① initial drill
- ② Ø 2 mm drill
- ③ Ø 3 mm end drill
- ④ Ø 3.75 mm countersink drill
- ⑤ implant insertion

Note: Use the taperer if required in D1-D2 bone before placing the implant



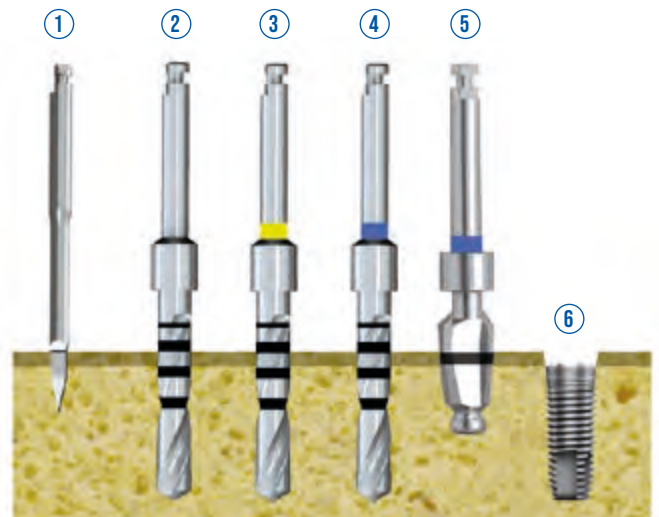
CORE V2 Ø 4.2 *



Key:

- ① initial drill
- ② Ø 2 mm drill
- ③ Ø 3 mm drill
- ④ Ø 3.65 mm end drill
- ⑤ Ø 4.2 mm countersink drill
- ⑥ implant insertion

Note: Use the taper if required in D1-D2 bone before placing the implant



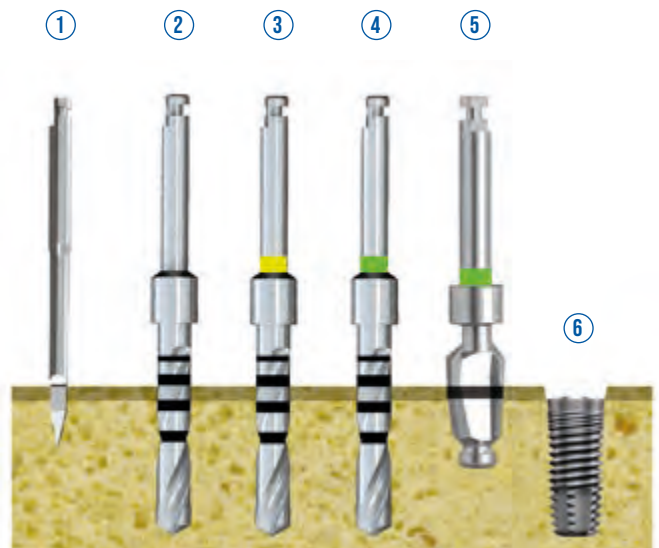
CORE V2 Ø 4.7 *



Key:

- ① initial drill
- ② Ø 2 mm drill
- ③ Ø 3 mm drill
- ④ Ø 3.85 mm end drill
- ⑤ Ø 4.7 mm countersink drill
- ⑥ implant insertion

Note: Use the taper if required in D1-D2 bone before placing the implant



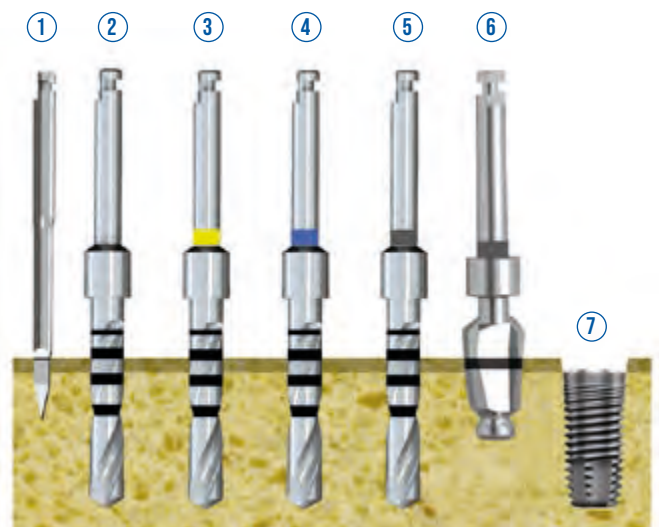
CORE V2 Ø 5.2 *



Key:

- ① initial drill
- ② Ø 2 mm drill
- ③ Ø 3 mm drill
- ④ Ø 3.65 mm drill
- ⑤ Ø 4.20 mm drill
- ⑥ Ø 5.2 mm countersink drill
- ⑦ implant insertion

Note: Use the taper if required in D1-D2 bone before placing the implant












* The indications given in this section are not intended to replace the necessary training and knowledge of operators, nor their personal experience.

IMPLANTS AND INDICATIONS INDICATIONS FOR K-CORE V2 INTERNAL HEXAGON CONICAL IMPLANTS

K-CORE V2 conical implants are available with two different surface treatments:

CLASSIC - TDE Surface

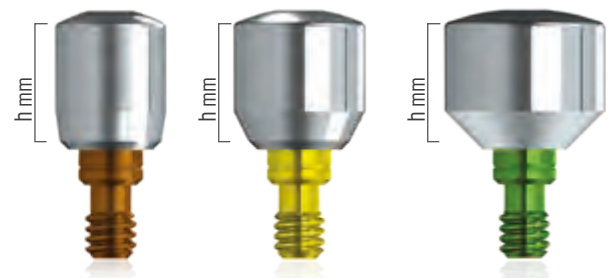
DIAMETERS		COLOUR CODE	TOTAL HEIGHT	CLASSIC CODE	TDE CODE
K-CORE V2 Ø 3.5 Neck Ø 3.5 mm Platform Ø 3.5 mm Apex Ø 1.6 mm			10 mm	V2 IK3510-C	-
			12 mm	V2 IK3512-C	-
			13 mm	V2 IK3513-C	-
			15 mm	V2 IK3515-C	-
K-CORE V2 Ø 3.8 Neck Ø 3.8 mm Platform Ø 3.5 mm Apex Ø 1.6 mm			8.5 mm	V2 IK3885-C	V2 IK3810-T
			10 mm	V2 IK3810-C	V2 IK3812-T
			12 mm	V2 IK3812-C	V2 IK3813-T
			13 mm	V2 IK3813-C	V2 IK3815-T
			15 mm	V2 IK3815-C	
			17 mm	V2 IK3817-C	
K-CORE V2 Ø 4.2 Neck Ø 4.2 mm Platform Ø 3.5 mm Apex Ø 1.8 mm			8.5 mm	V2 IK4285-C	V2 IK4210-T
			10 mm	V2 IK4210-C	V2 IK4212-T
			12 mm	V2 IK4212-C	V2 IK4213-T
			13 mm	V2 IK4213-C	V2 IK4215-T
			15 mm	V2 IK4215-C	
			17 mm	V2 IK4217-C	
K-CORE V2 Ø 4.5 Neck Ø 4.5 mm Platform Ø 3.5 mm Apex Ø 2.2 mm			10 mm	V2 IK4510-C	V2 IK4510-T
			12 mm	V2 IK4512-C	V2 IK4512-T
			13 mm	V2 IK4513-C	V2 IK4513-T
			15 mm	V2 IK4515-C	V2 IK4515-T
K-CORE V2 Ø 5.5 Neck Ø 5.5 mm Platform Ø 3.5 mm Apex Ø 2.9 mm			10 mm	V2 IK5510-C	V2 IK5510-T
			12 mm	V2 IK5512-C	V2 IK5512-T
			13 mm	V2 IK5513-C	V2 IK5513-T
			15 mm	V2 IK5515-C	

IMPLANTS AND INDICATIONS INDICATIONS FOR K-CORE V2 INTERNAL HEXAGON IMPLANTS

UPPER	Ø 3.5	Ø 3.8	Ø 4.2	Ø 4.5	Ø 5.5
CENTRAL INCISORS	●	●	●	●	●
LATERAL INCISORS	●	●	●	●	●
CANINES	●	●	●	●	●
PREMOLARS	●	●	●	●	●
MOLARS	●	●	●	●	●
LOWER	Ø 3.5	Ø 3.8	Ø 4.2	Ø 4.5	Ø 5.5
CENTRAL INCISORS	●	●	●	●	●
LATERAL INCISORS	●	●	●	●	●
CANINES	●	●	●	●	●
PREMOLARS	●	●	●	●	●
MOLARS	●	●	●	●	●

● Optimal use ● Not recommended use ● Discretionary use

IMPLANTS AND INDICATIONS HEALING ABUTMENT



TRANSMUCOSAL HEIGHT	NARROW	REGULAR	WIDE
h 2 mm	V2 PGNR2	V2 PGRG2	V2 PGWD2
h 4 mm	V2 PGNR4	V2 PGRG4	V2 PGWD4
h 6 mm	V2 PGNR6	V2 PGRG6	V2 PGWD6

PLATFORM	TRANSMUCOSAL HEIGHT	STANDARD PROFILE
Ø 3.4 (for CORE V2 Ø 2.9 and K-CORE V2 Ø 3.5 implants)	h 2 mm	V2 PG292
	h 4 mm	V2 PG294
	h 6 mm	V2 PG296

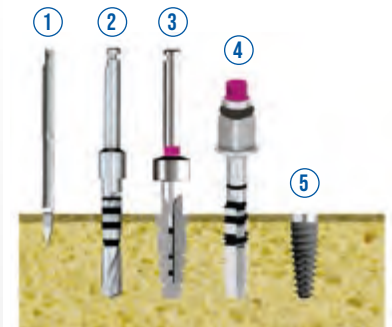


K-CORE V2 Ø 3.5 *

Key:

- ① initial drill
- ② Ø 2 mm drill
- ③ Ø 3.5 mm drill
- ④ Ø 3.5 mm taper
- ⑤ implant insertion

Note: Do not use the taper in the presence of poor quality bone (D4)

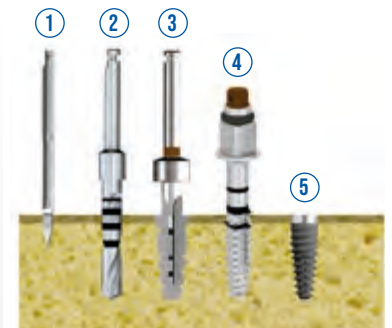


K-CORE V2 Ø 3.8 *

Key:

- ① initial drill
- ② Ø 2 mm drill
- ③ Ø 3.8 mm drill
- ④ Ø 3.8 mm taper
- ⑤ implant insertion

Note: Do not use the taper in the presence of poor quality bone (D4)



K-CORE V2 Ø 4.2 *

Key:

- ① initial drill
- ② Ø 2 mm drill
- ③ Ø 3.8 mm drill
- ④ Ø 4.2 mm drill
- ⑤ Ø 4.2 mm taper
- ⑥ implant insertion

Note: Do not use the taper in the presence of poor quality bone (D4)

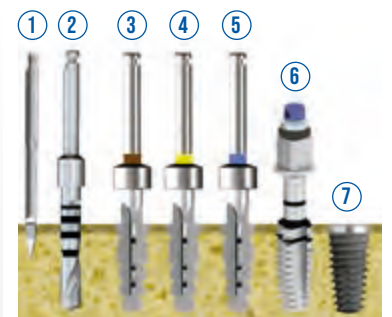


K-CORE V2 Ø 4.5 *

Key:

- ① initial drill
- ② Ø 2 mm drill
- ③ Ø 3.8 mm drill
- ④ Ø 4.2 mm drill
- ⑤ Ø 4.5 mm drill
- ⑥ Ø 4.5 mm taper
- ⑦ implant insertion

Note: Do not use the taper in the presence of poor quality bone (D4)



K-CORE V2 Ø 5.5 *

Key:

- ① initial drill
- ② Ø 2 mm drill
- ③ Ø 4.2 mm drill
- ④ Ø 4.5 mm drill
- ⑤ Ø 5.5 mm drill
- ⑥ Ø 5.5 mm taper
- ⑦ implant insertion

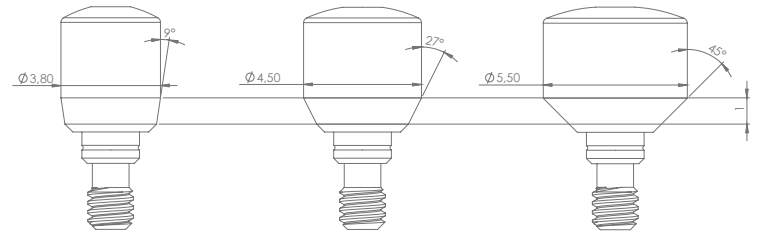
Note: Do not use the taper in the presence of poor quality bone (D4)



* For the TDE surface, place the implant at least 0.5 mm below the bone crest. The indications given in this section are not intended to replace the necessary training and knowledge of operators, nor their personal experience.

CORE V2 K-CORE V2 PROSTHETIC COMPONENTS

Prosthetic components, with the exception of the Ø 3.4 platform (fuchsia), come in three different configurations and three different colours as specified below:



The NARROW line has a "narrow" emergence profile, suitable for the rehabilitation of crowns with the same characteristics (lower incisors, premolars)

The REGULAR line has a "medium" emergence profile suitable for the rehabilitation of crowns with the same characteristics (upper incisors, canines, premolars)

The WIDE line provides a "wide" emergence profile suitable for the rehabilitation of crowns requiring the same characteristics (molars)

Each line includes transfers and abutments with the same emergence profile (Narrow, Regular and Wide) in order to condition soft tissue healing, impression taking and prosthetic restoration. It is therefore mandatory to use all components belonging to the same "configuration": healing abutment, impression transfer and abutment. The use of a configuration of mixed components (NR-RG-WD) is not recommended.

RECOMMENDED USE OF PROSTHETIC COMPONENTS

	NARROW						REGULAR						WIDE					
K-CORE V2 Ø 3.5	K-CORE V2 Ø 3.8	K-CORE V2 Ø 4.2	K-CORE V2 Ø 4.5			K-CORE V2 Ø 5.5												
CORE V2 Ø 2.9	CORE V2 Ø 3.5	CORE V2 Ø 3.75	CORE V2 Ø 4.2			CORE V2 Ø 4.7										CORE V2 Ø 5.2		

COLOUR CODING

For Core V2 and K-Core V2 lines, the colour coding is the following:

- Colouring of the labels displayed on implant packaging and prosthetic components
- Colouring of prosthetic components based on emergency profiles (narrow - regular - wide)
- Application of colour rings on dedicated drills

IMPLANTS

CORE V2	K-CORE V2	COLOUR
Ø 2.9	Ø 3.5	FUCHSIA
Ø 3.5	Ø 3.8	BRONZE
Ø 3.75	Ø 4.2	YELLOW
Ø 4.2	Ø 4.5	BLUE
Ø 4.7	-	GREEN
Ø 5.2	Ø 5.5	GREY

PROSTHETIC COMPONENTS

PROFILES	COLOUR
Ø 3.4	FUCHSIA
NARROW	BRONZE
REGULAR	YELLOW
WIDE	GREEN

PICK-UP TECHNIQUE IMPRESSION TRANSFER (OPEN TRAY)



PLATFORM	NARROW	REGULAR	WIDE
Ø 3.5 (single)	V2 TPNR	V2 TPRG	V2 TPWD
PLATFORM	STANDARD PROFILE		
Ø 3.4 (for CORE V2 Ø 2.9 and K-CORE V2 Ø 3.5 implants)	V2 TP29		

- After removing the healing abutment or the provisional prosthesis, carefully place the transfer onto the implant ensuring that it is housed correctly, tighten it with the transfer screw to lock it in its position.
- Test the individual tray size for interference when inserting and removing the tray.
- The individual tray, which the laboratory will have previously performed at the implants' position, may need further adjustments to eliminate any interference during positioning and removal of the tray itself.
- Fill the tray with the chosen material and place it carefully in the mouth, taking care that the transfer screws protrude from the holes drilled in the individual tray.
- After the impression material is settled, unscrew and remove the transfer screws and remove the impression following the axis of insertion; the transfers will remain embedded in the impression material.
- The dental technician will place laboratory analogs on the transfers, secure them with the transfer screws by repositioning them "in the holes" of the perforated tray and then cast the master model according to the chosen technique.

PULL-UP TECHNIQUE IMPRESSION TRANSFER (CLOSED TRAY)



PLATFORM	NARROW	REGULAR	WIDE
Ø 3.5 (single)	V2 TSNR	V2 TSRG	V2 TSWD
PLATFORM	STANDARD PROFILE		
Ø 3.4 (for implants Ø 2.9) and K-CORE V2 Ø 3.5	V2 TS29		

- After removing the healing abutment or provisional prosthesis, carefully place the transfer onto the implant, ensuring that it is seated correctly and tighten it with the specific screw to secure it in place.
- Choose the standard tray, try it without material to ensure that there is no interference and continue with impression.
- After the material is settled, remove the tray following the axis of insertion; the transfers will remain anchored to the implants.
- Remove the transfers by unscrewing the specific screw and deliver them to the laboratory, separated from the impression.
- The laboratory will place a laboratory analog corresponding to the implant used on each pull-up transfer and then place the assembled transfer and laboratory analog in the impression. It will then develop the master model according to the chosen technique.

PICK-UP REMOVABLE IMPRESSION TRANSFER



DESCRIPTION	CODE
Short	V2 TSF-S
Standard	V2 TSF

LABORATORY ANALOG



PLATFORM	UNIQUE
Ø 3.5 (single)	V2 AL
PLATFORM	STANDARD PROFILE
Ø 3.4	V2 AL29

Note: Reusing the analog several times is not recommended

PEEK ABUTMENT FOR PROVISIONAL SOLUTIONS



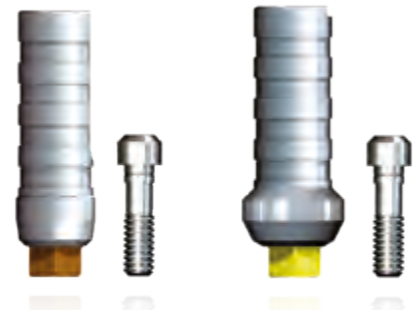
PLATFORM	NARROW	REGULAR
∅ 3.5 (single)	V2 MPNR-P	MPRG-P

TITANIUM CYLINDER WITHOUT ROTATIONAL HEXAGON*



PLATFORM	NARROW	REGULAR
∅ 3.5 (single)	V2 CPNR-TR	V2 CPRG-TR
PLATFORM	STANDARD PROFILE	
∅ 3.4 (for ∅ 2.9 implants, for CORE V2 implants ∅ 2.9 and K-CORE V2 ∅ 3.5)	V2 CP29-TR	

TITANIUM CYLINDER WITH NON-ROTATIONAL HEXAGON



PLATFORM	NARROW	REGULAR
∅ 3.5 (single)	V2 CPNR-T	V2 CPRG-T



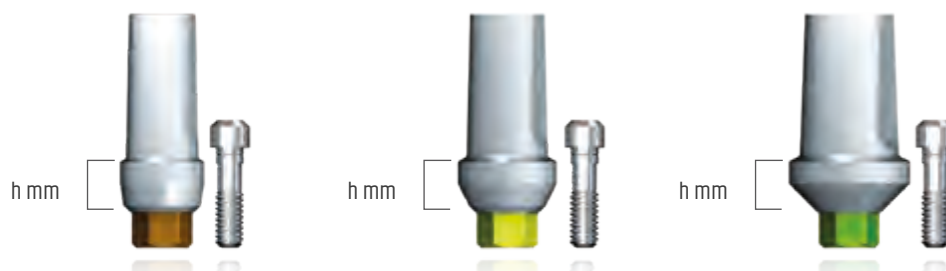
FINISHING TITANIUM ABUTMENT *

PLATFORM	HEIGHT	SINGLE
∅ 3.5 (single)	h 9 mm	V2 MF9
	h 10 mm	V2 MF10
	h 11 mm	V2 MF11

Note: use definitive prosthetic screws for final tightening of the prostheses.

* Ideal tightening torque for titanium prosthetic screw: 25 Ncm

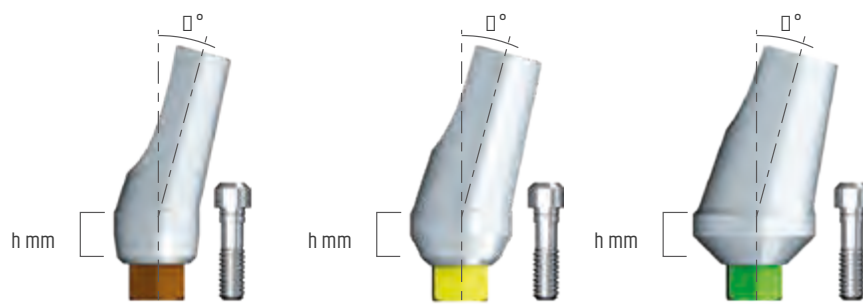
STRAIGHT TITANIUM ABUTMENT *



PLATFORM	HEIGHT	NARROW	REGULAR	WIDE
Ø 3.5 (single)	h 2 mm	V2 MDNR2	V2 MDRG2	V2 MDWD2
	h 4 mm	V2 MDNR4	V2 MDRG4	V2 MDWD4

PLATFORM	HEIGHT	STANDARD PROFILE
Ø 3.4 (for implants Ø 2.9, for CORE V2 Ø 2.9 and K-CORE V2 Ø 3.5 implants)	h 2 mm	V2 MD292
	h 4 mm	V2 MD294

PRE-ANGLED TITANIUM ABUTMENT *



PLATFORM	ANGLE	HEIGHT	NARROW	REGULAR	WIDE
Ø 3.5 (single)	15°	h 2 mm	V2 MANR2-15	V2 MARG2-15	V2 MAWD2-15
		h 4 mm	V2 MANR4-15	V2 MARG4-15	-
	25°	h 2 mm	V2 MANR2-25	V2 MARG2-25	V2 MAWD2-25
		h 4 mm	V2 MANR4-25	V2 MARG4-25	-

PLATFORM	ANGLE	HEIGHT	STANDARD PROFILE
Ø 3.4 (for CORE V2 Ø 2.9 and K-CORE V2 Ø 3.5 implants)	15°	h 2 mm	V2 MA292-15
		h 4 mm	V2 MA294-15



CALCINABLE ABUTMENT*

PLATFORM	CONNECTION	NARROW	REGULAR
Ø 3.5 (single)	with hexagon (non-rotational)	V2 MCNR	MCRG
	without hexagon (rotational)	V2 MCNR-R	-

PLATFORM	CONNECTION	STANDARD PROFILE
Ø 3.4 (for CORE V2 Ø 2.9 and K-CORE V2 Ø 3.5 implants)	with hexagon (non-rotational)	MC29
	without hexagon (rotational)	MC29-R

ABUTMENT FOR BONDING*

PLATFORM	CONNECTION	REGULAR
Ø 3.5 (single)	with hexagon (non-rotational)	V2 MI
	without hexagon (rotational)	V2 MI-R



For the fabrication of full crowns made of lithium disilicate and/or feldspar, the calcinable cylinder modelled with scan wax can be used. The crowns thus obtained must be bonded to the Titanium cylinder with dedicated cements.



ABUTMENT FOR BARS*

It enables the fabrication of anchoring structures for removable prostheses on implants.

It consists of three components suitable for providing anchorage bars for overdentures:

- small titanium base with anti-rotational connection
- calcinable cannula
- through screw

Indications for use:

- Place the titanium bases on the model at the implant sites, screw the calcinable cannulae onto the bases and carry out the modelling and casting the finished structure.
- Once the structure is made, place the titanium bases on the implants, checking the accuracy of the engagement and continue with the screwing of the anchorage bar.

PLATFORM	HEIGHT	NARROW
Ø 3.5 (single)	h 2 mm	V2 MB NR-2
	h 4 mm	V2 MB NR-4

PLATFORM	HEIGHT	STANDARD PROFILE
Ø 3.4 (for CORE V2 implants Ø 2.9 and K-CORE V2 Ø 3.5)	h 2 mm	MB292
	h 4 mm	MB294

CALCINABLE ABUTMENT COBALT CHROME BASE

PROCESSING

The CoCr cast-on abutment and its calcinable portion consist of a metal cast-on alloy base and a calcinable cap. The white calcinable part can be cut and shortened as required. If a part of the white calcinable material is left untouched, it should be in any case covered with a thin layer of wax in order to avoid possible cracks in the coating due to the expansion of the material when the cylinder is overheated. Customisation and modelling will be carried out in the usual dental technique using wax or calcinable resins. The calcinable portion is deliberately separated from the metal portion to allow wax to be poured into it in a very fluid form, so as to perfectly trace the closing edge between the two components. In order to avoid the classic line between the two metals after casting, a "seam" by laser welding of the two metals should be taken in consideration; it is important to keep the minimum wall thickness above 0.4 mm. The connection and closure portion between the abutment and the implant must be absolutely free of any resin, wax or grease residues in order to avoid any cast-on in this area, which must not be affected by the new metal.

COATING

It is advisable to use only phosphate-bonded, i.e. gypsum-free, coatings suitable for casting metal-based alloys. Air bubbles must not form during the casting of the coating, as these can create defects or points of reduced mechanical strength.

PREHEATING

It is good practice to follow the instructions of the coating and alloy manufacturer, whose directions/advice are the result of experience and research, so it is worth following them. The final temperature must be maintained: a 3x cylinder must be kept at temperature for 45 minutes to ensure that the casting is complete in all its parts.

MELTING OR CASTING

To avoid problems with the metal base, avoid going above 1390°C during casting.

COOLING

Allow the cylinder to cool to room temperature, because too rapid cooling may lead to stresses in the metal and thus problems.

	ISO 5832-12 (%)
Carbon (C)	0,045
Silicon (Si)	0,39
Manganese (Mn)	0,43
Chromium (Cr)	27,76
Nickel (Ni)	0,17
Iron (Fe)	0,45
Nitrogen (N)	0,18
Molybdenum (Mo)	5,08
Cobalt (Co)	Remainder



CODE	DESCRIPTION
FA-BN-00	CrCo base abutment with straight castable cylinder
FA-BN-01	CrCo base abutment with straight rotational castable cylinder
FA-TR-00	Prosthetic screw with CrCo base straight (spare)
PH-20-25	Screwdriver hexagon Ø1.20 H.25
ADMA	Manual adapter for contra-angle keys

CYLINDER OPENING

After the temperature has fallen, carry out the opening of the cylinder: gently remove the coating, possibly with the help of glass beads, with a maximum pressure of 2 bar; higher pressures may change the connection of the CoCr base and make it less accurate.

Never use hydrofluoric acid to remove the coating!

Never sandblast the implant connection.

FINISHING

Once cast, abutment can be finished with ceramic-bonded stones/discs or cross-tooth tungsten carbide burs. To protect the connection during finishing, the abutment must be mounted on a laboratory analog. Never use hydrofluoric acid to remove oxides! Use cotton discs for a final polish.

AESTHETIC COATINGS

If the abutments are to receive an aesthetic cover, look at the particularities of the ceramic (CET value) and the alloy. This alloy has a melting point between 1360 and 1390 °C.

To ensure that the ceramic is compatible with the Co-Cr abutment, it must have a coefficient of expansion of no less than $14.1 \times 10^{-6} \text{ cm/cm/}^\circ\text{C}$ at 500 °C. An incorrect selection of the ceramic type may lead to cracks and thus also to crown fracture.

Use ceramics with coefficients of expansion greater than $13.8 \times 10^{-6} \text{ cm/cm/}^\circ\text{C}$.

SIDE EFFECTS

In rare cases, allergies or hypersensitive reactions to the metal alloy cannot be excluded. Always tell your dentist the type of abutment and the alloys you are using.

	ISO 5832-12	Min IPD	Max IPD
Traction resistance (Mpa)	>1172	1377	1428
Elastic Limit (Mpa)	>827	998	1030
Elongation (%)	>12	14	22
Hardness (HRC)		45.9	46.6



CODE	DESCRIPTION
FA-BN-10	CrCo base abutment with 15° angled castable cylinder
FA-BN-11	CrCo base abutment with rotational 15° angled castable cylinder
FA-TR-50	Prosthetic Screw Angled CrCo Torx Base (Spare)
KA-CT-25	Screwdriver tip Torx L.25
ADMA	Manual adapter for contra-angle keys

Note: use definitive prosthetic screws for final tightening of the prostheses.



SCAN-BODY/SCAN-ABUTMENT

DESCRIPTION	CODE
For Toronto	SBT
For CORE V2 Ø2.9 and K-CORE V2 Ø3.5	V2SB29
Narrow	V2SB



TI-BASE CORE V2

DESCRIPTION	CODE
For CORE V2 Ø2.9 and K-CORE V2 Ø3.5 (rotational)	V2 TB 29-R
For CORE V2 Ø2.9 and K-CORE V2 Ø3.5 (rotational)	V2 TB 29
Narrow (rotational)	V2 TB NR-R
Narrow (non-rotational)	V2 TB NR
Toronto	TBT



CAD CAM ANALOGS - CORE V2

DESCRIPTION	CODE
for CORE V2 Ø2.9 and KCORE V2 Ø3.5 implants	V2 AL 29-CC
Ø3.5 mm (single)	V2 AL-CC
for Toronto	ALT-CC



V2 PREMILLED

DESCRIPTION	CODE
Platform Ø3.4 mm (for CORE V2 Ø2.9 and KCORE V2 Ø3.5 implants)	V2 PR 29
Platform Ø 3.5 mm	V2 PR



LOCATOR® ATTACHMENT

Locator is a resilient attachment for endo-osseous implants. The Locator system is suitable for correcting disparallelisms in prosthetic rehabilitation by means of total or partial overdentures. Use on a single implant is not recommended.

PLATFORM	HEIGHT	CODE
Ø 3.5 (single)	h 1 mm	FA-LN-01
	h 2 mm	FA-LN-02
	h 3 mm	FA-LN-03
	h 4 mm	FA-LN-04

Ideal tightening torque: 30 Ncm

ACCESSORIES



DESCRIPTION	CODE
TRANSFER LOCATOR Pack of 4.	PD-8505-4
LOCATOR LABORATORY ANALOG Pack of 1.	PS-AR-00



Tip for inserting
and removing of attachments

Handle

Attachment screwdriver

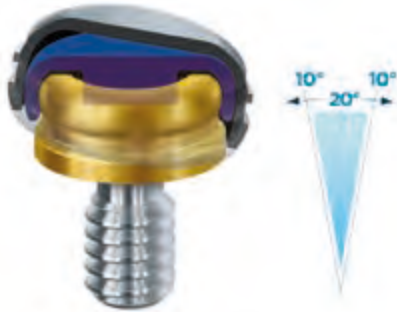
CORE TOOL LOCATOR

Tool for inserting and removing attachments,
complete with tip and driver for screwing.

LL-PS-01

LOCATOR ATTACHMENT KIT®

Blister packs containing each: 1 plastic spacer ring, 1 steel cap, 1 black laboratory attachment, 3 coloured plastic attachments in 3 different retentions



STANDARD ATTACHMENTS

For implants with 10° to 20° divergence disparallelisms between the two implants.



680 g



1360 g



2268 g

MEASURES

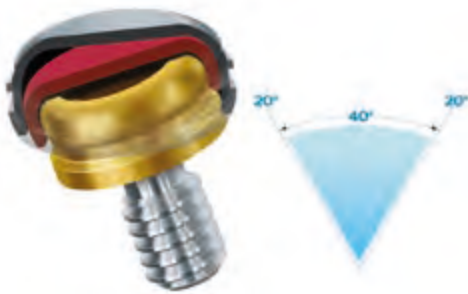
CODE

Standard Kit (BLUE, GREY, TRANSPARENT attachments)

KA-CL-02

EXTENDED RANGE ATTACHMENTS

For implants with 20° to 40° divergence disparallelisms between the two implants.



453 g



907 g



1814 g

MEASURES

CODE

Extended Range Kit (green, red, orange attachments)

KA-CL-03

MEASURES

Replacement Locator® Standard attachment - Pack of 8.

Replacement Locator® Extended attachment - Pack of 4.



Blue
Retention 680 g

Cod. KA-CL-10



Grey
Retention 1360 g

Cod. KA-CL-11



Transparent
Retention 2268 g

Cod. KA-CL-12



Green
Retention 1360 g
(20° inclination)
Retention 1814 g
(40° inclination)

Cod. KA-CL-06



Red
Retention 226 g
(20° inclination)
Retention 453 g
(40° inclination)

Cod. KA-CL-04



Orange
Retention 907 g
(40° inclination)

Cod. KA-CL-05



DESCRIPTION

CODE

Replacement spacer ring - Pack of 20.

8514

Replacement metal cap (Ti)

KA-CL-00

CORE V2 K-CORE V2 BALL ATTACHMENTS



BALL ATTACHMENT

PLATFORM	HEIGHT	NARROW
\varnothing 3.5 (single)	h 0 mm	V2 PSNR0
	h 1 mm	V2 PSNR1
	h 2 mm	V2 PSNR2
	h 4 mm	V2 PSNR4

PLATFORM	HEIGHT	STANDARD PROFILE
\varnothing 3.4 (for \varnothing 2.9 implants, for CORE V2 \varnothing 2.9 and K-CORE V2 \varnothing 3.5 implants)	h 0 mm	PS290
	h 1 mm	PS291
	h 2 mm	PS292
	h 4 mm	PS294

Ball Attachment Ideal tightening torque: 30 Ncm

SCREWDRIVERS* RECOMMENDED FOR TIGHTENING THE BALL ATTACHMENT



MANUAL / RATCHET	CODE
Stainless steel	AV26M-N
CONTRA-ANGLE	CODE
Stainless steel	AV26CA

Can be used to screw straight Toronto Abutment and Ball attachment.

RHEIN CAPS (NORMO)

Pack of 6 pcs. per colour



Pink
soft
retention 900g
40CC001



Yellow
extra soft
retention 500g
40CC002



Green
elastic
retention 350g
40CC003



Grey
standard
retention 1300g
40CC004

RHEIN CONTAINERS

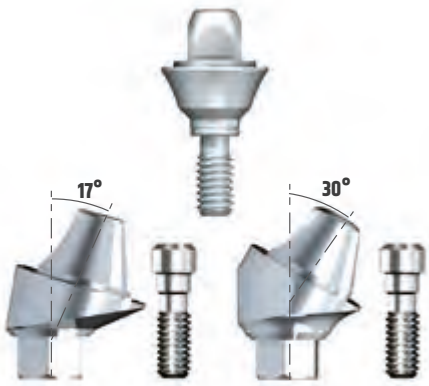
Pack of 2 per material



Stainless steel
40CC005

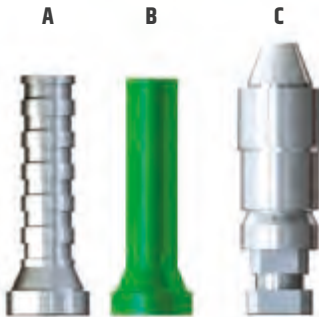


Titanium
40CC006



TORONTO TITANIUM ABUTMENT*

MEASURES	CODE
CORE V2 Implants on a \varnothing 3.5 (single) platform	
Straight - h 2 mm	V2 MT 2
Straight - h 4 mm	V2 MT 4
Angled 17°	V2 MT-17
Angled 30°	V2 MT-30
Angled 17° with extended transmucosal path	V2 MTP-17
Angled 30° with extended transmucosal path	V2 MTP-30
Angled 45°	V2 MT-45
Definitive angled Toronto prosthetic screw	VTPTD single
	VTPTD-4 4-pack



TORONTO ACCESSORIES

PEEK HEALING CAP	CODE
Peek healing cap	CMT
Extended Peek healing cap	CMT-P

TORONTO CYLINDERS	CODE
Package includes long screw and micro screw	
Stainless steel cylinder (A)	CT-I
	CT-IS
Titanium Cylinder (A)	CT-T
	CT-TS
Calcinable cylinder (B)	CT-C

TORONTO ANALOG	CODE
Toronto Analog	ALT

TORONTO SCREW	CODE
Micro	VTMT
Long	VTLT

BONE PROFILING DRILL AND GUIDE SCREW	CODE
Complete package	FPO-VG

SCREWDRIVERS FOR STRAIGHT TORONTO ABUTMENT	CODE
Can be used to screw straight Toronto Abutment and Ball attachment.	
Contra-angle handpiece	AV26 CA
Manual	AV26 M-N



Ideal tightening torque for Straight Toronto abutment is 30 Ncm, for angled Toronto screw is 25 Ncm.

CORE V2 K-CORE V2 DRILLS AND SURGICAL ACCESSORIES

CORE V2 DRILLS



INITIAL DRILL	CODE
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For corticotomy; preparation depth 6 mm.

FI



SUPER CUT DRILL	CODE
-----------------	------

Ø 2 mm drill	FSC2
Ø 2.5 mm drill (fuchsia ring)	FSC 25-F-3T
Ø 2.8 mm drill (bronze ring)	FCSC 28-C-3T
Ø 3.0 mm drill (yellow ring)	FSC 3-Y-3T
Ø 3.65 mm drill (blue ring)	FSC 36-B-3T
Ø 3.85 mm drill (green ring)	FSC 38-G-3T
Ø 4.2 mm drill (grey ring)	FSC42-N-3T

STOPS FOR SUPER CUT CORE V2 DRILLS



FOR DRILLS	Ø 2 mm	Ø 2.5 mm	Ø 2.8 mm	Ø 3.0 mm	Ø 3.65 mm	Ø 3.85 mm	Ø 4.2 mm
h 7 mm	ST SC 2-70	-	ST SC 28C-70	ST SC 3Y-70	ST SC 36B-70	ST SC 38G-70	-
h 8.5 mm	ST SC 2-85	ST SC 25 F-85	ST SC 28C-85	ST SC 3Y-85	ST SC 36B-85	ST SC 38G-85	ST SC 42N-85
h 10 mm	ST SC 2-10	ST SC 25 F-10	ST SC 28C-10	ST SC 3Y-10	ST SC 36B-10	ST SC 38G-10	ST SC 42N-10
h 12 mm	ST SC 2-12	ST SC 25 F-12	ST SC 28C-12	ST SC 3Y-12	ST SC 36B-12	ST SC 38G-12	ST SC 42N-12
h 13 mm	ST SC 2-13	ST SC 25 F-13	ST SC 28C-13	ST SC 3Y-13	ST SC 36B-13	ST SC 38G-13	ST SC 42N-13
h 15 mm	ST SC 2-15	ST SC 25 F-15	ST SC 28C-15	ST SC 3Y-15	ST SC 36B-15	ST SC 38G-15	ST SC 42N-15

CORE V2 COUNTERSINK

DEPTH STOP FOR CORE V2 COUNTERSINK



DESCRIPTION	CODE
For Ø 2.9 implant (fuchsia ring)	V2 SV 29-F
For Ø 3.5 implant (bronze ring)	V2 SV 35-C
For Ø 3.75 implant (yellow ring)	V2 SV 37-Y
For Ø 4.2 implant (blue ring)	V2 SV 42-B
For Ø 4.7 implant (green ring)	V2 SV 47-G
For Ø 5.2 implant (grey ring)	V2 SV 52-N

DESCRIPTION	CODE
For Ø 2.9 implant	ST SV 29
For Ø 3.5 implant	ST SV 35
For Ø 3.75 implant	ST SV 37
For Ø 4.2 implant	ST SV 42
For Ø 4.7 implant	ST SV 47
For Ø 5.2 implant	ST SV 52

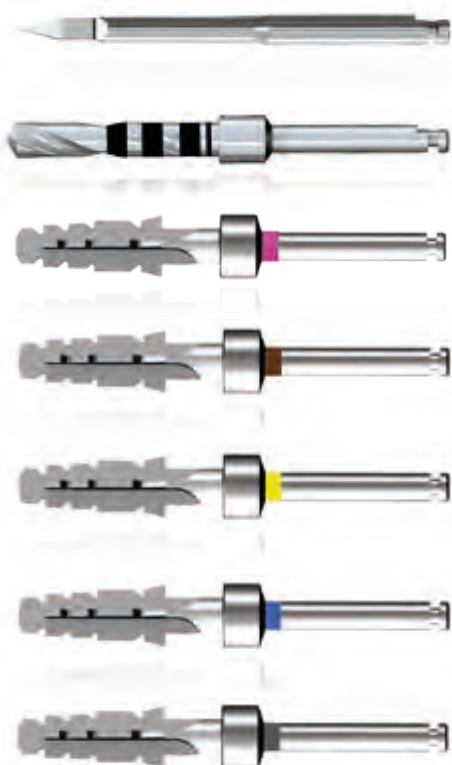
CORE V2 TAPPER



DESCRIPTION	CODE
For Ø 2.9 implant (fuchsia)	V2 FMC 29-F
For Ø 3.5 implant (bronze)	V2 FMC 35-C
For Ø 3.75 implant (yellow)	V2 FMC 37-Y
For Ø 4.2 implant (blue)	V2 FMC 42-B
For Ø 4.7 implant (green)	V2 FMC 47-G
For Ø 5.2 implant (grey)	V2 FMC 52-N

Cod. ACM

K-CORE V2 DRILLS



INITIAL DRILL	CODE
---------------	------

For corticotomies; preparation depth 6 mm	FI
---	----

SUPER CUT DRILL	CODE
-----------------	------

Ø 2 mm drill	FSC2
--------------	------

DRILL FOR Ø 3.5 IMPLANT (fuchsia ring)					
--	--	--	--	--	--

	h 10 mm	h 12 mm	h 13 mm	h 15 mm	
	FK 3510	FK 3512	FK 3513	FK 3515	

DRILL FOR Ø 3.8 IMPLANT (bronze ring)					
---------------------------------------	--	--	--	--	--

h 8.5 mm	h 10 mm	h 12 mm	h 13 mm	h 15 mm	h 17 mm
FK 3885	FK 3810	FK 3812	FK 3813	FK 3815	FK 3817

DRILL FOR Ø 4.2 IMPLANT (yellow ring)					
---------------------------------------	--	--	--	--	--

h 8.5 mm	h 10 mm	h 12 mm	h 13 mm	h 15 mm	h 17 mm
FK 4285	FK 4210	FK 4212	FK 4213	FK 4215	FK 4217

DRILL FOR Ø 4.5 IMPLANT (blue ring)					
-------------------------------------	--	--	--	--	--

h 8.5 mm	h 10 mm	h 12 mm	h 13 mm	h 15 mm	h 17 mm
-	FK 4510	FK 4512	FK 4513	FK 4515	-

DRILL FOR Ø 5.5 IMPLANT (grey ring)					
-------------------------------------	--	--	--	--	--

h 8.5 mm	h 10 mm	h 12 mm	h 13 mm	h 15 mm	h 17 mm
-	FK 5510	FK 5512	FK 5513	FK 5515	-

STOP FOR K-CORE V2 DRILLS

HEIGHT		8.5 mm	10 mm	12 mm	13 mm	15 mm
Ø 2 mm Super Cut Drill		STSC 2-85	STSC 2-10	STSC 2-12	STSC 2-13	STSC 2-15
Ø 3.8 mm drill				STFK 38C		
Ø 4.2 mm drill				STFK 42Y		
Ø 4.5 mm drill				STFK 45B		
Ø 5.5 mm drill				ST FK 55N		

K-CORE V2 TAPPER



DESCRIPTION	CODE
-------------	------

For Ø 3,5 implant (fuchsia)	V2 FMK 35-F
For Ø 3,8 implant (bronze)	V2 FMK 38-C
For Ø 4,2 implant (yellow)	V2 FMK 42-Y
For Ø 4,5 implant (blue)	V2 FMK 45-B
For Ø 5,5 implant (grey)	V2 FMK 55-N

CORE V2 AND K-CORE V2 ACCESSORIES



PARALLELISM PIN CODE

Single package ID

MANUAL SCREWDRIVER CODE

Hexagonal **1.2 mm bit**

Short - Length **19 mm** AV 1219 C

Long - Length **24 mm** AV 1224 C

(can also be used with a dynamometric ratchet)

CONTRA-ANGLE SCREWDRIVER CODE

Hexagonal **1.2 mm bit**

Length 18 mm	Length 25 mm
PH-20-18	PH-20-25

ADMA hand adaptor

UNIVERSAL DIGITAL BEZEL CODE

Ø 12	GUD12
Ø 16	GUD16

CONTRA-ANGLE SCREWDRIVER FOR CORE V2 Ø2.9 AND K-CORE V2 Ø3.5 IMPLANT MOUNT CODE

Short - Length **19 mm** AV 3419 CA

CONNECTOR FOR MTA3 CODE

Length 11 mm	Length 21 mm
CPDG11	CPDG21

DIRECT CONNECTOR CODE

Manual - length 8 mm CDCRID8

Manual - length 19 mm CDCRID19

Contra-angle handpiece - length 8 mm CDC8

Contra-angle handpiece - length 19 mm CDC19

EXTENSION FOR DRILLS CODE

For use with drills only PF

SURGICAL INSTRUMENTS



DESCRIPTION	CODE
Titanium DEPTH GOUGE	SND
STEEL MOUNT KEY	CHM
DYNAMOMETRIC RATCHET: suitable for tightening prosthetic screws and inserting the implants.	CRID

BONE EXPANDERS



DESCRIPTION	CODE
Expander kit: 1 hand ratchet, 1 initial drill, 1 \varnothing 2 mm drill, 1 contra-angle screwdriver, 2 ratchet connectors (8 mm and 14 mm) and 1 manual screwdriver	EO-SK
Blue expander	EO-B
Fuchsia expander	EO-F
Yellow expander	EO-Y
Green expander	EO-G

ACCESSORIES



DESCRIPTION	CODE
STEEL TREPHINE CORE DRILL (max. length 30 mm)	
Outer \varnothing 4.75 mm - Inner \varnothing 4 mm	FC47
Outer \varnothing 5.75 mm - Inner \varnothing 5 mm	FC57
Outer \varnothing 6.75 mm - Inner \varnothing 6 mm	FC67
Outer \varnothing 8.75 mm - Inner \varnothing 8 mm	FC87

CORE V2 K-CORE V2 MODULAR SURGICAL TRAY

SURGICAL KIT

Plastic box with removable internal trays, complete with all the surgical instruments required for implant placement. The sequence of use of surgical instruments is simplified by colour coding.

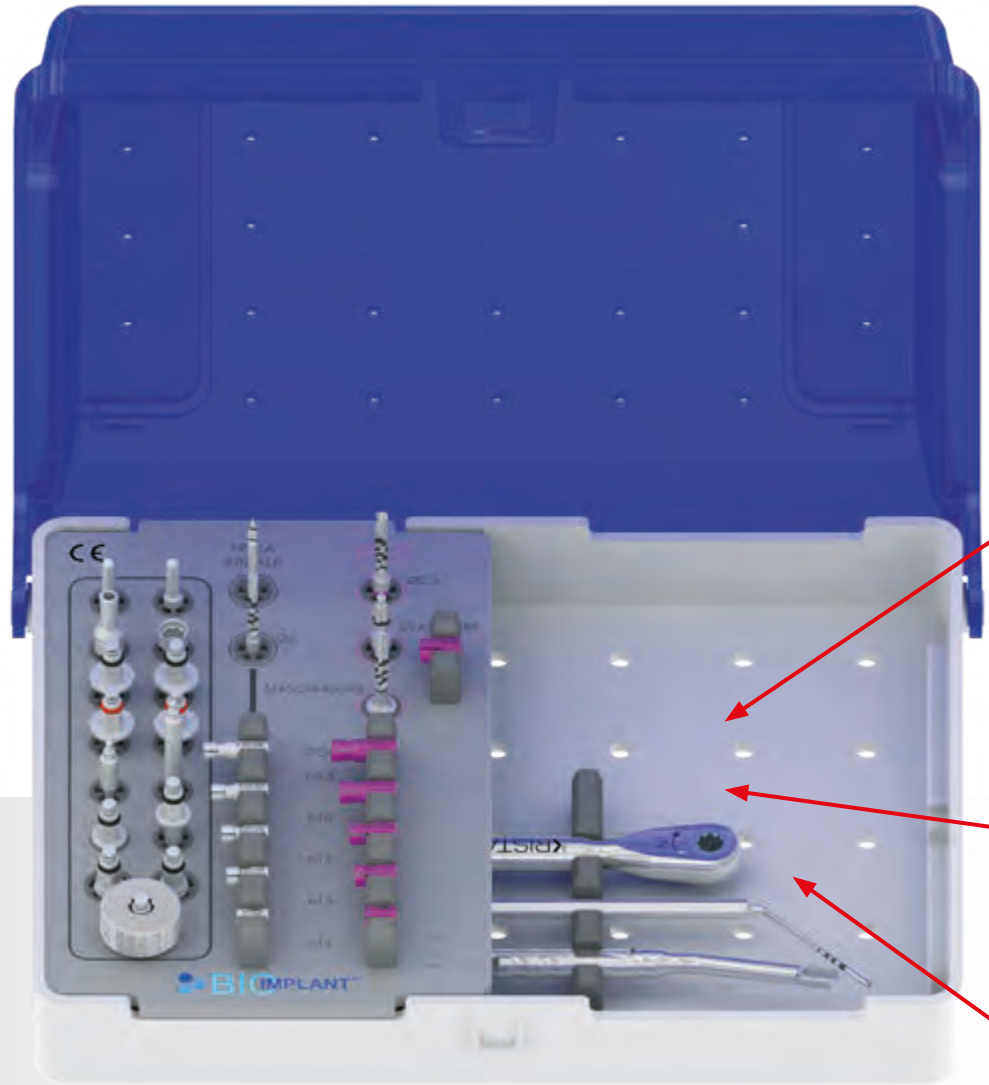
- Ergonomic, light and compact, easy to carry
 - Silicone supports prevent movement of the instruments during transport
 - Measuring marks for a control check
 - Simple, intuitive design with laser-engraved measurements
 - Simplified and optimised cleaning thanks to silicone supports flush with the tray (Grommets - Less Insert®)*
- Autoclaved at 121 °C with a minimum exposure of 30 minutes and a drying cycle of 15 minutes.

The modular box which can contain 2 trays, consists of the basic tray (see picture) equipped with all the accessory and necessary instruments that can be used for both Core V2 and K-Core V2 implants plus the probe instruments, dynamometric ratchet and Mount key housed in the part below the tray and removable; the box can be completed, according to requirements, with the standard and/or special tray for the Core V2 line standard and/or special tray for the Core V2 line or with the line or with the standard tray for the K-Core V2 line,

Description of trays on the opposite page.

BASIC TRAY

- Corticotomy drill
- Initial drill Ø mm 2
- Super Cut drill Ø mm 2,5
- Countersink for Core V2 implant Ø 2.9
- Ø 2.9 Core V2 implant taper
- Depth stop for Super-Cut drill (h mm 8.5; 10; 12; 13; 15)
- Depth stop for taper Ø 2.9
- Parallelism Pin - 2 pz.
- Extension for drills
- Adapter for contra-angle handpiece
- Manual screwdriver/hexagon ratchet 1.20 mm (short and long)
- Universal digital bezel (GUD)



- Implant pick-up device for contra-angle handpiece connection (short and long)
- Implant pick-up device for ratchet (short and long)
- Connector for universal digital bezel or ratchet

BASIC TRAY

CODE MB-C



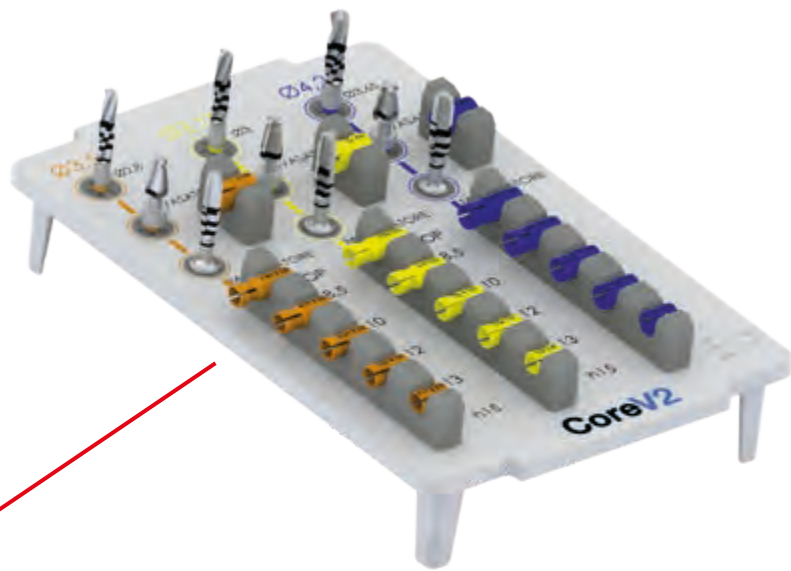
**EMPTY BOX
FOR 2 TRAYS**

CODE TM



**EMPTY BOX
FOR 1 TRAYS**

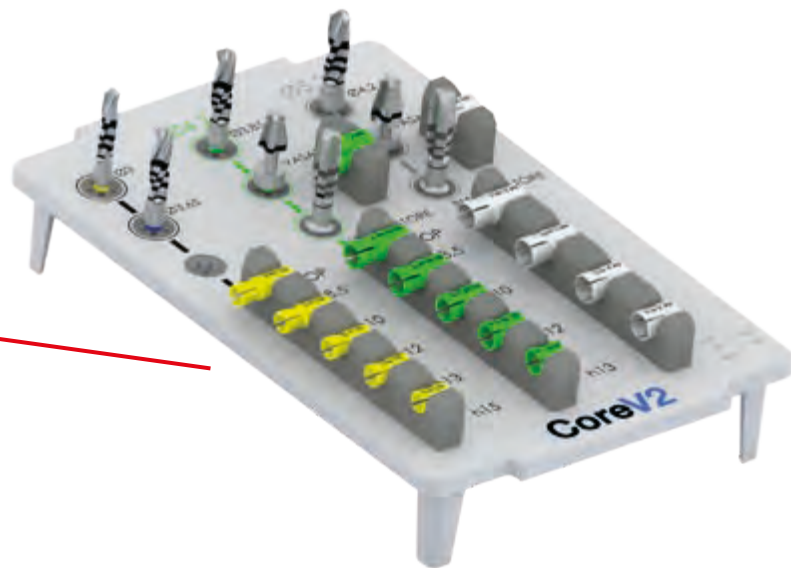
CODE TS



CORE V2 STANDARD TRAY

- Super-Cut drills (\emptyset mm 2,8; 3,0; 3,65)
- Depth stop for Super-Cut drill (h mm 8,5; 10; 12; 13; 15)
- Countersinks for Core V2 implants \emptyset 3,5; \emptyset 3,75; \emptyset 4,2
- Depth stop for countersink \emptyset 3,5; \emptyset 3,75; \emptyset 4,2
- Tappers for Core V2 implants \emptyset 3,5; \emptyset 3,75; \emptyset 4,2

CODE V2ST-C



CORE V2 SPECIAL TRAY

- Super-Cut drills (\emptyset mm 3,0; 3,65; 3,85; 4,2)
- Depth stop for Super-Cut cutter (h mm 8,5; 10; 12; 13; 15)
- Countersinks for Core V2 implants \emptyset 4,7 and \emptyset 5,2
- Depth stop for countersink \emptyset 4,7 and \emptyset 5,2
- Core V2 implant tappers \emptyset 4,7 and \emptyset 5,2

CODE V2SP-C



K-CORE V2 STANDARD TRAY

- K-Core V2 implant drills \emptyset 3,8 (h mm 10; 12; 13; 15)
- K-Core V2 implant drills \emptyset 4,2 (h mm 10; 12; 13; 15)
- K-Core V2 implant drills \emptyset 4,5 (h mm 10; 12; 13; 15)
- K-Core V2 implant drills \emptyset 5,5 (h mm 10; 12; 13; 15)
- Depth stop for drills (\emptyset 3,8; 4,2; 4,5; 5,5)
- K-Core V2 implant tappers \emptyset 3,8; 4,2; 4,5; 5,5

CODE KV2ST-C

CLASSIC

Surface



PLUS IMPLANTS

Cylindrical implant with external hexagon in Titanium Grade 4 for the submerged technique with Double Acid Etching (DAE) surface.

The external hexagon connection is still the most versatile prosthetic connection mechanism for bar or Toronto screwed prostheses.

The morphology of the PLUS implant, coil pitch, implant core, neck and hexagon diameter, corresponds to the most established mechanical standards with long-term follow-up.

The PLUS implant also has atraumatic apices and discharge apical millings that make it self-centring.

The PLUS implant is made according to the dictates of the most recent literature with particular attention to the reduction of the peri-implant bone loss developed according to the following concepts of new technology and macrogeometry:

- **BICUSPID THREAD**
- **MINIMUM COMPRESSION IN DENSE BONE**
- **PRE-ASSEMBLED MOUNTING DEVICE ON THE IMPLANT**



1

PLUS MTA³ INDICATIONS

THE MTA³ MULTIFUNCTIONAL PRE-ASSEMBLED MOUNT

The mount is made of Grade 4 Titanium and has the same strength features of the available prosthetic components. Its shape allows it to be used as pick-up transfer and straight abutment.

ADVANTAGES:

- SIMPLIFICATION OF PROCEDURES
- REDUCTION OF PROSTHETIC COSTS

FIRST STAGE: IMPRESSION

Remove the O-ring from the upper frame and replace the pre-assembled screw with a transfer screw, the mount has all the characteristics to be used as a impression transfer using open custom tray technique (Pick up).

SECOND STAGE: PROVISIONAL OR DEFINITIVE PROSTHESIS

Remove using a separating disc the upper (square) portion of the mount and replace the mount screw with a prosthetic screw; the dental technician can use the mount as a straight titanium abutment.



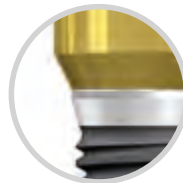
SURGICAL MOUNT
With mount screw

TRANSFER MOUNT
with transfer screw

ABUTMENT MOUNT
with prosthetic screw

Phase 1

Phase 2



**SWITCHING
PLATFORM**




**BICUSPID
THREAD**



**ROOT
FORM**


TITANIUM MTA³ MOUNTING DEVICE

		DESCRIPTION	CODE
		Plus implants (Ø 3.25 - 3.75 - 4.0) Platform Ø 4.1 mm	PLDM 41
		Plus Implants (Ø 5.0) Platform Ø 5.0 mm	PLDM 50

TRANSFER SCREW

	Ø PLUS	Ø 3.25	Ø 3.75	Ø 4.0	Ø 5.0	-
	CODE	40 PL 125				

TITANIUM PROSTHETIC SCREW

	Ø PLUS	Ø 3.25	Ø 3.75	Ø 4.0	Ø 5.0	-
	CODE - 1 PC.	40 PL 126				
	CODE - 4 PC.	40 PL 195				

DEFINITIVE TITANIUM PROSTHETIC SCREW (DLC COATED HEAD)

	CODE - 1 PC.	PLVTPD
	CODE - 4 PC.	PLVTPD-4

PLUS
CYLINDRICAL PLUS IMPLANTS WITH EXTERNAL HEXAGON

Cylindrical Plus implants are available with Classic surface types
 Surface **DOUBLE ACID ETCHING (DAE)**

DIAMETERS			CLASSIC
<p>PLUS Ø 3.25 Coils Ø 3.25 mm Platform Ø 4.1 mm Apex Ø 2.7 mm</p> 	TOTAL HEIGHT		CODE
	<p>8.5 mm 10 mm 12 mm 13 mm 15 mm</p>	<p>40 PL 001 40 PL 002 40 PL 003 40 PL 004 40 PL 173</p>	
<p>PLUS Ø 3.75 Coils Ø 3.75 mm Platform Ø 4.1 mm Apex Ø 2.8 mm</p> 	TOTAL HEIGHT		CODE
	<p>7 mm 8.5 mm 10 mm 12 mm 13 mm 15 mm</p>	<p>40 PL 006 40 PL 007 40 PL 008 40 PL 010 40 PL 011 40 PL 012</p>	
<p>PLUS Ø 4.0 Coils Ø 4.0 mm Platform Ø 4.1 mm Apex Ø 3.1 mm</p> 	TOTAL HEIGHT		CODE
	<p>8.5 mm 10 mm 12 mm 13 mm 15 mm</p>	<p>40 PL 028 40 PL 029 40 PL 030 40 PL 031 40 PL 032</p>	
<p>PLUS Ø 5.0 Coils Ø 5.0 mm Platform Ø 5.0 mm Apex Ø 4.0 mm</p> 	TOTAL HEIGHT		CODE
	<p>7 mm 8.5 mm 10 mm 12 mm 13 mm 15 mm</p>	<p>40 PL 041 40 PL 042 40 PL 043 40 PL 045 40 PL 046 40 PL 140</p>	



UPPER	PLUS Ø 3.25	PLUS Ø 3.75	PLUS Ø 4.0	PLUS Ø 5.0
CENTRAL INCISORS	●	●	●	●
LATERAL INCISORS	●	●	●	●
CANINES	●	●	●	●
PREMOLARS	●	●	●	●
MOLARS	●	●	●	●
LOWER	PLUS Ø 3.25	PLUS Ø 3.75	PLUS Ø 4.0	PLUS Ø 5.0
CENTRAL INCISORS	●	●	●	●
LATERAL INCISORS	●	●	●	●
CANINES	●	●	●	●
PREMOLARS	●	●	●	●
MOLARS	●	●	●	●

● Optimal use

● Not recommended use

● Discretionary use

HEALING ABUTMENT		HEIGHT 2 MM	HEIGHT 4 MM	HEIGHT 6 MM
	PLUS Ø 3.25 Platform Ø 4.1 mm	40 PL 060	40 PL 061	40 PL 062
	PLUS Ø 3.75 Platform Ø 4.1 mm			
	PLUS Ø 4.0 Platform Ø 4.1 mm			
	PLUS Ø 5.0 Platform Ø 5.0 mm	40 PL 196	40 PL 197	-

PLUS
SURGICAL PROCEDURES

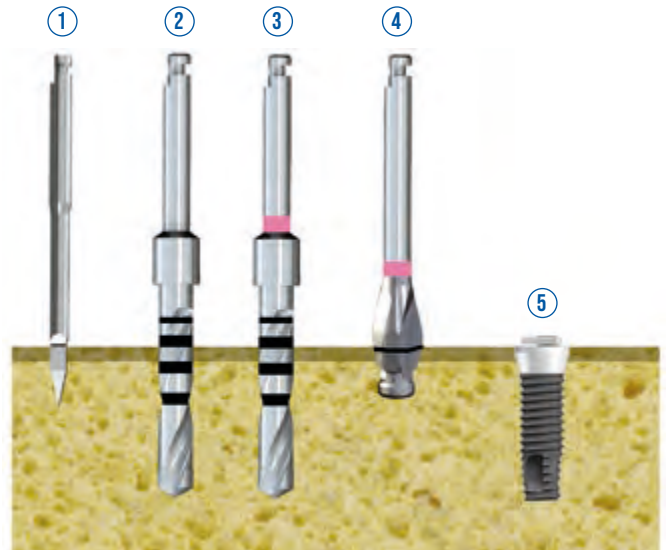


PLUS Ø 3.25

Key:

- ① initial drill
- ② super cut drill Ø 2 mm
- ③ Super cut drill Ø 2.8 mm
- ④ Ø 3.25 mm countersink drill
- ⑤ implant insertion

Note: Use the tapper if required in D1-D2 bone before placing the implant

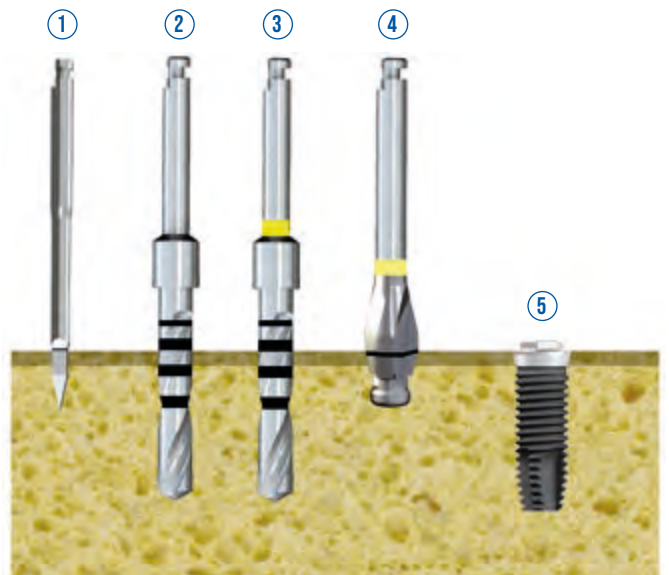


PLUS Ø 3.75

Key:

- ① initial drill
- ② super cut drill Ø 2 mm
- ③ super cut drill Ø 3 mm
- ④ countersink drill Ø 3.75 mm
- ⑤ implant insertion

Note: Use the tapper if required in D1-D2 bone before placing the implant

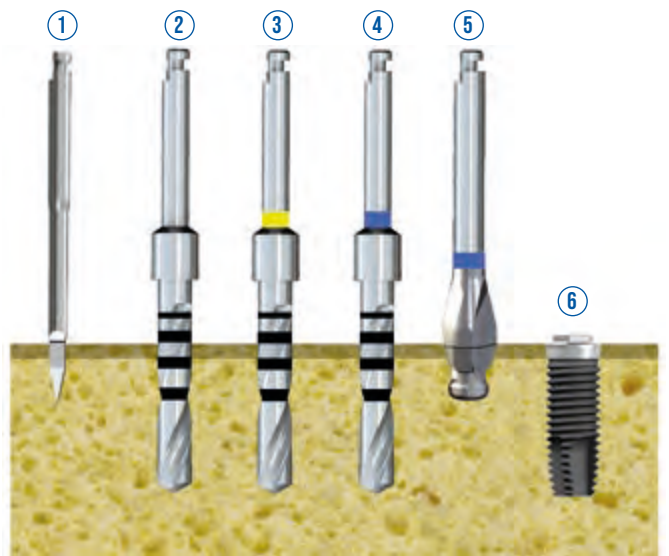


PLUS Ø 4.0

Key:

- ① initial drill
- ② super cut drill Ø 2 mm
- ③ super cut drill Ø 3 mm
- ④ super cut drill Ø 3.3 mm
- ⑤ countersink drill Ø 4 mm
- ⑥ implant insertion

Note: Use the tapper if required in D1-D2 bone before placing the implant



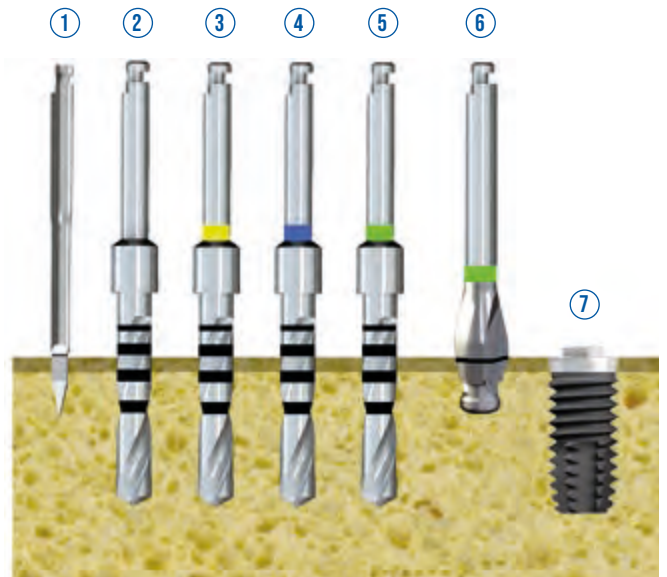


PLUS Ø 5.0

Key:

- ① initial drill
- ② super cut drill Ø 2 mm
- ③ super cut drill Ø 3 mm
- ④ super cut drill Ø 3.3 mm
- ⑤ super cut drill Ø 4.2 mm
- ⑥ countersink drill Ø 5 mm
- ⑦ implant insertion

Note: Use the taper if required in D1-D2 bone before placing the implant



PLUS PROSTHETIC COMPONENTS

COLOUR CODING

For Plus lines, the colour coding is as follows:

- Colour coding of labels on the packaging of implants and prosthetic components
- Colour coding of prosthetic components
- Application of coloured rings on dedicated drills

PLUS	COLOUR
Ø 3.25	FUCHSIA
Ø 3.75	YELLOW
Ø 4.0	BLUE
Ø 5.0	GREEN

TITANIUM IMPRESSION TRANSFER



MEASURES	CODE
Plus implants (Ø 3.25 - 3.75 - 4.0) Platform Ø 4.1 mm	40 AC 170
Plus Implants (Ø 5.0) Platform Ø 5.0 mm	40 AC 173

PICK-UP TECHNIQUE

- After removing the healing abutment or provisional prosthesis, carefully place the transfer onto the implant making sure it is seated correctly and tighten it with the transfer screw to lock it in place.
- Test the individual tray size for interference when inserting and removing the tray.
- The individual tray, previously perforated in laboratory at the implants' position, may need further modification to eliminate any interference during positioning and removal of the tray.
- Fill the tray with the chosen material and place it carefully in the mouth, taking care that the transfer screws protrude from the holes drilled in the individual tray.
- After the impression material is settled, unscrew and remove the transfer screws and remove the impression following the axis of insertion; the transfers will remain embedded in the impression material.
- The dental technician places the laboratory analogs on the transfers, locks them in place with the transfer screws by repositioning them "in the holes" of the perforated tray and then casts the master model according to the chosen technique.



MEASURES	CODE
Plus implants (Ø 3.25 - 3.75 - 4.0) Platform Ø 4.1 mm	40 AC 172
Plus Implants (Ø 5.0) Platform Ø 5.0 mm	40 AC 174

PULL-UP TECHNIQUE

- After removing the healing abutment or provisional prosthesis, carefully place the transfer onto the implant, ensuring that it is seated correctly and tighten it with the transfer screw to secure it in place.
 - Choose the standard tray, try it without material to ensure that there is no interference and continue with impression.
 - After the material is settled, remove the tray following the axis of insertion; the transfers will remain anchored to the implants.
 - Remove the transfers by unscrewing the specific screw and deliver them to the laboratory, separated from the impression.
 - The laboratory will place a laboratory analog corresponding to the implant used on each pull-up transfer and then place the assembled transfer and laboratory analog in the impression.
- It will then develop the master model according to the chosen technique.

TITANIUM LABORATORY ANALOG



MEASURES	CODE
Plus implants (Ø 3.25 - 3.75 - 4.0) Platform Ø 4.1 mm	40 AC 150
Plus Implants (Ø 5.0) Platform Ø 5.0 mm	40 AC 151

Note: it is recommended not to use the analog if it is damaged; do not use it more than three times

TITANIUM CYLINDER FOR PROVISIONAL SOLUTIONS *

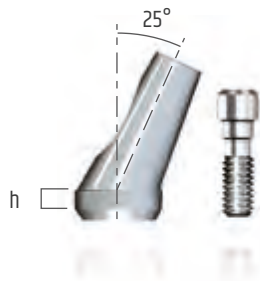
WITH HEXAGON



MEASURES	CODE
Plus implants (Ø 3.25 - 3.75 - 4.0) Platform Ø 4.1 mm	40 PL 088
Plus Implants (Ø 5.0) Platform Ø 5.0 mm	40 PL 187

WITHOUT EXAGON

MEASURES	CODE
Plus implants (Ø 3.25 - 3.75 - 4.0) Platform Ø 4.1 mm	40 PL 089
Plus Implants (Ø 5.0) Platform Ø 5.0 mm	40 PL 189



STRAIGHT TITANIUM ABUTMENT*

TOTAL HEIGHT 9 MM

CODE

Plus implants (Ø 3.25 - 3.75 - 4.0)
Platform Ø 4.1 mm

40 PL 075

Plus Implants (Ø 5.0)
Platform Ø 5.0 mm

40 PL 106

TOTAL HEIGHT 11 MM

CODE

Plus implants (Ø 3.25 - 3.75 - 4.0)
Platform Ø 4.1 mm

40 PL 076

Plus Implants (Ø 5.0)
Platform Ø 5.0 mm

40 PL 107

PRE-ANGLED TITANIUM ABUTMENT*

MEASURES

CODE

Plus implants (Ø 3.25 - 3.75 - 4.0)
Platform Ø 4.1 mm

Angled 15° - h 2 mm

40 PL 179

Angled 15° - h 4 mm

40 PL 181

Angled 25° - h 2 mm

40 PL 180

Angled 25° - h 4 mm

40 PL 182

Plus Implants (Ø 5.0)

Platform Ø 5.0 mm

Angled 15° - h 2 mm

40 PL 191

Angled 15° - h 4 mm

40 PL 193

CALCINABLE ABUTMENT

WITH HEXAGON

MEASURES	CODE
Plus implants (Ø 3.25 - 3.75 - 4.0) Platform Ø 4.1 mm	40 PL 080
Plus Implants (Ø 5.0) Platform Ø 5.0 mm	40 PL 110



WITHOUT EXAGON

MEASURES	CODE
Plus implants (Ø 3.25 - 3.75 - 4.0) Platform Ø 4.1 mm	40 PL 082
Plus Implants (Ø 5.0) Platform Ø 5.0 mm	40 PL 112

ABUTMENT FOR BONDING

WITH HEXAGON

MEASURES	CODE
Plus implants (Ø 3.25 - 3.75 - 4.0) Platform Ø 4.1 mm	PLMI41



WITHOUT HEXAGON (ROTATIONAL)

MEASURES	CODE
Plus implants (Ø 3.25 - 3.75 - 4.0) Platform Ø 4.1 mm	PLMI41-R

* Recommended prosthetic screw tightening torque: 25 Ncm

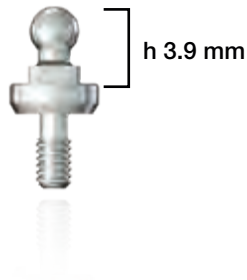
PROSTHETIC SCREW

DESCRIPTION	CODE
PLUS prosthetic screw (single)	40 PL 126
PLUS prosthetic screw (pack of 4)	40 PL 195
PLUS definitive prosthetic screw (single)	PLVTPD
PLUS definitive prosthetic screw (pack of 4)	PLVTPD-4



Note: use definitive prosthetic screws for final tightening of the prostheses.

PLUS
BALL ATTACHMENTS



BALL ATTACHMENT

MEASURES	CODE
Plus implants (Ø 3.25 - 3.75 - 4.0) Platform Ø 4.1 mm - Sphere Ø 2.5 mm (Normo)	
Height 1 mm	40 PL 170
Height 2 mm	40 PL 171
Height 4 mm	40 PL 172

Recommended tightening torque for Ball Attachment: 30 Ncm

BALL ATTACHMENT SCREWDRIVERS

Can be used to screw in the straight Titanium Toronto Abutment and Ball Attachment.



MANUAL	CODE
Stainless steel	AV 26 M
CONTRA-ANGLE	CODE
Stainless steel	AV 26 CA

RHEIN CAPS (NORMO)

Pack of **6 pcs.** per colour



Pink
soft
retention 900g
40 CC 001



Yellow
extra soft
retention 500g
40 CC 002



Green
elastic
retention 350g
40 CC 003



Grey
standard
retention 1300g
40 CC 004

RHEIN CONTAINERS

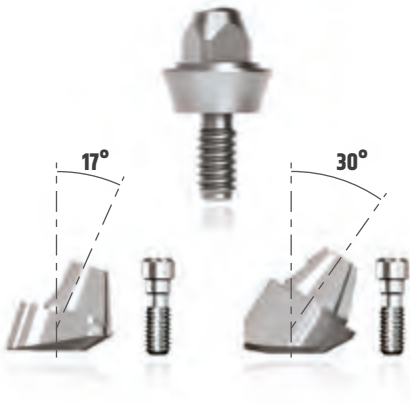
Pack of **2 pcs.** per material



Stainless steel
40 CC 005



Titanium
40 CC 006



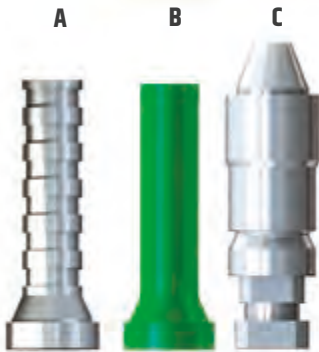
TORONTO TITANIUM ABUTMENT

MEASURES	CODE
Plus implants (Ø 3.25 - 3.75 - 4.0) Platform Ø 4.1 mm	
Straight - h 2 mm	40 PL 137
Straight - h 4 mm	40 PL 138
Plus implants (Ø 3.25 - 3.75 - 4.0) Platform Ø 4.1	
Angled 17°	40 PL 135
Angled 30°	40 PL 136



TORONTO ACCESSORIES

PEEK HEALING CAP	CODE
Peek healing cap.	CMT



TORONTO CYLINDERS	CODE
Package includes long screw and micro screw	
Stainless steel cylinder (A)	CT-I
Titanium Cylinder (A)	CT-T
Calcinable cylinder (B)	CT-C



TORONTO ANALOG	CODE
The package does not include the long screw and the micro screw	
Titanium analog (C)	ALT

TORONTO SCREW	CODE
Micro	VTMT
Long	VLT



BONE PROFILING DRILL AND GUIDE SCREW	CODE
Complete package	40 FR 105

SCREWDRIVERS	CODE
For straight Toronto abutment; can also be used for screwing in Core ball attachment and Micro Implants	
Contra-angle handpiece	AV26CA
Manual	AV26M



LOCATOR® ATTACHMENTS

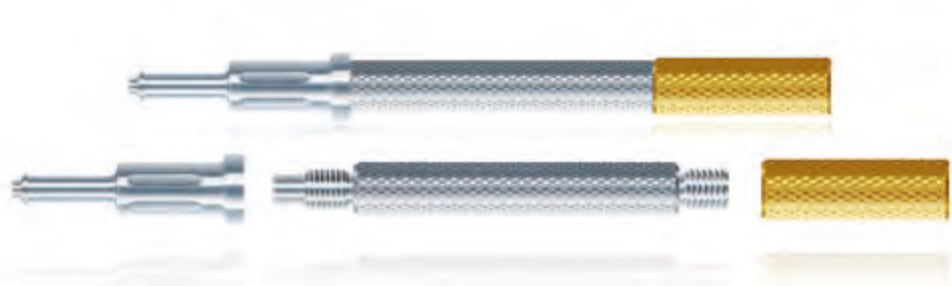
Locator is a resilient attachment for endo-osseous implants. The Locator system is suitable for correcting disparallelisms in prosthetic rehabilitation by means of total or partial overdentures. Use on a single implant is not recommended.

MEASURES	CODE
Plus implants (Ø 3.25 - 3.75 - 4.0)	
Platform Ø 4.1 mm	
Height 1 mm	AA-LR-01
Height 2 mm	AA-LR-02
Height 3 mm	AA-LR-03
Height 4 mm	AA-LR-04

Ideal tightening torque: 30 Ncm

ACCESSORIES

DESCRIPTION	CODE
TRANSFER LOCATOR Pack of 4.	PD-8505-4
LOCATOR LABORATORY ANALOG Pack of 1 pc.	PS-AR-00



Tip for inserting and removing of attachments

Handle

Attachment screwdriver

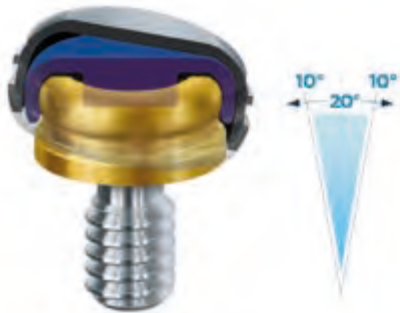
CORE TOOL LOCATOR

Tool for inserting and removing attachments, complete with tip and driver for screwing.

LL-PS-01

LOCATOR® ATTACHMENT KIT

Blister packs containing each: 1 plastic spacer ring, 1 steel cap, 1 black laboratory attachment, 3 colour coded plastic attachments in 3 different retentions.



STANDARD ATTACHMENTS

For implants with 10° to 20° divergence disparallelisms between the two implants.



Light blue 680 g

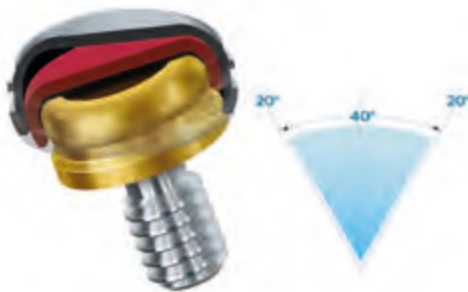


Grey 1360 g



Transparent 2268 g

DESCRIPTION	CODE
Standard Kit (blue, grey, transparent attachments)	KA-CL-02



EXTENDED RANGE ATTACHMENTS

For implants with 20° to 40° divergence disparallelisms between the two implants.



Rosso 453 g



Arancione 907 g



Blu 1814 g

DESCRIPTION	CODE
Extended Range Kit (green, red, orange attachments)	KA-CL-03

DESCRIPTION

Replacement Locator® Standard attachment - Pack of 8.



Blue
Retention 680 g

KA-CL-10



Grey
Retention 1360 g

KA-CL-11



Transparent
Retention 2268 g

KA-CL-12



Green
Retention 1360 g
(20° inclination)
Retention 1814 g
(40° inclination)

KA-CL-06



Red
Retention 226 g
(20° inclination)
Retention 453 g
(40° inclination)

KA-CL-04



Orange
Retention 907 g
(40° inclination)

KA-CL-05



DESCRIPTION	CODE
Replacement spacer ring - Pack of 20.	8514
Replacement metal cap (Ti)	KA-CL-00

PLUS DRILLS AND SURGICAL ACCESSORIES



PLUS DRILLS

INITIAL DRILL	CODE
For corticotomies; preparation depth 6 mm	FI

SUPER CUT DRILL	CODE
Ø 2 mm drill	FSC2
Ø 2.8 mm drill (fuchsia ring)	40 FR 099
Ø 3.0 mm drill (yellow ring)	40 FR 097
Ø 3.3 mm drill (blue ring)	40 FR 100
Ø 4.2 mm drill (green ring)	40 FR 116

DEPTH STOPS FOR SUPER CUT PLUS DRILLS



FOR DRILLS	Ø 2 mm	Ø 2.8 mm	Ø 3.0 mm	Ø 3.3 mm	Ø 4.2 mm
h 7 mm	40 AC 247	-	40 AC 239	40 AC 258	40 AC 366
h 8.5 mm	40 AC 246	40 AC 251	40 AC 238	40 AC 259	40 AC 369
h 10 mm	40 AC 245	40 AC 252	40 AC 237	40 AC 260	40 AC 370
h 12 mm	40 AC 243	40 AC 254	40 AC 236	40 AC 262	40 AC 371
h 13 mm	40 AC 242	40 AC 255	40 AC 235	40 AC 263	40 AC 372
h 15 mm	40 AC 241	40 AC 256	40 AC 234	40 AC 264	40 AC 373

PLUS COUNTERSINK



DESCRIPTION	CODE
For Ø 3.25 implant (fuchsia ring)	40 FR 114
For Ø 3.75 implant (yellow ring)	40 FR 115
For Ø 4.0 implant (blue ring)	40 FR 113
For Ø 5.0 implant (green ring)	40 FR 111

PLUS TAPPER



DESCRIPTION	CODE
For Ø 3.25 implant (fuchsia ring)	40 FR 014
For Ø 3.75 implant (yellow ring)	40 FR 106
For Ø 4.0 implant (blue ring)	40 FR 107
For Ø 5.0 implant (green ring)	40 FR 029

PLUS ACCESSORIES



PARALLELISM PIN	CODE
Single package	ID



MANUAL SCREWDRIVER	CODE
Hexagonal tip 0.9 mm Total length 19 mm	40 AC 048
Total length 24 mm	40 AC 049
Hexagonal tip 1.2 mm Total length 19 mm	AV1219M
Total length 24 mm	AV1224M



CONTRA-ANGLE SCREWDRIVER	CODE
Hexagonal tip 0.9 mm Length 25 mm	PH-09-25
Hexagonal tip 1.2 mm	
Length 18 mm	Length 25 mm
PH-20-18	PH-20-25



MANUAL SCREWDRIVER	CODE
Pack	AV34M



CONTRA-ANGLE SCREWDRIVER FOR MOUNT	CODE
Short - Length 19 mm	AV3419



RATCHET CONNECTOR	CODE		
Length 8 mm	Length 14 mm	Length 18 mm	Length 24 mm
AV348C	AV3414C	AV3418C	AV3424C



EXTENSION FOR DRILLS	CODE
For use with drills only	PF

SURGICAL INSTRUMENTS



DESCRIPTION	CODE
Titanium DEPTH GOUGE	SND
STEEL MOUNT KEY	CHM
DYNAMOMETRIC RATCHET: suitable for tightening prosthetic screws and inserting the implants.	CDIN

ACCESSORIES



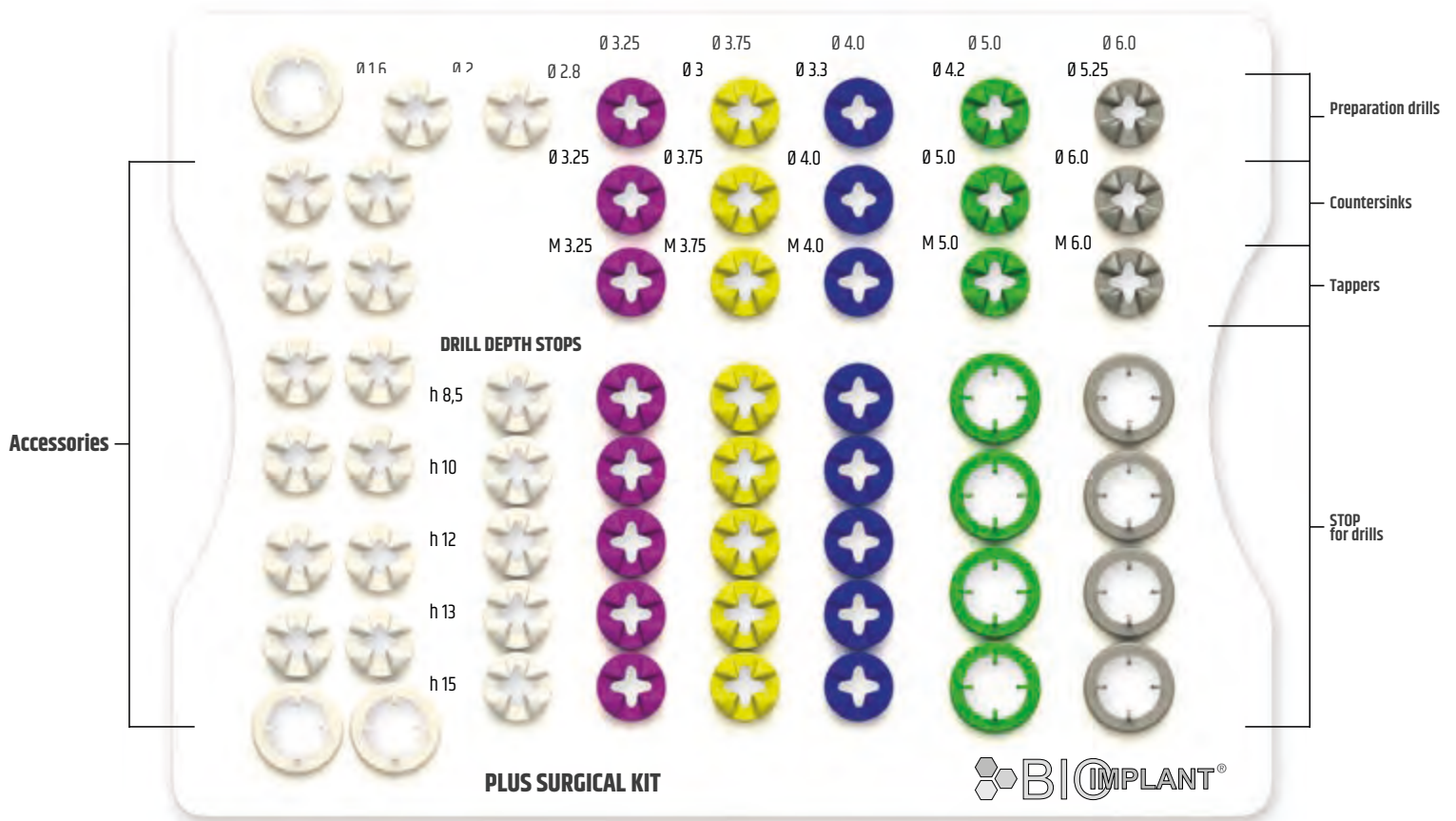
DESCRIPTION	CODE
TREPINE CORE DRILL in steel (max. length 30 mm)	
Outer Ø 4.75 mm - Inner Ø 4 mm	FC47
Outer Ø 5.75 mm - Inner Ø 5 mm	FC57
Outer Ø 6.75 mm - Inner Ø 6 mm	FC67
Outer Ø 8.75 mm - Inner Ø 8 mm	FC87



BONE EXPANDERS

DESCRIPTION	CODE
Expander kit: 1 hand ratchet, 1 initial drill, 1 \varnothing 2 mm drill, 1 contra-angle screwdriver, 2 ratchet connectors (8 mm and 14 mm) and 1 manual screwdriver	EO-SK
Blue Expander	EO-B
Fuchsia Expander	EO-F
Yellow Expander	EO-Y
Green Expander	EO-G

**PLUS
SURGICAL TRAY**



complete with instruments - Code 40 AC 331

Autoclavable plastic box with removable inner tray, complete with all the surgical instruments needed for implant placement. The sequence of use of the surgical instruments is simplified by the colour coding of the autoclavable silicone supports inserted on the tray.



KIT PLUS - EMPTY

40 AC 193

CLEANING AND STERILISATION OF THE SURGICAL KIT

Cleansing and sterilisation are key processes to ensure the removal of organic residues from the surface of the used instruments and the final decontamination.

Cleaning - After removing the instruments from the surgical tray, organic residues must be removed with a cloth.

In case of **ultrasonic cleaning**, which is suitable for removing stubborn organic residues, it is recommended to use demineralised water and a neutral detergent to prevent the formation of stains and marks, following the manufacturer's recommendations for both dilution and washing time.

In case of **manual cleaning**, brush the instruments under running water with a neutral detergent solution; rinse with distilled water for a few minutes. Dry thoroughly and store all instruments in the appropriate locations. Pack in bags and sterilise.

Sterilisation - In an autoclave at 121°C with a minimum exposure of 30 minutes and a drying cycle of 15 minutes.

Storage - The surgical kit should be stored in a bag until use. The sterilisation holding period should not exceed that recommended by the pouch manufacturer.

The surgical kit is supplied NON-STERILE.

