



**IMPLANTS DIFFUSION
INTERNATIONAL**
Since 1987



FABRIQUÉ EN 
FRANCE

2017 PRODUCT CATALOG
Morse taper Range / **IDCAM**



IMPLANTS DIFFUSION
INTERNATIONAL

Since 1987

Since 25 years, IDI firm (Implants Diffusion International), in collaboration with a team of researchers, engineers and dental surgeons, has regularly developed new products intended to implantology.

Implants Diffusion International invests a great deal in the research of new technologies such as RBS drill, state of surface SMA +TiO₂, Osteosinus...



“WE DEVELOP AND MANUFACTURE IN FRANCE”

The IDI lines are developed and manufactured in the Paris region, France by professionals fully committed to meet the practitioners expectations. IDI applies a strict Quality policy to each manufacturing step. The IDI company is certified according to the applicable standards: ISO 13485, ISO 9001, CE.

The next decade will see the launching of numerous innovations emerging from our Research and Development Department.

Gérard Boukhris - President

THE QUALITY COMMITMENT OF THE IDI COMPANY /

THE LIFETIME WARRANTY

IDI - Implants Diffusion International - develops, manufactures and distributes the largest range of dental implants all over the world, as well as implantology and dental surgery equipment. IDI products are manufactured in France exclusively. They're resulting from the essential work of the Research and Development Department. For IDI, to be close to practitioners, hospitals and implantology training centres is a great deal, because they take part to the constant innovation.

The IDI teams, concerned with the trust relationship that they enter into with the practitioners, decided to offer **lifetime warranties to all the implant lines of the IDI brand.**

Proud of our implant quality, we supply an accurate customer service to assist you in your daily practice in order to meet your highest requirements. The "General conditions" and the warranty protocol may be downloaded from the www.idi-dental.com website, section: Documentations/Quality.

IDI put the customer relationship at the heart of its concerns every day. The IDI teams are regularly trained in the latest cutting-edge techniques and in all the products necessary to the implantologists.

Our product Quality is a key asset to a stress-free practice.



Important considerations about IDI System



Tightening torques

PRODUCTS	Values (Ncm)	Comments
Implants	≤75	Use the ratchet
Closing cap	5 to 10	Use the manual screwdriver*
Healing cap	5 to 10	
IDUnit : abutment	25	
IDUnit : retaining screw	15	
Retaining screw	25	Use the contra angle or the torque wrench*
Manual screwdriver	5 to 25	
Screwdriver with dental shank	25	

* Distortion of the screwdriver at 45 N.cm to preserve the implant and its prosthetic component.



Implant range and prosthetic systems

05

MORSE TAPER CONNECTION /



ID^{CAM}

Why changing for ID ^{CAM} ..	06
Presentation ID ^{CAM} ST.....	08
Presentation ID ^{CAM} M.....	10
ID ^{CAM} surgical protocol ...	12
ID ^{CAM} ranges	13
Prosthetic kits	14
Prosthetic components	18

22

SURGICAL DRILLS &
SET

24

FOCUS
ON PROSTHETICS

30

ACCESSORIES
& INSTRUMENTS

31

PACKAGING
OF IDI IMPLANTS

MORSE TAPER CONNECTION

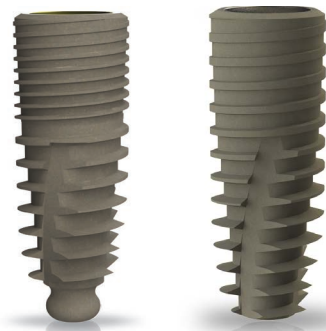


“On a surgical aspect, ID^{CAM} implants are easier and more pleasant to place comparing to other implants. Furthermore, with RBS drills, we can harvest a great quantity of bone. On a prosthetic aspect, at this time I just have used the kit C for unit implants, and I think that’s an excellent one”

Dr Riad M. (Lebanon)

IDCAM /

Range

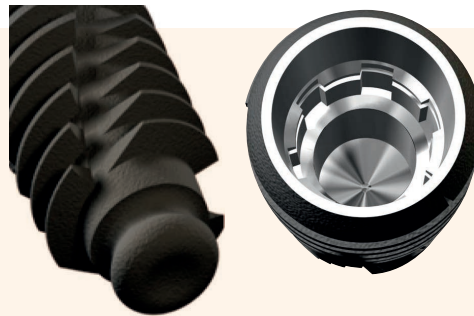


WHY CHANGING FOR IDCAM ?

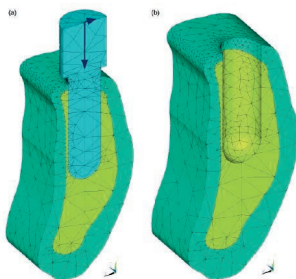
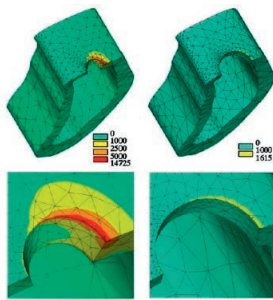
There's more than 1000 brands of dental implants all over the world.

WHY IDCAM ?

- For Technology and Innovation
- For the IDCAM Concept
- For the price



COMPENDIUM OF SCIENCES APPROVED TECHNOLOGIES



Its alloy - Two phases Ti6Al4V grade 5

Studies of Buser (2004), Zhao and Schwartz (2005), Carl E Misch.

Its state of surface - Sandblasted and acid-etched and TiO₂, Roughness of 1,76μ

- Sandblasted and acid-etched, passivated.

Studies of Becker and Coll, Albrektsson and Wennerberg, Wennerberg, Hanson and Norton 2005.

Its shape - Cylindro-tapered.

- The cylindrical shape of implant neck reduces the stress at the level of the crestal bone.

- The tapered shape enables a better insertion between adjacent teeth.

Studies: comparative assessment of implant shape (influence of diameter, length and taper on alveolar bone stress).

Its Threads - Square-shaped and V-shape.

Studies of Carl E Misch , Bone Miller.

Its Switching cone

Studies: Hüzeler M, Fickl S, Zuhr O, wachtel HC in J Oral Maxilofac Surg 2008 Oct 66(10) 2195-6.

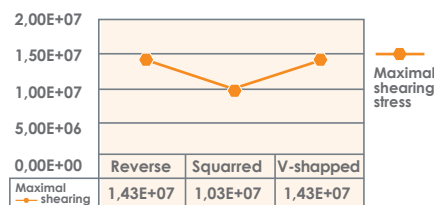
Its Morse taper and Cam Retention

Studies: prospective evaluation of 1 920 implants with morse taper connection. Clin Oral Implants Res 2009 Mar, 20(3), 254-61.

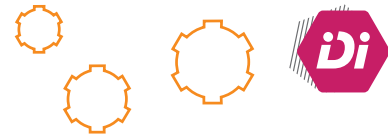
IDCAM implant has all features approved by the science and even more!

Studies performed by Pr P.E. Crubillé.

Maximal shearing stress



In this tridimensional finite elements study, the shearing force is the same for V-shaped and reverse V-shaped threads. However, the study shows that the squared-shaped thread reduces shearing forces for the same load.



Its CSO apex

Concave

The concave area allows to sustain grafted biomaterials during sinus lift.

Safety

The atraumatic round-shaped end limits the risks of damaging neighbouring tissues.

Osseointegration

The peripheral wedge groove increases the apical bone retention surface.

Internal part of IDCAM

Cam retention

For a better connection accuracy.

2,5° Morse taper

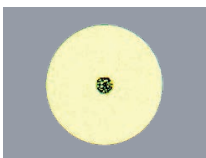
Internal Universal ISO threading

Groove of IDCAM

Helicoidal groove for an anti-unscrewing effect of implant.

The internal part is the same, whatever the diameter of implant.

Bone density for IDCAM ST



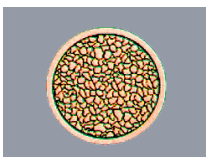
Type I



Type II

Bone quality classification of Lekholm & Zarb.

Bone density for IDCAM M



Type III



Type IV

Bone quality classification of Lekholm & Zarb.

RADIOGRAPHIC EXAMINATION

Implant placement in canvas shape

Technique of implant placement without any material.

Implant pushing the Schneiderian membrane. The CSO apex allows the realization of low-risk surgery.

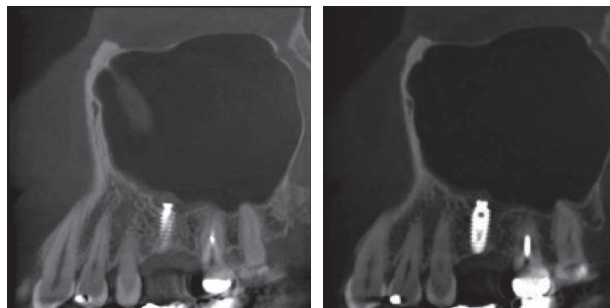


Photos : Pr Bravetti.

Diameter of Apex : Ø 2,1 mm

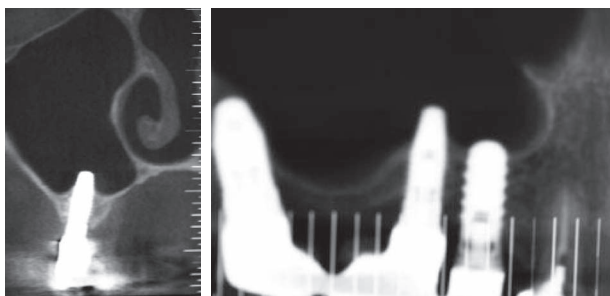
Implant : IDCAM

Reduces the risk of perforating the Schneiderian membrane.



Others Implants

The implant perforated the membrane.



Documents given by Pr P. Bravetti, Dean of the Odontologic Faculty of Nancy.

Range ID^{CAM} ST / STANDARD

PRESENTATION

The ID^{CAM} ST implant line (type IM) benefits from the SMA + TiO₂ state of surface initiated by ID^f and used since 1987.

This self-condensing implant stands 75 N.cm screwing stress without being affected. The ID^{CAM} ST implant draws special attention to itself due to its Switching Cone neck and to its cylindro-tapered body identical to a dental root.

The angulation, the state and the depth of the threads are specially studied to optimize the primary stabilization in any bone density and favor the immediate loading.

ID^{CAM} ST Implant features

- Cylindro-tapered-shaped
- 2,5° morse taper
- Titanium alloy Ti6Al4V ELI
- SMA + TiO₂ state of surface
- Cam retention
- Switching Cone
- Anti-unscrewing grooves
- Progressive and condensing threads
- Convex apex

Switching
Cone

Condensing
high threads

Anti-unscrewing
groove

Self-drilling low
threads

CONVEX
APEX



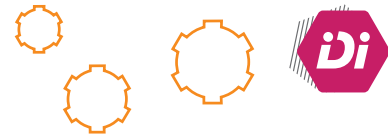
Why the ID^{CAM} S becomes the ID^{CAM} ST ?

The ID^{CAM} ST implant differentiates from the ID^{CAM} S by its convex apex.

Its deeper apical threads and its new penetrating convex apex enable to get 2 mm additional anchorage.

This provides a major primary anchorage, ideal for implant placement in the lower jaw.

MORSE TAPER CONNECTION



IDCAM ST IMPLANT RANGE

IMPLANT TYPE	LENGTH Color code*	P/N
Standard Ø 4,2 mm	8	IDCS 0842
Standard Ø 5,2 mm	8	IDCS 0852
Standard Ø 3,5 mm	10	IDCST 1035
Standard Ø 4,2 mm	10	IDCST 1042
Standard Ø 5,2 mm	10	IDCST 1052
Standard Ø 3,5 mm	12	IDCST 1235
Standard Ø 4,2 mm	12	IDCST 1242
Standard Ø 5,2 mm	12	IDCST 1252
Standard Ø 3,5 mm	15	IDCST 1535
Standard Ø 4,2 mm	15	IDCST 1542
Standard Ø 5,2 mm	15	IDCST 1552

*On each implant packaging there is a small colored sticker to match with the implant length. The code for each color is related to the one found on the RBS conical drills for the ID^{CAM} implants :

- 08 mm length
- 10 mm length
- 12 mm length
- 15 mm length

Important considerations

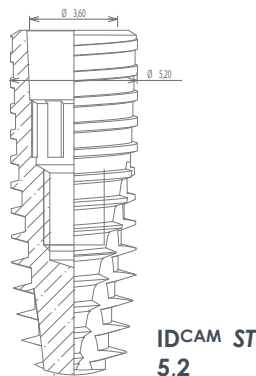
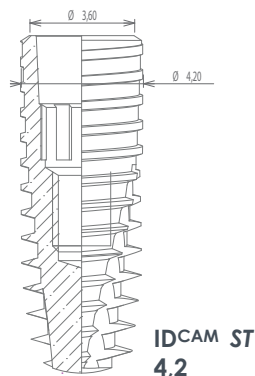
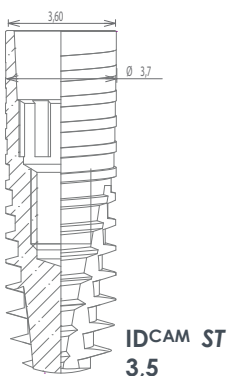
! The 3,5mm diameter implants must be used only for lower and upper lateral incisors.

The ID^{CAM} implants are supplied with a closing and a healing cap.

To improve aesthetic quality, it is recommended to position the implant 1mm under the bone crest.

It is recommended to set as many implants as lacking natural roots in the patient mouth in order to secure the lasting of the prosthesis. The length choice and diameter of implant must be based on the bone density determined by the CT-scan.

All the dimensions are in millimeters.



Range ID^{CAM} M / MINI-THREADS

PRESENTATION

The ID^{CAM} M implant line (type IM) benefits from the SMA + TiO₂ state of surface initiated by IDI and used since 1987. This self-condensing implant stands 75 N.cm screwing stress, without being affected. The ID^{CAM} M implant differentiates from the ID^{CAM} S because of its mini threads neck, which favor immediate loading.

ID^{CAM} M Implant features

- Cilindro-tapered-shaped
- 2,5° morse taper
- Titanium alloy Ti6Al4V ELI
- SMA + TiO₂ state of surface
- Cam retention
- Switching Cone
- Anti-unscrewing grooves
- Mini threads
- Progressive and condensing threads
- CSO apex

Instructions for use

1. Use the screwdriver P/N 0146, 1046, 0046, 0846 to screw the implant.
2. Use the screwdriver P/N 0014, 1014, 1114, 0114 to screw the cover screw manually at 5N.cm while omitting the hinged ratchet.

Switching
Cone

Condensing
mini threads

Condensing
high threads

Anti-unscrewing
groove

Self-drilling
low threads

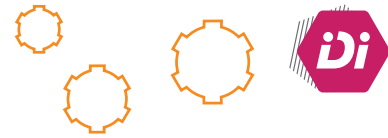
CSO
APEX

2,5° morse taper

Cam
connection

Internal universal
thread ISO

Morse taper
and identical
connection for
all ID^{CAM} range.

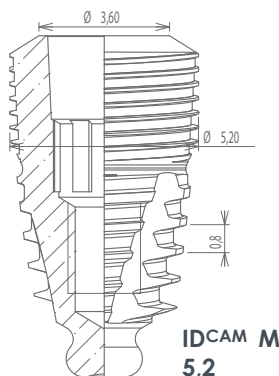
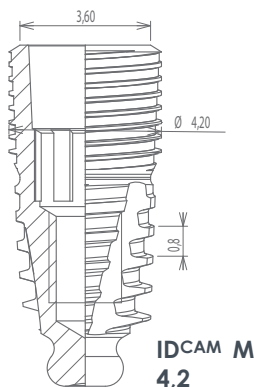


IDCAM M IMPLANT RANGE

IMPLANT TYPE	LENGTH Color code*	P/N
Mini-threads Ø 4,2 mm	8	IDCM 0842
Mini-threads Ø 5,2 mm	8	IDCM 0852
Mini-threads Ø 4,2 mm	10	IDCM 1042
Mini-threads Ø 5,2 mm	10	IDCM 1052
Mini-threads Ø 4,2 mm	12	IDCM 1242
Mini-threads Ø 5,2 mm	12	IDCM 1252
Mini-threads Ø 4,2 mm	15	IDCM 1542
Mini-threads Ø 5,2 mm	15	IDCM 1552

NB: The 8mm length of ID^{CAM} implants (P/N IDCM 0842 and IDCM 0852) do not have any CSO APEX.

All the dimensions are in millimeters.



*On each implant packaging there is a small colored sticker to match with the implant length. The code for each color is related to the one found on the RBS conical drills for the ID^{CAM} implants :

- 08 mm length
- 10 mm length
- 12 mm length
- 15 mm length

Important considerations



The 3,5mm diameter implants must be used only for lower and upper lateral incisors.

The 8mm ID^{CAM} implants do not have any CSO Apex.

The ID^{CAM} implants are supplied with a closing and a healing cap.

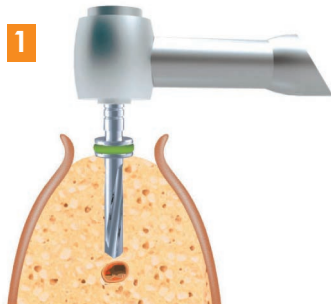
To improve aesthetic quality, it is recommended to position the implant 1mm under the bone crest.

It is recommended to set as many implants as lacking natural roots in the patient mouth in order to secure the lasting of the prosthesis. The length choice and diameter of implant must be based on the bone density determined by the CT-scan.

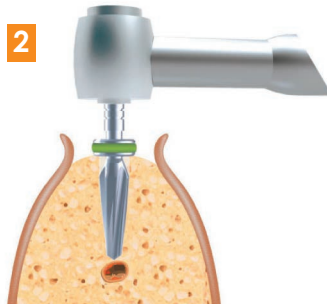
SURGICAL PROTOCOL

EXAMPLE OF AN ID^{CAM} IMPLANT

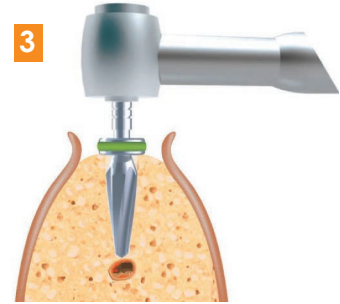
(example with the implant placement for an ID^{CAM} implant P/N: IDCM1242)



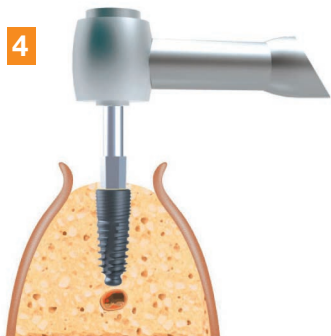
1 Use the Pilot drill P/N 1220 of 2mm diameter & 12mm length. Drill at 650 rpm with ample cooling.



2 Use the 3,5mm diameter drill & 12mm length (P/N 123522). Drill with irrigation at 650 rpm. If drilling procedure with bone harvesting: 150 rpm.



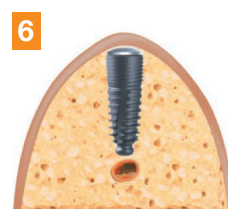
3 Use the 4,2mm diameter drill & 12mm length (P/N 124223). Drill with irrigation at 650 rpm. If drilling procedure with bone harvesting: 150 rpm.
(This step is to be performed for an implant placement at the mandible only.)



4 Screw the implant P/N IDCM1242 :
• with the help of a contra-angled handpiece and a screwdriver P/N 1046 or 1146;
• or with the screwdriver P/N: 0846.
Finish screwing the paracrestal implant with the screwdriver P/N 1146 or 1046 and the ratchet P/N 414.



5 Screw the cover screw at 5N.cm with the screwdriver P/N 0014 or P/N 0114.



6 Suture.

ID^{CAM}

DRILL TO USE	LENGTH Color code*	ID ^{CAM} P/N
Ø 4,2 mm	8	IDCM & S 0842
Ø 5,2 mm	8	IDCM & S 0852
Ø 3,5 mm	10	IDCS 1035
Ø 4,2 mm	10	IDCM & S 1042
Ø 5,2 mm	10	IDCM & S 1052
Ø 3,5 mm	12	IDCS 1235
Ø 4,2 mm	12	IDCM & S 1242
Ø 5,2 mm	12	IDCM & S 1252
Ø 3,5 mm	15	IDCS 1535
Ø 4,2 mm	15	IDCM & S 1542
Ø 5,2 mm	15	IDCM & S 1552

All the dimensions are in millimeters.

Important considerations about ID^{CAM} :

The Ø 3,5mm ID^{CAM} implants are reserved for the upper lateral incisors and lower incisors only.

ID^{CAM} implants of 8mm length do not have Apex CSO.

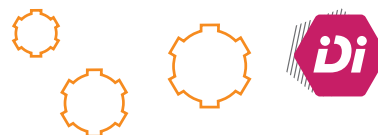
The ID^{CAM} implants are supplied with a sterile closing cap and a healing cap.

To optimize the aesthetic result, it is recommended to set the implant in a 1mm sub-crestal position.

It is recommended to set as many implants as lacking natural roots in the patient mouth in order to secure the lasting of the prosthesis.

The length choice and implant diameter must be based on the bone density determined by the CT-scan.

IDCAM RANGES



IDCAM mini-threaded implants

Length 8 - Mini-threaded Ø4,2 mm		IDCM 0842
Length 8 - Mini-threaded Ø5,2 mm		IDCM 0852
Length 10 - Mini-threaded Ø4,2 mm		IDCM 1042
Length 10 - Mini-threaded Ø5,2 mm		IDCM 1052
Length 12 - Mini-threaded Ø4,2 mm		IDCM 1242
Length 12 - Mini-threaded Ø5,2 mm		IDCM 1252
Length 15 - Mini-threaded Ø4,2 mm		IDCM 1542
Length 15 - Mini-threaded Ø5,2 mm		IDCM 1552

IDCAM standard implants

Length 8 - Standard Ø4,2 mm		IDCS 0842
Length 8 - Standard Ø5,2 mm		IDCS 0852
Length 10 - Standard Ø3,5 mm		IDCST 1035
Length 10 - Standard Ø4,2 mm		IDCST 1042
Length 10 - Standard Ø5,2 mm		IDCST 1052
Length 12 - Standard Ø3,5 mm		IDCST 1235
Length 12 - Standard Ø4,2 mm		IDCST 1242
Length 12 - Standard Ø5,2 mm		IDCST 1252
Length 15 - Standard Ø3,5 mm		IDCST 1535
Length 15 - Standard Ø4,2 mm		IDCST 1542
Length 15 - Standard Ø5,2 mm		IDCST 1552

Closing cap



IDCAM closing cap

0212

Healing cap for FMC

Transgingival height	screw Ø 3,2mm (low part Ø 3,1mm)	screw Ø 4mm (low part Ø 3,6mm)	screw Ø 5mm (low part Ø 3,6mm)	screw Ø 6mm (low part Ø 3,6mm)
2mm		021300	021350	
4mm	021304	021301	021354	021302
6mm	0213	021306	021356	021303
8mm		021348	021358	021308

IMPORTANT NOTICE:

This Closing and Healing CAPS have to be used with the screwdrivers P/N 0014, 0114, 1014, 1114 and 0148. (Please refer to page 30)

PROSTHETIC KITS

KIT A – The screw-on burnout elements for any type of prosthetic reconstructions

Contents of kit A



L

Implant analog

P/N 0223



N

Burnout cylinder, rotational

P/N 021801



P

Retaining screw

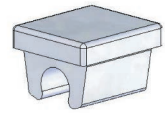
P/N 0214



Q

Burnout connector bar

P/N 0931



S

Nylon clip

P/N 0025

Excluded from Kit A, C or D



F

Non-rotational, closed tray technique

P/N 2004F



T

Impression copying incl. screw, non rotational Pick-up technique

P/N 2004



U

Impression copying, rotational

P/N 0221



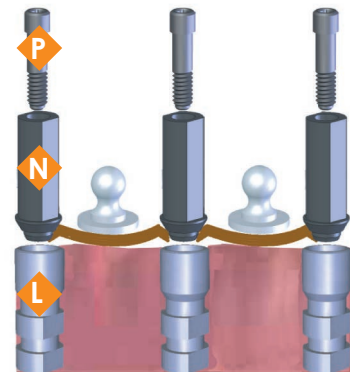
W

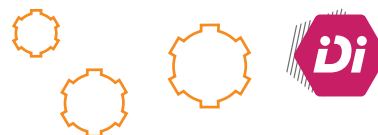
Conical rotational

P/N 0220C

CONNECTOR BAR WITH SPHERICAL ATTACHMENTS

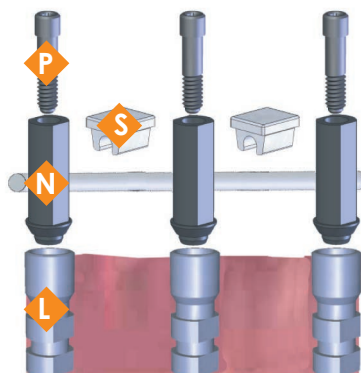
- The impression is taken with the impression cylinders (P/N 0221 or 2004)
- The implant analogs (P/N 0223) are screwed onto the impression cylinders and are plastered over.



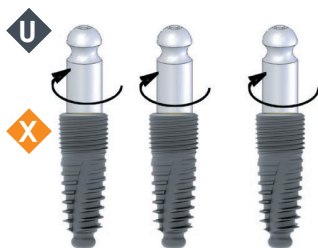


CONNECTOR BAR WITH CLIPS

- The impression is taken with the impression copyings (P/N 0221 or 2004)
- The implant analogs are screwed onto the impression copyings; the model is plastered over (P/N 0223)

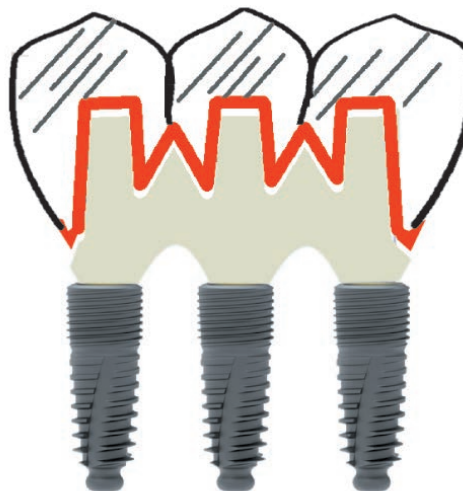
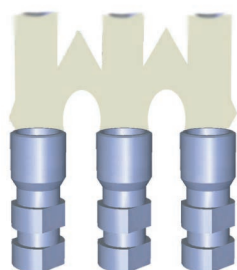
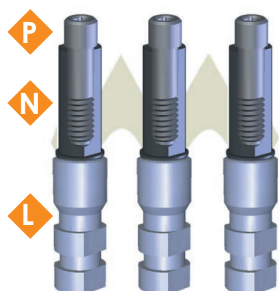


Setting



SCREW-ON SOLIDARIZED ABUTMENTS + SOLIDARIZED FRAMEWORK

- The impression is taken with the impression copyings (P/N 0221 or 0221 C)
- The model is plastered over
- Conception of the framework with P/N 021801 and 0214
- Realization of the ceramic work on a telescopic framework



PROSTHETIC KITS

KIT C – Fixed screw-on CoNe for an unitary implant (FMC*)

Contents of kit C



Screw-on machined abutment
6 P/N*

Retaining screw
P/N 0211

Implant analog
P/N 0223

***Different types of abutments for Ø 3,5 implant:**

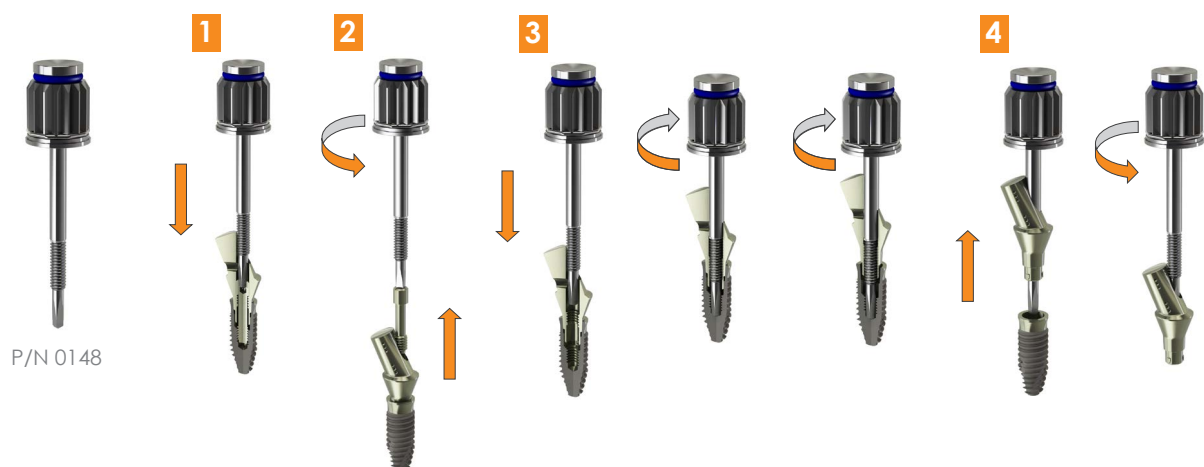
- Straight abutment : P/N 3500
- 15° angled abutment : P/N 3515
- 23° angled abutment : P/N 3523

***Different types of abutments for Ø 4,2 et 5,2 implants:**

- Straight abutment : P/N 4200
- 15° angled abutment : P/N 4215
- 23° angled abutment : P/N 4223

NB: Identical morse taper for every external ø of implants (ø 3,5, ø 4,2, ø5,2).

Protocol for the use of morse taper abutment remover



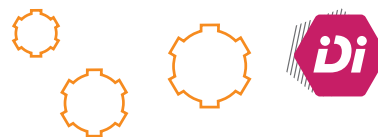
1 - Push strongly the screwdriver on the head of the retaining screw.

2 - Unscrew with a slight pull on the retaining screw until it comes out. Remove the retaining screw from the screwdriver.

3 - Once again, screw the retaining screw in the abutment until its extraction.

4 - Remove the screwdriver from the abutment.

All the dimensions are in millimeters.



KIT D – Fixed screw-on PLAN abutments for unitary or multiple implants (FMP**)

Content of kit D



M

Flat supported abutment

6 P/N*



P

Retaining screw

P/N 0211



L

Implant analog

P/N 0223



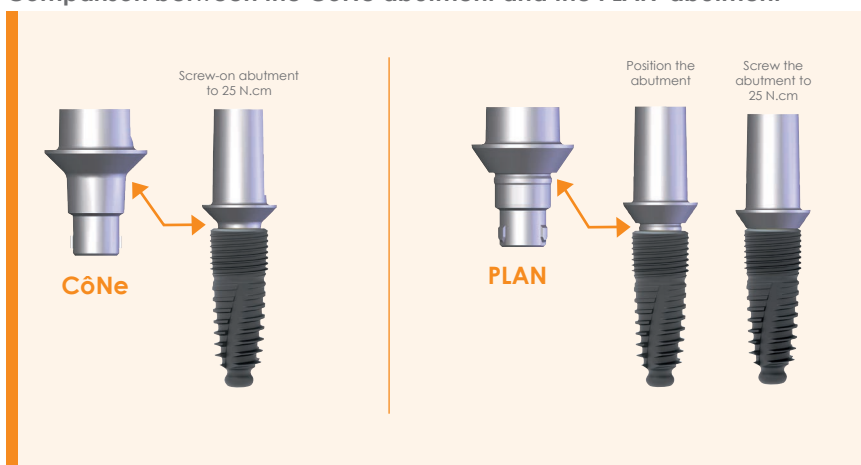
***Different types of abutments for 1,5 mm transgingival height for all types of implants:**

- Straight abutment: P/N 420011
- 15° angled abutment: P/N 421511
- 23° angled abutment: P/N 422311

***Different types of abutments for 3,0 mm transgingival height for all types of implants:**

- Straight abutment: P/N 420012
- 15° angled abutment: P/N 421512
- 23° angled abutment: P/N 422312

Comparison between the Cône abutment and the PLAN abutment



NB: Identical morse taper for every external Ø of implants (Ø3,5, Ø4,2, Ø5,2).

FMC*





Ideal for an unitary implant.







FMP**

Suitable for multiple reconstructions.

PROSTHETIC COMPONENTS



FIXED PROSTHESIS










Impression copyings		
	Rotational, conical	0220C
	Rotational	0221
	Non rotational, pick-up technique	2004
	Non rotational, closed tray technique	2004F

Morse tapered abutments (FMC) without shoulder		
	Morse taper abutment, straight, 0° Width: 3,5mm - screw P/N 0211	3500
	Morse taper abutment, straight, 15° Width: 3,5mm - screw P/N 0211	3515
	Morse taper abutment, straight, 23° Width: 3,5mm - screw P/N 0211	3523
	Morse taper abutment, straight, 0° Width: 4,2mm - screw P/N 0211	4200
	Morse taper abutment, straight, 15° Width: 4,2mm - screw P/N 0211	4215
	Morse taper abutment, straight, 23° Width: 4,2mm - screw P/N 0211	4223

KIT C - Morse tapered Cône abutments (FMC)	
P/N: 3500 + 0211 + 0223	Kit C300
P/N: 3515 + 0211 + 0223	Kit C315
P/N: 3523 + 0211 + 0223	Kit C323
P/N: 4200 + 0211 + 0223	Kit C400
P/N: 4215 + 0211 + 0223	Kit C415
P/N: 4223 + 0211 + 0223	Kit C423

Implant analog		
	ID ^{CAM} Analog	0223

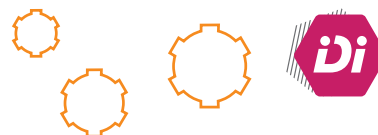
Titanium abutments for a temporary tooth		
	Non rotational screw P/N 0214	0206
	Rotational screw P/N 0214	0208

Morse tapered abutments (FMC) with shoulder		
	Abutment, straight, with shoulder Transgingival height: 1,5mm screw P/N 0211	420001
	Abutment, straight, with shoulder Transgingival height: 2,5mm screw P/N 0211	420002
	Abutment, straight, with shoulder Transgingival height: 3,5mm screw P/N 0211	420003
	Abutment, 15° angled, with shoulder Transgingival height: 1,5mm screw P/N 0211	421501
	Abutment, 15° angled, with shoulder Transgingival height: 2,5mm screw P/N 0211	421502
	Abutment, 15° angled, with shoulder Transgingival height: 3,5mm screw P/N 0211	421503
	Abutment, 23° angled, with shoulder Transgingival height: 1,5mm screw P/N 0211	422301
	Abutment, 23° angled, with shoulder Transgingival height: 2,5mm screw P/N 0211	422302
	Abutment, 23° angled, with shoulder Transgingival height: 3,5mm screw P/N 0211	422303

IMPORTANT NOTICE:

ALL prosthetic elements have to be used with the screwdrivers P/N 0014, 0114, 1014, 1114 and 0148. (Please refer to page 30)

MORSE TAPER CONNECTION



Screw-on abutments (FMP) with shoulder

	Straight, 0° Transgingival height: 1,5mm screw P/N 0211	420011
	Straight, 0° Transgingival height: 3mm screw P/N 0211	420012
	15° angled Transgingival height: 1,5mm screw P/N 0211	421511
	15° angled Transgingival height: 3mm screw P/N 0211	421512
	23° angled Transgingival height: 1,5mm screw P/N 0211	422311
	23° angled Transgingival height: 3mm screw P/N 0211	422312

Kit D (FMP) with shoulder

P/N: 420011 + 0211 + 0223	Kit D400
P/N: 421511 + 0211 + 0223	Kit D415
P/N: 422311 + 0211 + 0223	Kit D423

Burnout cylinders

	Rotational, with shoulder*	021801
	Non-rotational, with shoulder in nylon, for temporary tooth*	022602
P/N: 0223 + 0214 + 021801 + 0931 + 0025 <i>Screw-on burnout elements for any type of prosthetic reconstructions</i>		Kit A

*Used with screw P/N 0214, sold separately.

Retaining screws

	Retaining screw for ID ^{CAM} and ID ^{ALL} ≤ 25N.cm maximum (Screw head: Ø 2,5 mm)	0214
	For prosthesis, short head Ø 2,5 mm ≤ 25N.cm maximum	0219
	Golden Retaining screw for tapped screw-retained elements (Screw head: Ø 2,2mm)	0211

Zirconia TiBase

	Titanium abutment basis, conical, for lab + screw P/N 0211	7636
	Titanium abutment basis, Platform switch (Ø3,6), for lab + screw P/N 0211	7536

CEREC

	Scanpost (small) + screw P/N 0211	73CS
	Titanium abutment basis, Platform switch, for lab + screw P/N 0211	7336
	Titanium abutment basis, conical, for lab + screw P/N 0211	7436
	Omnica Scanbody (small)	6431311
	Omnica Scanbody (large)	6431329
	Bluecam Scanbody (small)	6431295
	Bluecam Scanbody (large)	6431303

Gold cylinders

	Cylinder, gold, non rotational to cast on screw P/N 0214 Gold morse taper connection	636
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Titanium transgingival kits*

	Non rotational element, 0,4mm high Titanium basis & Burnout element Screw P/N 6141	6360H
	Rotational element, 0,4mm high Titanium basis & Burnout element Screw P/N 6141	6360R
	Non rotational element, 1,4mm high Titanium basis & Burnout element Screw P/N 6142	6361H
	Rotational element, 1,4mm high Titanium basis & Burnout element Screw P/N 6142	6361R
	Non rotational element, 2,4mm high Titanium basis & Burnout element Screw P/N 6143	6362H
	Rotational element, 2,4mm high Titanium basis & Burnout element Screw P/N 6143	6362R

*New colors available from January 2017

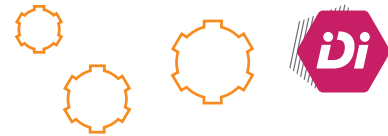
PROSTHETIC COMPONENTS








REMOVABLE PROSTHESIS

IDUnit			
IDUnit elements		IDUnit attachment, Transgingival height: 1 mm	U3601
		IDUnit attachment, Transgingival height: 2,5 mm	U3602
		IDUnit attachment, Transgingival height: 4 mm	U3604
		IDUnit attachment, Transgingival height: 6 mm	U3606
		17° angled IDUnit attachment (1 mm high) screw P/N 0215	U3621
		30° angled IDUnit attachment (1 mm high) screw P/N 0215	U3631
IDUnit analog		IDUnit analog	333
IDUnit burnout element		IDUnit burnout element + screw P/N 0216	336S
Titanium cylinder		Temporary cylinder for IDUnit attachment + screw P/N 0216	334
Impression copying		Impression copying, monobloc, to be screwed	321
		IDUnit impression copying, Pick-up technique	322
		Impression copying, plastic	335
Healing cap		IDUnit healing cap	330
Retaining screw		For prosthetic elements P/N 334, 336; Torque ≤ 15N.cm	0216





All the dimensions are in millimeters.

MORSE TAPER CONNECTION



IDLoc			
IDLoc attachments		Transgingival height: 1 mm	L3601
		Transgingival height: 2,5 mm	L3602
		Transgingival height: 4 mm	L3604
		Transgingival height: 6 mm	L3606
Impression copying		Impression copying, plastic	432
Analog		IDLoc analog	433
Box		Female part	LOCFEM



Spherical attachments

	Transgingival height: 1 mm	222361
	Transgingival height: 2,5 mm	222362
	Transgingival height: 4 mm	222364
	Transgingival height: 6 mm	222366



Boxes for spherical attachments

	O'ring, Height: 3,5mm External Ø : 5mm	0122
	O'ring retaining ring for O'ring attachment	0120
	Nylon box for spherical attachment	0924



Burnout spherical attachments

	Burnout spherical attachment	9222
	Paralleling guide for burnout spherical attachment	9223

Connector bar

	Burnout connector bar (by 3)	0931
	Nylon clip	0025

Magnetic screws

	Screw, REDEIM type	0024
	Magnetic	0940

THE RBS C TAPERED DRILLS

The bone-recovering RBS tapered drills were developed and tested in several hospitals. They ease the implant setting of the ID^{BIO} and ID^{CAM} ranges.

Color code

The color of the depth stop indicates the maximum drill depth.

Depth stop

The depth stop limits how deep the drill can be inserted, determining the maximum drilling depth.

Drill head

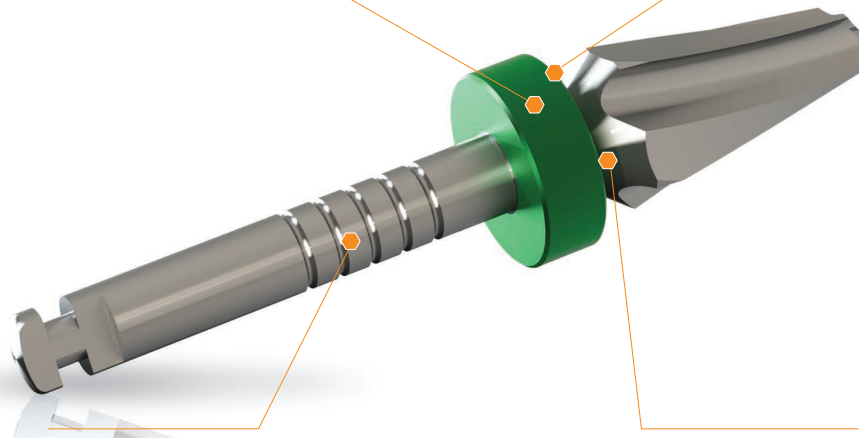
The lower section incorporates a long cutting thread and tapers to a point at the drill head.

Markings

Markings on the shank indicate the diameter of the drill.

Bone-harvesting channel

A channel between the cutting thread and depth stop is used to collect bone material for harvesting autogenous material for grafting.



RBS C DRILLS RANGE

*On each implant's packaging there is a small colored sticker to match with the implant height. The code for each color is related to the one found on the RBS conical drills for the ID^{CAM} and ID^{BIO} implants.

- Length: 8mm
- Length: 10mm
- Length: 12mm
- Length: 15mm

	DRILLING LENGTH Color code*	P/N
Ø 2,0 mm	8	820
Ø 3,5 mm	8	083522
Ø 4,2 mm	8	084227
Ø 5,2 mm	8	085230
Ø 2,0 mm	10	1020
Ø 3,5 mm	10	103522
Ø 4,2 mm	10	104223
Ø 5,2 mm	10	105225

	DRILLING LENGTH Color code*	P/N
Ø 2,0 mm	12	1220
Ø 3,5 mm	12	123522
Ø 4,2 mm	12	124223
Ø 5,2 mm	12	125225
Ø 2,0 mm	15	1520
Ø 3,5 mm	15	153522
Ø 4,2 mm	15	154223
Ø 5,2 mm	15	155225

SURGICAL DRILL SET FOR THE ID^{CAM} / ID^{BIO}



CONTENTS:

16 drills

7 relating instruments

CLEANING AND STERILISATION INSTRUCTIONS

1. Use powder free gloves.
2. Soak the surgical set with the instruments in a decontamination tank during 15 minutes.
3. Remove all the instruments from the set. Card each instrument with a brass brush in order to remove any bone fragment.
4. Put the set + tray + instruments in an ultrasound tank during 15 minutes in a disinfection solution.
5. Change the gloves.
6. Put all the parts in a dedicated plastic tank. Rinse abundantly 5 times during 5 minutes in ultrasound.
7. After this perfect cleaning, Pack and proceed to the sterilization by autoclave.



Ratchet

P/N 415



Instrument extension

P/N 406



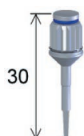
Depth tester

P/N 408



Implant paralleling help Ø1,5mm

P/N 409



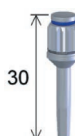
Hand piece screwdriver for prosthetics, length: 30mm

P/N 0114



Contra angle screwdriver for prosthetics, length: 30mm

P/N 1114



Hand piece screwdriver for screwing the implant, length: 30mm

P/N 0146

HOLDERS IN DIFFERENT SIZES

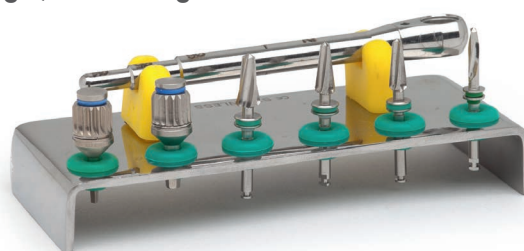
The holders contain 4 RBS C conical drills for cylindro-tapered implants. There are available in 8mm length; 10 mm length; 12 mm length; 15 mm length.

INCLUDES:

Ratchet P/N 415

Screwdriver for relating instruments (short model) P/N 0014

Short hex-tipped screwdriver P/N 0046



Non contractual pictures

GENERAL PROSTHETIC APPROACH

EXAMPLE OF PROSTHETIC REHABILITATIONS

**SCREW-ON CERAMIC
FROM BURNOUT CYLINDER**



**SCREW-ON BRIDGE FROM
BURNOUT CYLINDERS**

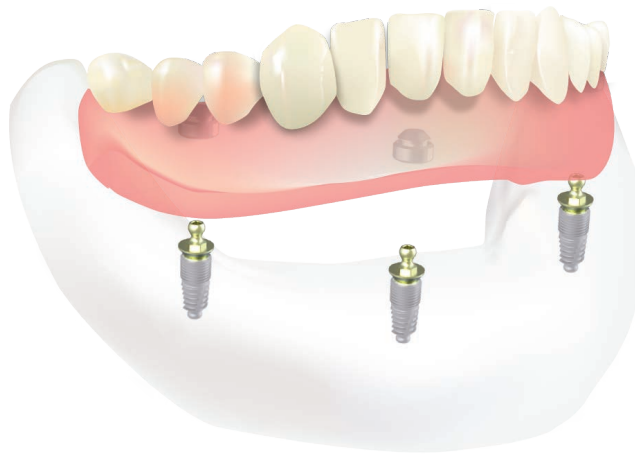


**STABILIZATION BAR
WITH CLIPS FOR
OVERDENTURE**

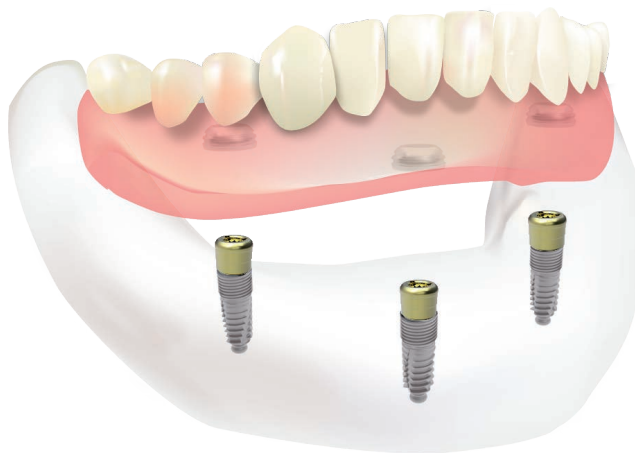


GENERAL PROSTHETIC APPROACH

**STABILIZED
OVERDENTURE
WITH SCREWED
TITANIUM SPHERICAL
ATTACHMENTS AND
O'RING BOXES**



**STABILIZED
OVERDENTURE WITH
ID^{LOC} ATTACHMENTS**



Focus on prosthetics

ZIRCONIA

PROSTHETIC REHABILITATION WITH A ZIRCONIA ABUTMENT

ZIRCONIA ABUTMENT SCREW-RETAINED ON TITANIUM BASIS



Impression copying



Implant analog



Screw the zirconia abutment with:

- a square-tipped instrument with dental shank P/N 1014 or 1114.
- or with the screwdriver P/N 0014 or 0114.

Screw up to 25N.cm.



Zirconia abutment basis + screw

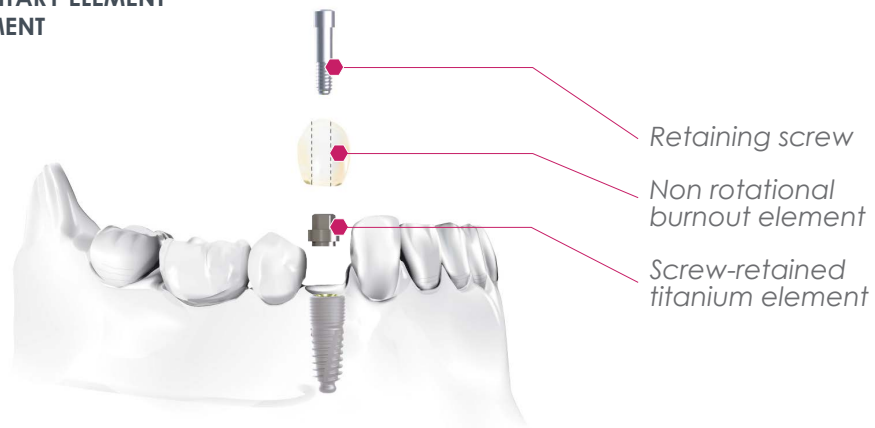
Option for the preparation of a fixed prosthesis.

Focus on prosthetics

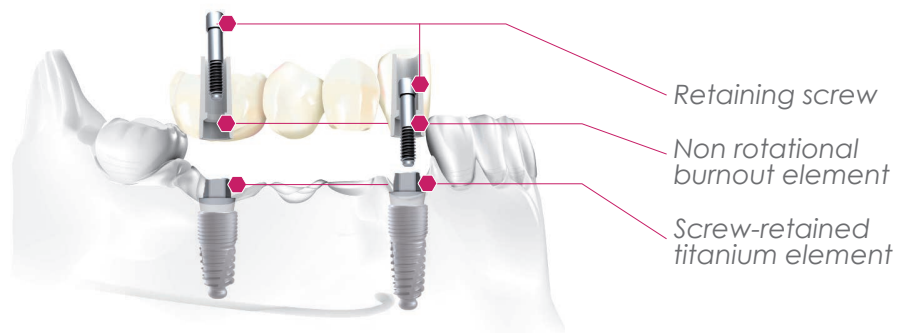
TRANSGINGIVAL TITANIUM KITS

PROSTHETIC REHABILITATION WITH A TITANIUM ELEMENT

SCREW-RETAINED UNITARY ELEMENT FROM TITANIUM ELEMENT



SCREW-RETAINED BRIDGE OR CONNECTOR BAR FROM TITANIUM ELEMENT



Focus on prosthetics

THE ID^{LOC}

PROTOCOL FOR THE ID^{LOC} PLACEMENT: DIRECT METHOD



1 - AFTER REMOVING THE HEALING CAPS FROM THE IMPLANTS, INSERT THE IDLOC ABUTMENT INTO THE IMPLANT ACCORDING TO THE HEIGHT OF THE GINGIVAL TISSUES. THE ABUTMENT SHALL EMERGE BY 1MM SUB-GINGIVAL ; SCREW IT WITH THE SQUARE-END SCREWDRIVER P/N 0014 OR P/N 0114.



2 - PLACE THE BLOCK OUT WHITE SPACER (SOFT MATERIAL) ON EACH ID^{LOC} ABUTMENT AND FIX THE BOX WITH THE NYLON RING (MALE PART).

3 - MARK THE TOP OF THE BOXES WITH ACRYLIC PEN AND POSITION THE PROsthESIS ABOVE THEM TO LOCATE THE PARTS TO BE HOLLOWED OUT. THEN, FILL IN THE EMPTIED PARTS WITH AUTO-POLYMERIZING RESIN.



4 - POSITION THE PROsthESIS IN THE MOUTH AND TIGHTEN IT.

- WAIT TILL POLYMERIZING PROCESS IS COMPLETED.

- REMOVE THE PROsthESIS AND THE WHITE SPACERS.

- REMOVE THE EXCESS RESIN AND PLACE THE PROsthESIS BACK IN THE PATIENT MOUTH.

PROTOCOL FOR THE ID^{LOC} PLACEMENT: INDIRECT METHOD



1 - REMOVE THE HEALING CAPS FROM THE IMPLANTS THANKS TO THE SQUARE-TIPPED SCREWDRIVER (P/N 0014 OR P/N 0114). TAKE THE IMPRESSION WITH THE IMPRESSION COPYINGS ADAPTED TO THE IMPLANT.

2 - THE LAB PREPARES THE MASTER MODEL WITH THE CORRESPONDING IMPLANT ANALOGS AND POSITIONS THE APPROPRIATE ID^{LOC} ABUTMENTS.

3 - THE LAB TECHNICIAN POSITIONS THE WHITE BLOCK OUT SPACERS ONTO THE ID^{LOC} ABUTMENTS, AND, FIX THE BOX IN THE NYLON RING (MALE PART).

4 - THEN THE LAB TECHNICIAN PREPARES THE PROsthESIS ACCORDING TO THE STANDARD PROCEDURE.

Focus on prosthetics

THE ID^{UNIT}

PROTOCOL FOR ID^{UNIT} PLACEMENT



1 - REMOVE THE HEALING CAPS FROM THE IMPLANTS WITH THE ADAPTED SCREWDRIVER. INSERT THE APPROPRIATE IDUNIT ABUTMENT ONTO THE IMPLANT AND TIGHTEN IT TO 25 N.CM WITH THE SQUARE-TIPPED SCREWDRIVER (P/N 0014 OR P/N 0114). IT IS RECOMMENDED TO CARRY OUT A X-RAY CHECK ONCE THE ABUTMENT IS SCREWED.

2 - TAKE AN IMPRESSION WITH THE IMPRESSION COPYINGS:

CLOSED TRAY

P/N 321



OPEN TRAY

P/N 322



3 - POSITION THE PROSTHESIS IN THE PATIENT MOUTH AND SCREW IT WITH THE RETAINING SCREWS P/N 0216 AND TIGHTEN THEM TO 25N.CM WITH THE SCREWDRIVER P/N 0014 OR 0114.



ACCESSORIES & INSTRUMENTS FOR MORSE TAPER CONNECTION



Ratchets



Ratchet P/N 415

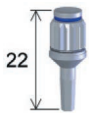


Ratchet + central part
P/N 414

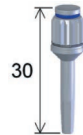


central part P/N 416

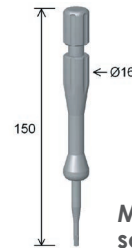
Screwdrivers



Hex-tipped screwdriver, short P/N 0046



Hex-tipped screwdriver, long P/N 0146



Manual screwdriver to screw the implant P/N 0846



Screwdriver for relating instruments (short model)
P/N 0014



Screwdriver for relating instruments (long model) P/N 0114

Instruments



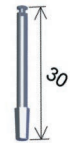
Instruments with dental shank, square-tipped instrument (short) P/N 1014



Instruments with dental shank, square-tipped instrument (long) P/N 1114



Instruments with dental shank, hex-tipped instrument (short) P/N 1046



Instruments with dental shank, hex-tipped instrument (long) P/N 1146



Manual thread tap, hardened stainless steel P/N TAR M2



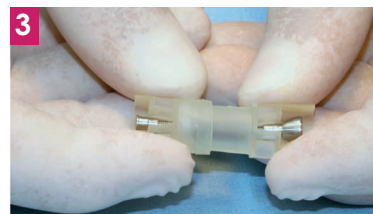
Instrument extension P/N 406



Double Use :
- Abutment remover for tapered implants (ID^{CAM} and ID^{ALL} product lines)
- New square-tipped for relating instruments (as P/N 0114)

PACKAGING FOR IDI IMPLANTS

A DOUBLE STERILE PACKAGING



Method 1: Pick up the implant with a contra-angle



Press



Remove

Method 2: Pick up the implant manually

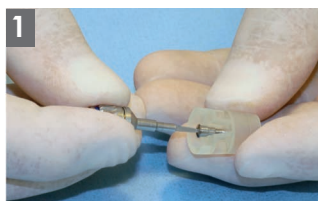


Press

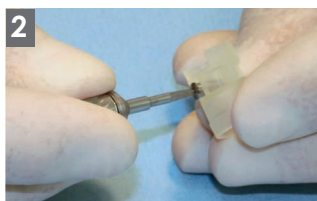


Remove

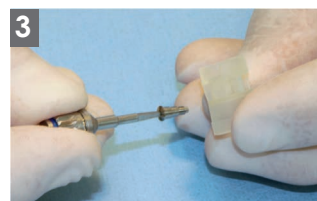
Pick up the closing cap from the packaging



Insert the screwdriver

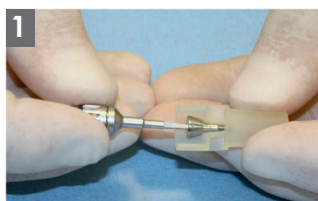


Rotate by 90°

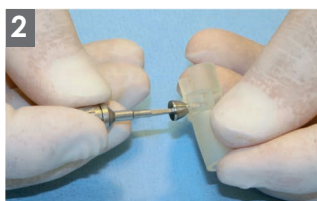


Remove

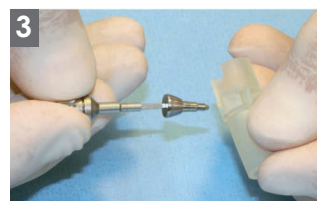
Pick up the healing cap from the lower part of the packaging



Insert the screwdriver



Rotate by 90°



Remove



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