



**IMPLANTS DIFFUSION
INTERNATIONAL**
Since 1987



2017 PRODUCT CATALOG
Hexagonal Range / **ID^{MAX}**



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 puts 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

HEXAGONAL CONNECTION /



ID^{MAX}

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Fixed prosthesis	
Removable prosthesis	
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Fixed prosthesis	
Removable prosthesis	

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SURGICAL DRILLS &
SET

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FOCUS
ON PROSTHETICS

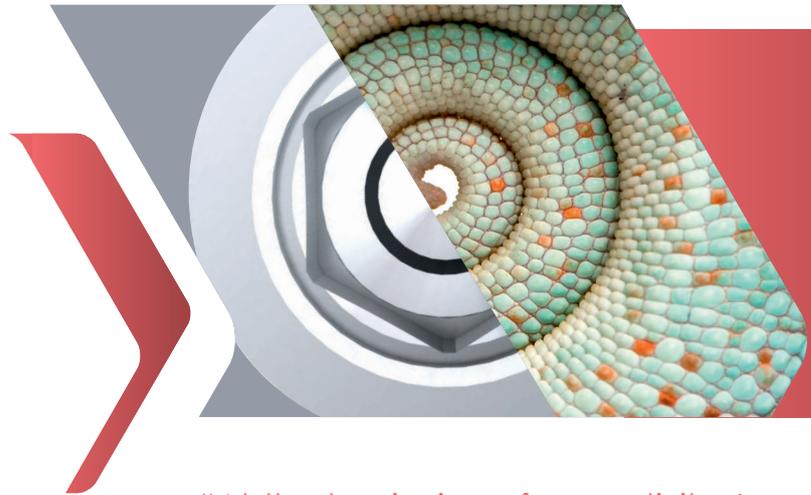
29

ACCESSORIES
& INSTRUMENTS

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PACKAGING
OF IDI IMPLANTS

HEXAGONAL CONNECTION



"At the beginning of my activity, I used to work with flared neck cylindro-tapered implants. I tried the ID^{MAX} implant and I have no regret. Its aesthetic neck allowed me to treat several difficult cases with a low gum height. "

Dr Marc D. (France)

ID^{MAX}

Range



Range ID^{MAX} /

Instructions for use:

ID^{MAX} 4

1. Last drill in the sequence: diameter 3.5 mm.
2. Omit the profile drill stage.
3. Use a hexagonal screwdriver P/N 1146, 1046, 0146, 0046 to insert the implant.
4. The ID^{MAX} 4 type implants can be set using the one-step, the one and half step or the two-step technique.
5. With poorly mineralized bone the last drill is only inserted up to a third of its length.
6. Use the manual thread tap P/N TAR4.

ID^{MAX} 5

1. Last drill in the sequence: diameter 4 mm.
2. Omit the profile drill stage.
3. Use a hexagonal screwdriver P/N 1146, 1046, 0146, 0046 to insert the implant.
4. The ID^{MAX} 5 type implants can be set using the one-step, the one and half step or the two-step technique.
5. With poorly mineralized bone the last drill is only inserted up to a third of its length.
6. Use the manual thread tap P/N TAR5.

ID^{MAX} 6

1. Last drill in the sequence: diameter 5,4 mm.
2. Omit the profile drill stage.
3. Use a hexagonal screwdriver P/N 1146, 1046, 0146, 0046 to insert the implant.
4. The ID^{MAX} 6 type implants can be set using the one-step, the one and half step or the two-step technique.
5. With poorly mineralized bone the last drill is only inserted up to a third of its length.
6. Use the manual thread tap P/N TAR6.

Gold-polished
aesthetic
neck

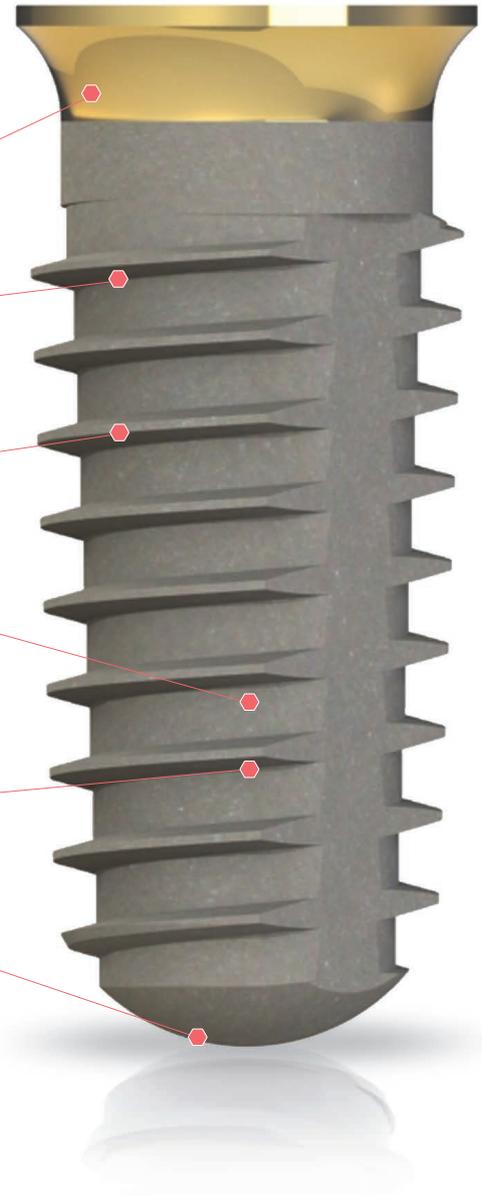
Penetrating
threads

Cylindro-
tapered

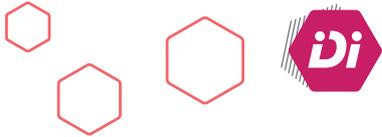
S.M.A. TiO₂ state
of surface

Ti6Al4V ELI
TITANIUM ALLOY

Convex apex



HEXAGONAL CONNECTION



IDMAX IMPLANT RANGE

IMPLANT TYPE	LENGTH Color code*	P/N	EMERGENCE		
			4,4	4,9	6,6
Ø 4 mm	6	IM+ 0640			
Ø 5 mm	6	IM+ 0650			
Ø 4 mm	8	IM+ 0840			
Ø 5 mm	8	IM+ 0850			
Ø 6 mm	8	IM+ 0860			
Ø 4 mm	10	IM+ 1040			
Ø 5 mm	10	IM+ 1050			
Ø 6 mm	10	IM+ 1060			
Ø 4 mm	12	IM+ 1240			
Ø 5 mm	12	IM+ 1250			
Ø 6 mm	12	IM+ 1260			
Ø 4 mm	15	IM+ 1540			
Ø 5 mm	15	IM+ 1550			
Ø 6 mm	15	IM+ 1560			

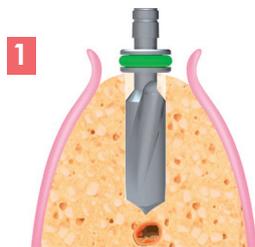
*On each implant packaging there is a small colored sticker to match with the implant length. The code for each color is related to the one found on the RBS drills for the implants with a hexagonal connection:

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

All the dimensions are in millimeters.

SURGICAL PROTOCOL

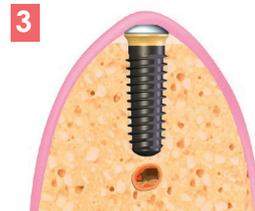
EXAMPLE OF AN ID^{MAX} IMPLANT PLACEMENT



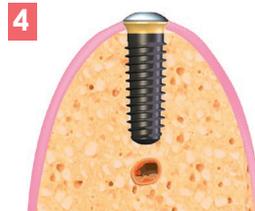
1 Complete the drilling sequence - omitting the profile drill stage, until the required length and diameter are attained. Drill with irrigation at 650 rpm. If drilling procedure with bone harvesting: 150 rpm.



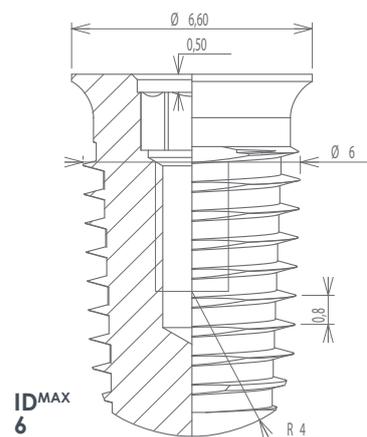
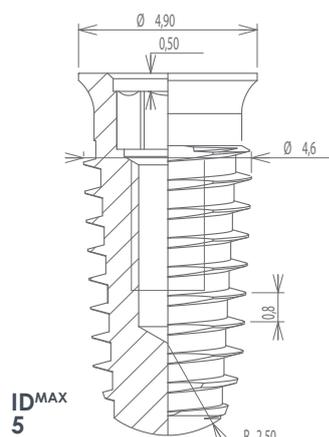
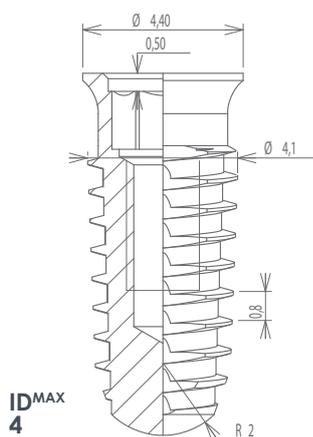
2 Insert the implant so that the gold neck remains exposed supracrestally.



3 Insert the closing cap into the implant and suture.



4 The implant is covered with a membrane after six weeks if the gum has attained physiological thickness.

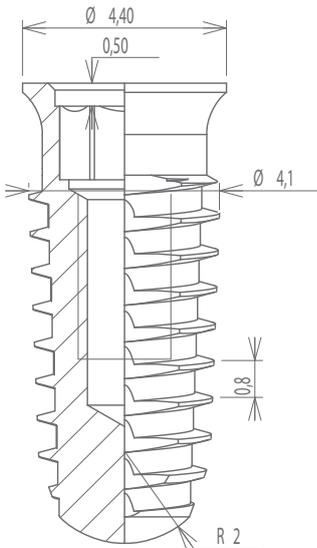




Ø4,4 MM ID^{MAX} EMERGENCE

Ø4,4 MM

ID^{MAX}



Ø4,4 ID^{MAX} Implants

	Length: 6 mm – Diameter 4,4 mm		IM+ 640
	Length: 8 mm – Diameter 4,4 mm		IM+ 840
	Length: 10 mm – Diameter 4,4 mm		IM+ 1040
	Length: 12 mm – Diameter 4,4 mm		IM+ 1240
	Length: 15 mm – Diameter 4,4 mm		IM+ 1540

Closing cap



Ø 4,4 mm closing cap

441

Healing cap



Ø 4,4 mm healing cap; height: 5 mm

413



Ø 4,4 mm healing cap; short head; height: 3,2 mm

413C



Ø 4,4 mm healing cap; long head; height: 6,5 mm

413L

IMPORTANT NOTICE:

This Closing and Healing CAPS have to be used with the screwdrivers P/N 0014, 0114, 1014, 1114 and 0148 or 403. (Please refer to page 29)

Prosthetic components

Ø4,4MM EMERGENCE

FIXED PROSTHESIS

Impression copyings			Golden tapped Hexagonal abutments		
	Rotational, straight (for solidarized elements)	7210		Abutment, 5° angled + retaining screw P/N 0215	AM 44.05G
	Rotational, conical (for solidarized elements)	7211		Abutment, 15° angled + retaining screw P/N 0215	AM 44.15G
	Non rotational, closed tray technique (for an unitary implant)	905		Abutment, 23° angled + retaining screw P/N 0215	AM 44.23G
	Non rotational, pick-up technique, (for an unitary implant)	906		Ø 4,4 mm, 0-18° + retaining screw P/N 0215	HTU4G
Implant analog			Retaining screws		
	For Ø 4,4 mm ID ^{MAX} implant	423		Golden Retaining screw for tapped screw-retained elements (Screw head: Ø 2,2 mm)	0215
				For prosthesis: ≤ 25 N.cm maximum (Screw head: Ø 2,5 mm)	1414
Titanium transgingival kits*			Titanium abutments for a temporary tooth		
	Non rotational element, 0,5 mm high Titanium basis & Burnout element Screw P/N 6140	6440H		Non rotational Ø 4,4 mm incl. screw P/N 1414	APPH44
	Rotational element, 0,5 mm high Titanium basis & Burnout element Screw P/N 6140	6440R		Rotational Ø 4,4 mm incl. screw P/N 1414	APPR44
	Non rotational element, 1,5 mm high Titanium basis & Burnout element Screw P/N 6141	6441H			
	Rotational element, 1,5 mm high Titanium basis & Burnout element Screw P/N 6141	6441R			
	Non rotational element, 2,5 mm high Titanium basis & Burnout element Screw P/N 6142	6442H			
	Rotational element, 2,5 mm high Titanium basis & Burnout element Screw P/N 6142	6442R			
Burnout cylinders					
				Rotational incl. retaining screw P/N 1414	418S
				Non rotational incl. retaining screw P/N 1414	H426S

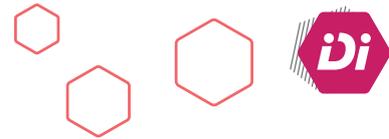
*New colors available from January 2017

IMPORTANT NOTICE:

ALL prosthetic elements have to be used with the screwdrivers P/N 0014, 0114, 1014, 1114 and 0148.
(Please refer to page 29)

All the dimensions are in millimeters.

HEXAGONAL CONNECTION



Ø4,4 MM

IDMAX

FIXED PROSTHESIS

CEREC		
	Scanpost (small) + screw P/N 0211	73HS
	Titanium abutment basis, for lab + screw P/N 0215	7344
	Omicam Scanbody (small)	6431311
	Bluecam Scanbody (small)	6431295

Zirconia TiBase		
	Titanium abutment basis + screw P/N 1414	7544

Gold cylinders		
	Cylinder, gold, non rotational to cast on + screw P/N 1414	ASH44
	Cylinder, gold, rotational to cast on + screw P/N 1414	ASR44

REMOVABLE PROSTHESIS

IDUnit		
	IDUnit attachment Transgingival height: 1 mm	U4401
	IDUnit attachment Transgingival height: 2,5 mm	U4402
	IDUnit attachment Transgingival height: 4 mm	U4404
	IDUnit attachment Transgingival height: 6 mm	U4406
	17° angled IDUnit attachment (1 mm high) + screw P/N 0215	U4421
	30° angled IDUnit attachment (1 mm high) + screw P/N 0215	U4431
	IDUnit analog	333
	IDUnit burnout element + screw P/N 0216	336S
	Temporary titanium cylinder for IDUnit attachment + screw P/N 0216	334
	Impression copying, monobloc, to be screwed	321
	IDUnit impression copying, Pick-up technique	322
	IDUnit healing cap	330
	Retaining screw for prosthetic elements P/N 334, 336; Torque ≤ 15 N.cm	0216

Non contractual pictures

Ø4,4MM EMERGENCY

REMOVABLE PROSTHESIS

IDLoc			
IDLoc attachments		Transgingival height: 1 mm	L4401
		Transgingival height: 2,5 mm	L4402
		Transgingival height: 4 mm	L4404
		Transgingival height: 6 mm	L4406
Impression copying		Impression copying, plastic	432
Analog		IDLoc analog	433
Box		Female part	LOCFEM

Spherical attachments

	Transgingival height: 1 mm	222441
	Transgingival height: 2,5 mm	222442
	Transgingival height: 4 mm	222444
	Transgingival height: 6 mm	222446

Boxes for spherical attachments

	O'ring, Height: 3,5 mm External Ø : 5 mm	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	944
	Magnetic	0940

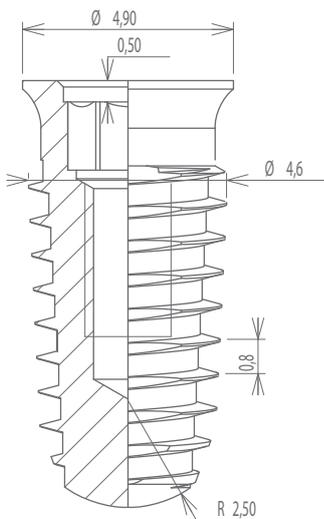
All the dimensions are in millimeters.



Ø 5 MM ID^{MAX} EMERGENCE

Ø 5 MM

ID^{MAX}



Ø 5 ID^{MAX} Implants

	Length: 6 mm – Diameter 5 mm		IM+ 650
	Length: 8 mm – Diameter 5 mm		IM+ 850
	Length: 10 mm – Diameter 5 mm		IM+ 1050
	Length: 12 mm – Diameter 5 mm		IM+ 1250
	Length: 15 mm – Diameter 5 mm		IM+ 1550

Closing cap



Ø 4,9 mm closing cap

541

Healing cap



Ø 4,9 mm healing cap; height: 5 mm

513



Ø 4,9 mm healing cap; short head; height: 3,2 mm

513C



Ø 4,9 mm healing cap; long head; height: 6,5 mm

513L

IMPORTANT NOTICE:

This Closing and Healing CAPS have to be used with the screwdrivers P/N 0014, 0114, 1014, 1114 and 0148 or 403. (Please refer to page 29)

Prosthetic components

Ø5MM

EMERGENCE

FIXED PROSTHESIS

Impression copyings			Golden tapped Hexagonal abutments		
	Rotational, straight (for solidarized elements)	7210		Abutment, 5° angled + retaining screw P/N 0215	AM 50.05G
	Rotational, conical (for solidarized elements)	7211		Abutment, 15° angled + retaining screw P/N 0215	AM 50.15G
	Non rotational, closed tray technique (for an unitary implant)	905		Abutment, 23° angled + retaining screw P/N 0215	AM 50.23G
	Non rotational, pick-up technique, (for an unitary implant)	906		Ø 5 mm, 0-18° + retaining screw P/N 0215	HTU5G
Implant analog			Retaining screws		
	For Ø 4,9 mm ID ^{MAX} implant	523		Golden Retaining screw for tapped screw-retained elements (Screw head: Ø 2,2 mm)	0215
				For prosthesis: ≤ 25 N.cm maximum (Screw head: Ø 2,5 mm)	1414
Titanium transgingival kits*			Titanium abutments for a temporary tooth		
	Non rotational element, 0,5 mm high Titanium basis & Burnout element Screw P/N 6140	6500H		Non rotational Ø 4,9 mm incl. screw P/N 1414	APPH50
	Rotational element, 0,5 mm high Titanium basis & Burnout element Screw P/N 6140	6500R		Rotational Ø 4,9 mm incl. screw P/N 1414	APPR50
	Non rotational element, 1,5 mm high Titanium basis & Burnout element Screw P/N 6141	6501H			
	Rotational element, 1,5 mm high Titanium basis & Burnout element Screw P/N 6141	6501R			
	Non rotational element, 2,5 mm high Titanium basis & Burnout element Screw P/N 6142	6502H			
	Rotational element, 2,5 mm high Titanium basis & Burnout element Screw P/N 6142	6502R			
Burnout cylinders					
				Rotational incl. retaining screw P/N 1414	518S
				Non rotational incl. retaining screw P/N 1414	H526S

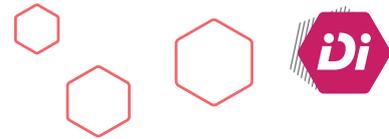
*New colors available from January 2017

IMPORTANT NOTICE:

ALL prosthetic elements have to be used with the screwdrivers P/N 0014, 0114, 1014, 1114 and 0148. (Please refer to page 29)

All the dimensions are in millimeters.

HEXAGONAL CONNECTION



Ø5 MM

IDMAX

FIXED PROSTHESIS

CEREC		
	Scanpost (large) screw P/N 0211	73HL
	Titanium abutment basis, for lab + screw P/N 0215	7350
	Omicam Scanbody (large)	6431329
	Bluecam Scanbody (large)	6431303

Zirconia TiBase		
	Titanium abutment basis + screw P/N 1414	7550

Gold cylinders		
	Cylinder, gold, non rotational to cast on + screw P/N 1414	ASH50
	Cylinder, gold, rotational to cast on + screw P/N 1414	ASR50

REMOVABLE PROSTHESIS

IDUnit		
	IDUnit attachment Transgingival height: 1 mm	U5201
	IDUnit attachment Transgingival height: 2,5 mm	U5202
	IDUnit attachment Transgingival height: 4 mm	U5204
	IDUnit attachment Transgingival height: 6 mm	U5206
	17° angled IDUnit attachment (1 mm high) + screw P/N 0215	U5221
	30° angled IDUnit attachment (1 mm high) + screw P/N 0215	U5231
	IDUnit analog	333
	IDUnit burnout element + screw P/N 0216	336S
	Temporary titanium cylinder for IDUnit attachment + screw P/N 0216	334
	Impression copying, monobloc, to be screwed	321
	IDUnit impression copying, Pick-up technique	322
	IDUnit healing cap	330
	Retaining screw for prosthetic elements P/N 334, 336; Torque ≤ 15 N.cm	0216

Non contractual pictures

REMOVABLE PROSTHESIS

IDLoc			
IDLoc attachments		Transgingival height: 1 mm	L5001
		Transgingival height: 2,5 mm	L5002
		Transgingival height: 4 mm	L5004
		Transgingival height: 6 mm	L5006
Impression copying		Impression copying, plastic	432
Analog		IDLoc analog	433
Box		Female part	LOCFEM

Spherical attachments

	Transgingival height: 1 mm	222501
	Transgingival height: 2,5 mm	222502
	Transgingival height: 4 mm	222504
	Transgingival height: 6 mm	222506

Boxes for spherical attachments

	O'ring, Height: 3,5 mm External Ø : 5 mm	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	951
	Magnetic	0940

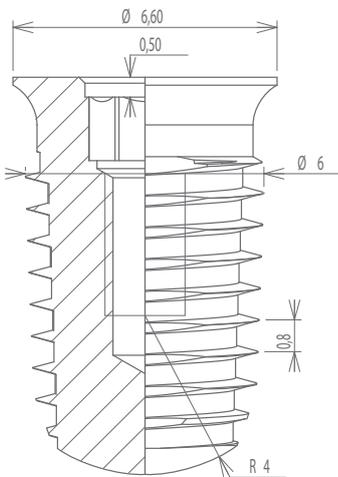
All the dimensions are in millimeters.



Ø 6,6 MM ID^{MAX} EMERGENCE

Ø 6,6 MM

ID^{MAX}



Ø 6,6 ID^{MAX} Implants

	Length: 8 mm – Diameter 6,6 mm		IM+ 860
	Length: 10 mm – Diameter 6,6 mm		IM+ 1060
	Length: 12 mm – Diameter 6,6 mm		IM+ 1260
	Length: 15 mm – Diameter 6,6 mm		IM+ 1560

Closing cap



Ø 6,6 mm closing cap

641

Healing cap



Ø 6,6 mm cylindrical healing cap; height: 2,5 mm

613C



Ø 6,6 mm cylindrical healing cap; height: 5 mm

613

IMPORTANT NOTICE:

This Closing and Healing CAPS have to be used with the screwdrivers P/N 403, 403M 403ML and 403L.
(Please refer to page 29)

Prosthetic components

Ø 6,6 MM EMERGENCE

FIXED PROSTHESIS

Impression copyings

	Rotational, straight (for solidarized elements)	7210
	Rotational, conical (for solidarized elements)	7211
	Non rotational, closed tray technique (for an unitary implant)	905
	Non rotational, pick-up technique, (for an unitary implant)	906

Golden tapped Hexagonal abutments

	Abutment, 5° angled + retaining screw P/N 1414	AM 60.05
	Abutment, 15° angled + retaining screw P/N 1414	AM 60.15
	Abutment, 23° angled + retaining screw P/N 1414	AM 60.23
	Ø 5 mm, 0-18° + retaining screw P/N 1414	HTU6

Burnout cylinders

	Rotational incl. retaining screw P/N 1414	618S
	Non rotational incl. retaining screw P/N 1414	H626S

Retaining screws

	Golden Retaining screw for tapped screw-retained elements (Screw head: Ø 2,2 mm)	0215
	For prosthesis: ≤ 25 N.cm maximum (Screw head: Ø 2,5 mm)	1414

Implant analog

	For Ø 6,6 mm ID ^{MAX} implant	623
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Titanium abutments for a temporary tooth

	Non rotational Ø 6,6 mm incl. screw P/N 1414	APPH60
	Rotational Ø 6,6 mm incl. screw P/N 1414	APPR60

Zirconia TiBase

	Titanium abutment basis + screw P/N 1414	7550
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Gold cylinders

	Cylinder, gold, non rotational to cast on + screw P/N 1414	ASH60
	Cylinder, gold, rotational to cast on + screw P/N 1414	ASR60

Titanium transgingival kits*

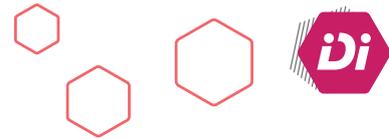
	Non rotational element, 0,5 mm high Titanium basis & Burnout element Screw P/N 6140	6500H
	Rotational element, 0,5 mm high Titanium basis & Burnout element Screw P/N 6140	6500R
	Non rotational element, 1,5 mm high Titanium basis & Burnout element Screw P/N 6141	6501H
	Rotational element, 1,5 mm high Titanium basis & Burnout element Screw P/N 6141	6501R
	Non rotational element, 2,5 mm high Titanium basis & Burnout element Screw P/N 6142	6502H
	Rotational element, 2,5 mm high Titanium basis & Burnout element Screw P/N 6142	6502R

*New colors available from January 2017

IMPORTANT NOTICE:

ALL prosthetic elements have to be used with the screwdrivers P/N 0014, 0114, 1014, 1114 and 0148. (Please refer to page 29)

HEXAGONAL CONNECTION



Ø6,6 MM

IDMAX

REMOVABLE PROSTHESIS

IDUnit			
IDUnit elements		IDUnit attachment, Transgingival height: 1 mm	U5001
		IDUnit attachment, Transgingival height: 2,5 mm	U5002
		IDUnit attachment, Transgingival height: 4 mm	U5004
		IDUnit attachment, Transgingival height: 6 mm	U5006
		17° angled IDUnit attachment (1 mm high) + screw P/N 0215	U5021
		30° angled IDUnit attachment (1 mm high) + screw P/N 0215	U5031
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 ≤ 15 N.cm	0216

Non contractual pictures

Ø 6,6 MM EMERGENCY

REMOVABLE PROSTHESIS

IDLoc			
IDLoc attachments		Transgingival height: 1 mm	L5001
		Transgingival height: 2,5 mm	L5002
		Transgingival height: 4 mm	L5004
		Transgingival height: 6 mm	L5006
Impression copying		Impression copying, plastic	432
Analog		IDLoc analog	433
Box		Female part	LOCFEM

Spherical attachments

	Transgingival height: 1 mm	222501
	Transgingival height: 2,5 mm	222502
	Transgingival height: 4 mm	222504
	Transgingival height: 6 mm	222506

Boxes for spherical attachments

	O-ring, Height: 3,5 mm External Ø : 5 mm	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	951
	Magnetic	0940

CYLINDRICAL RBS DRILLS

RBS drills for harvesting bone were developed and tested in cooperation with dental hospitals. They are precisely tailored to user requirements and meet the highest standards of implantology and periodontal implantology.

Manufactured in accordance with the medical products directive, RBS drills are made of hardened stainless steel. Their excellent cutting capacity ensures tissue heating is kept to an absolute minimum.

NB: Drills with a diameter of 1,5 and 2 mm do not have a bone-harvesting channel.

Depth stop

Limits how deep the drill can be inserted, determining the maximum drilling depth.

Bone-harvesting channel

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

Markings

Markings on the shank indicate the diameter of the drill:

Example for the IDI implants.

- 1 notch = Ø 1,5 mm
- 2 notches = Ø 2,0 mm
- 3 notches = Ø 2,5 mm
- 4 notches = Ø 3,0 mm
- 5 notches = Ø 3,5 mm
- 6 notches = Ø 4,0 mm
- 7 notches = Ø 4,5 mm
- 8 notches = Ø 5,4 mm

Color code

The depth stop color indicates the maximum drill depth (+/- 0,5 mm).

Example for the IDI implants:

- Black = 6 mm
- Yellow = 8 mm
- Red = 10 mm
- Green = 12 mm
- Blue = 15 mm

Drill head

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

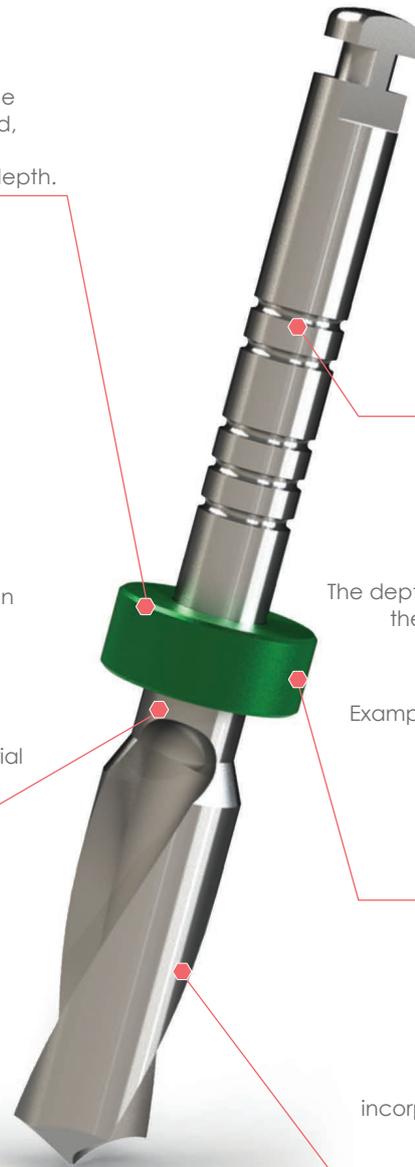
Drilling procedure without bone harvesting

Use the drills in an increasing sequence (in 0,5 mm stages) at a rotary speed of 650 rpm with ample cooling to avoid heating the bone.

Drilling procedure with bone harvesting

- Use the drills in an increasing sequence (in 0.5 stages) at a rotary speed of 150 rpm without cooling.
- When the bone-harvesting channel is full, place the drill in a

cup with physiological solution until the bone material loosens and settles on the bottom of the cup. Soak up the physiological solution and collect the bone material for the bone graft.



RBS SURGICAL SETS

The RBS surgical set may be supplied with 12, 20 or 24 cylindrical RBS drills as well as 10 ancillaries needed to place the IDI implants. This set can be used for placing numerous implant types with an internal or external hexagon. *NB : drills with a diameter of 1.5 and 2 mm do not have a bone-harvesting channel.*



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.

COLOR CODE	NOTCHES	P/N	NOTCHES	P/N	NOTCHES	P/N	NOTCHES	P/N	NOTCHES	P/N	NOTCHES	P/N
— ● —	1	815	2	820	3	R 825	4	R 830	5	R 835	6	R 840
— ● —	1	1015	2	1020	3	R 1025	4	R 1030	5	R 1035	6	R 1040
— ● —	1	1215	2	1220	3	R 1225	4	R 1230	5	R 1235	6	R 1240
— ● —	1	1515	2	1520	3	R 1525	4	R 1530	5	R 1535	6	R 1540

Set contents



Ratchet + central part

P/N 414



Paralleling help of Ø1,5 mm implant

P/N 409



Paralleling help of Ø1,5 mm implant, Long

P/N 407



Hand piece screwdriver for screwing of the implant

P/N 0046



Contra-angle screwdriver for screwing the implant

P/N 1146



Square-tipped screwdriver, long, width 2 mm for closing and healing caps*

P/N 403 ML



Square-tipped screwdriver, short, width 0,85 mm, for impression copyings**

P/N 405 M



Square-tipped screwdriver, width 2 mm for closing screw and healing cap

P/N 403



Instrument extension

P/N 406



Profile drill

P/N 401

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

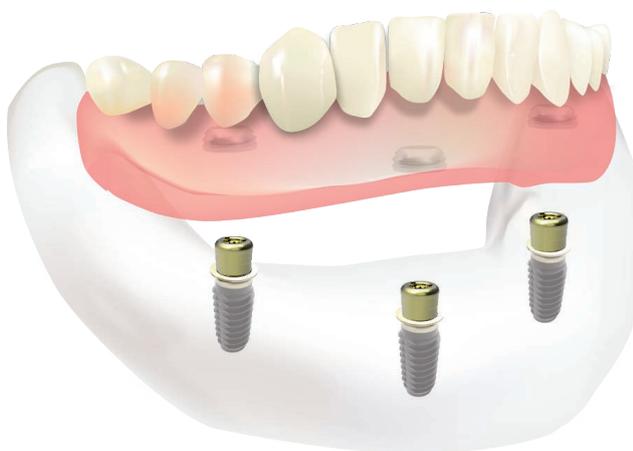


GENERAL PROSTHETIC APPROACH

**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 25 N.cm.



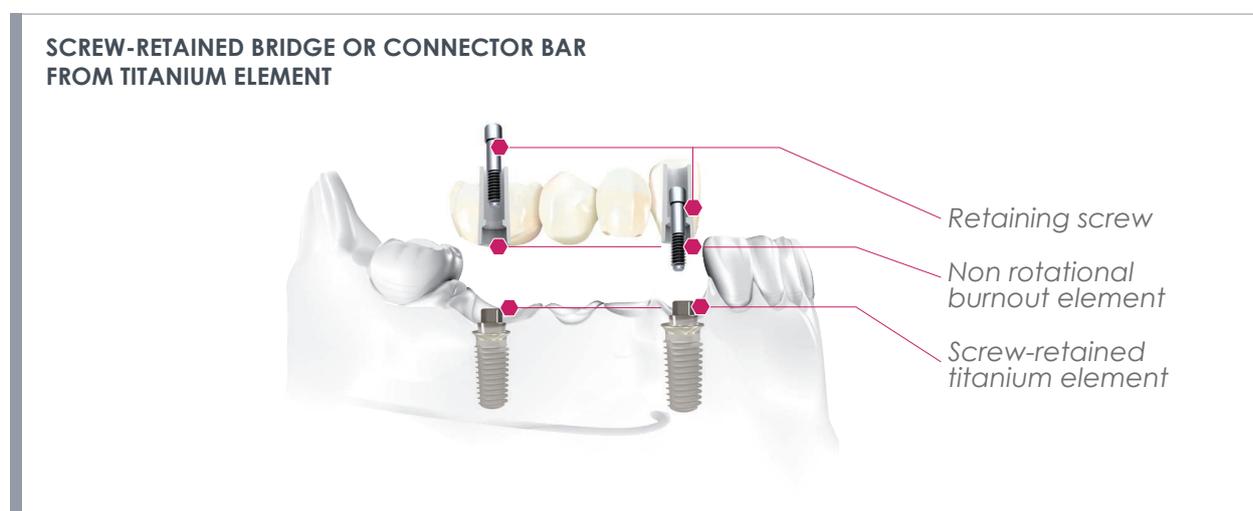
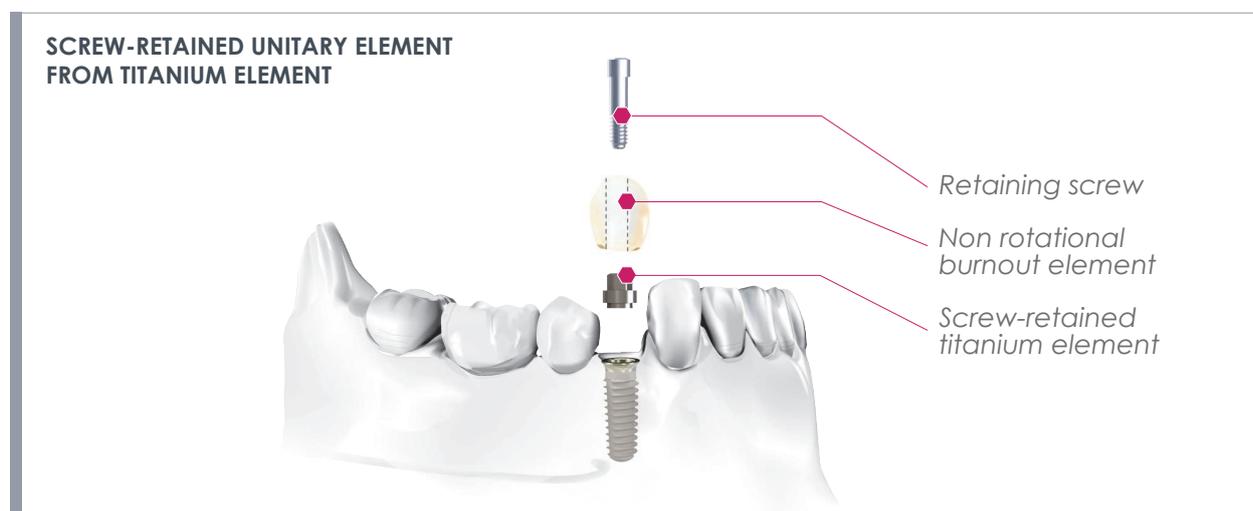
Zirconia abutment
basis + screw

Option for the preparation of a fixed prosthesis.

Focus on prosthetics

TRANSGINGIVAL TITANIUM KITS

PROSTHETIC REHABILITATION WITH A TITANIUM ELEMENT



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 1 MM 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 25 N.CM WITH THE SCREWDRIVER P/N 0014 OR 0114.



FOR HEXAGONAL CONNECTION



Ratchets



Ratchet

P/N 415



Ratchet
+ central part

P/N 414



central part

P/N 416

Thread taps



Bone thread tap
(Ø 4 mm)

P/N TAR 4



Bone thread tap
(Ø 5 mm)

P/N TAR 5



Bone thread tap
(Ø 6 mm)

P/N TAR 6



Manual thread tap,
hardened stainless steel

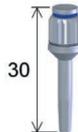
P/N TAR M2

Screwdrivers



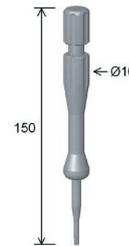
Hex-tipped screwdriver,
short

P/N 0046



Hex-tipped screwdriver,
long

P/N 0146



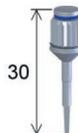
Manual screwdriver to
screw the implant

P/N 0846



Screwdriver for relating
instruments (short model)

P/N 0014



Screwdriver for relating
instruments (long model)

P/N 0114



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

P/N 0148



Square-tipped screwdriver,
long, width 1,4 mm,
for closing cap and healing
caps*

P/N 403 ML



Square-tipped screwdriver,
short, width 1,4 mm,
for closing cap and healing
caps*

P/N 403 M



Square-tipped screwdriver,
long, width 0,85 mm, for
impression copyings**

P/N 405 ML



Square-tipped screwdriver,
short, width 0,85 mm, for
impression copyings**

P/N 405 M

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



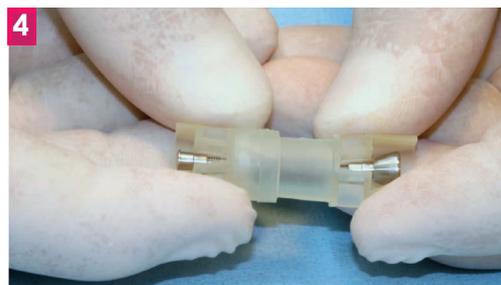
Instrument
extension

P/N 406

*Screwdriver for contra-angle P/N 403. ** Screwdriver for contra-angle P/N 405.

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



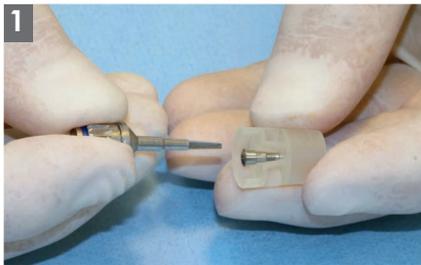
Press



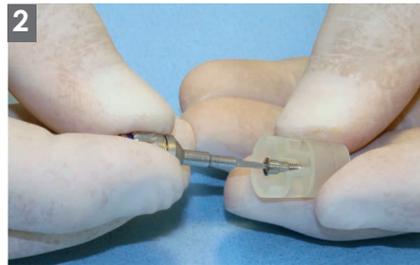
Remove



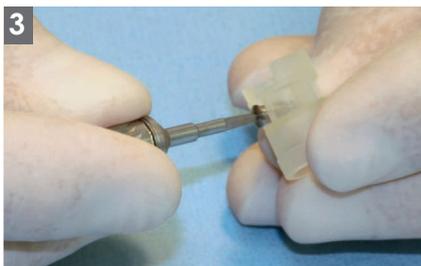
Pick up the closing cap from the packaging



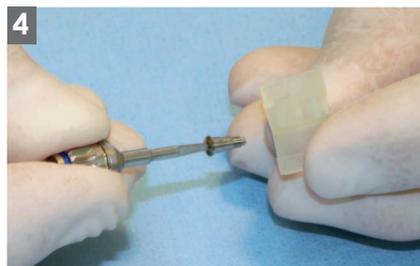
Take the packaging



Insert the screwdriver

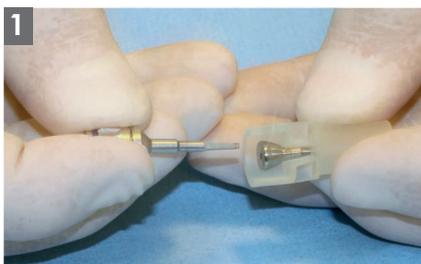


Rotate by 90°



Remove

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



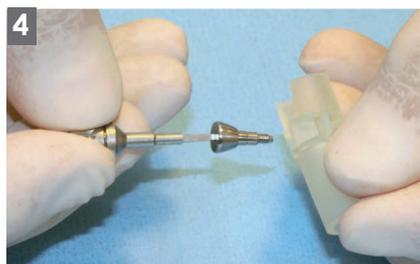
Take the packaging



Insert the screwdriver



Rotate by 90°



Remove

Cleaning and sterilisation instructions

1. Clean the instruments during 15 minutes in a decontamination bath with ultrasound
2. Rinse thoroughly
3. Dry perfectly
4. Sterilize for 90 minutes in a dry heat at 150° C or autoclave at 135° C for 20 minutes



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