Alfa-Gate

Dental Implants

Product Catalog

ISO 9001: 2000

ISO 13485

CE 0483

Alfa-Gate
Dental Implants

Simple and Easy

company profile

Alfa gate is since 1996 in dental implants field. The company develops and manufactures advanced dental implants systems and all related products.
Manufacturing & Packaging -
Alfa Gate products and packaging meet the international standards. Alfa-Gate products meet the ISO 13485, ISO 9001:2000 and the CE standards. Our world-class scientists and engineers are committed to the continuous research and development of advanced products and technologies for the global dental implant industry.
Product Design - Our specialties are implant and implant surfaces, considered
to be leaders on the market: the apical S.L.A (MACRO) 20-40+ implant surface, and the new surface Bioactive coating our new surface treatment is beta-tri-calcium phosphate, for a short osteointegration period

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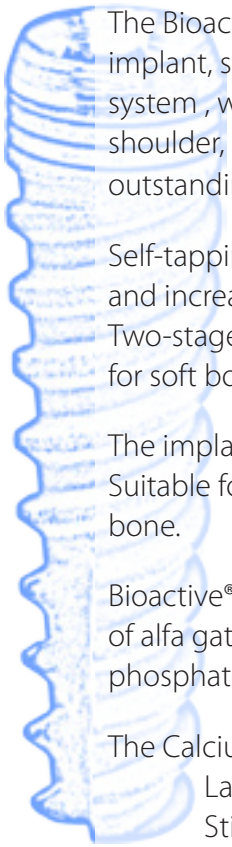
Bioactive implant

Bioactive implant section

- Cutting grooves remain intact for efficient self-tapping.
- Bioactive process does not round precision corner.
- 20-30 micron surface roughness.
- Resorbable Calcium Phosphate coating.

Bioactive implant



The Bioactive implants are Grade 5 titanium with microstructure, Internal hex implant, spiral, conical, self drilling, self tapping, double thread implants system , with deep and especially sharp threads decreasing towards the implant shoulder, enabling implant self-retention. The implant finds the way for outstanding primary stability even in sparse bone zones.

Self-tapping, this easy and quick insertion system prevents bone tissue trauma and increases the implant's external surface, accelerating the healing process. Two-stage implants can be used with all types of bones. They are recommended for soft bone and for dense bone.

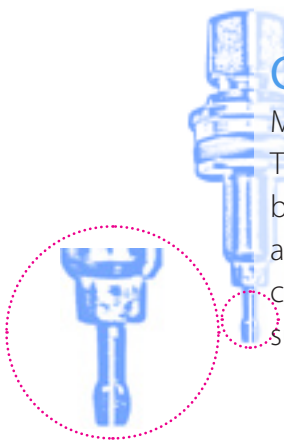
The implant is inserted via incision rather than clipping and crushing the bone. Suitable for immediate loading after extraction if there is sufficient compact bone.

Bioactive® coating is a newly developed electrochemical process for the coating of alfa gate dental implants in an aqueous solution containing calcium and phosphate ions.

The Calcium Phosphate coating properties:

Large active surface with high capillarity effect on blood.
Stimulation of the body's own osteosynthesis
Quick substitution of Bioactive® coating by young bone directly on the implant surface within 6 – 10 weeks postoperative.
Low coating thickness of 20-30 µm.
No long-term problems.

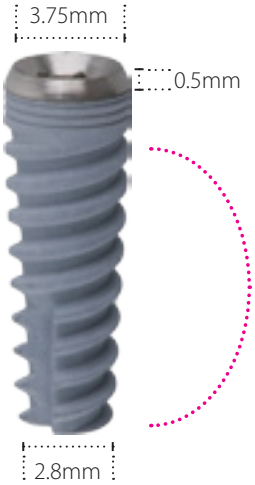
Subsequent to 10 days incubation on the implants, replication rates of osteoprogenitor cells was 600% greater on the CaP coated implant then on the S.L.A. surfaced implant.



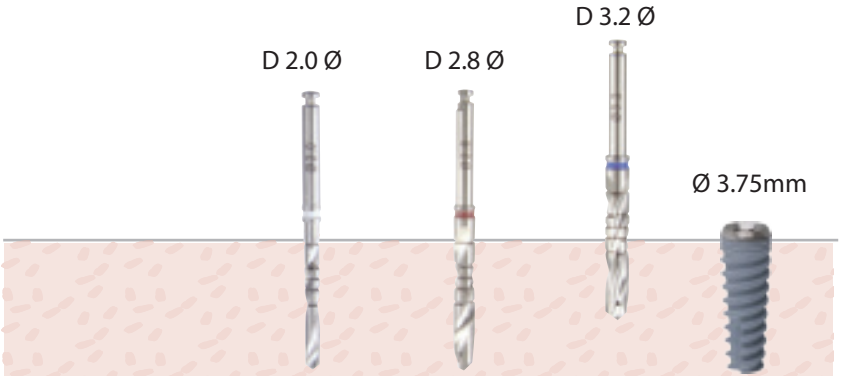
Quick connection®

Made of surgical steel and also used as a wrench for implant insertion.
The carrier connection to the implant is based on a spring with no screw and can be easily pulled out. The carrier facilitates the precise location of implant hex angle orientation during the implantation process via its wide external hex. The carrier aids in the planning of restoration and allows the implant to be aligned in such a way that the hex is parallel to the buccal jaw.

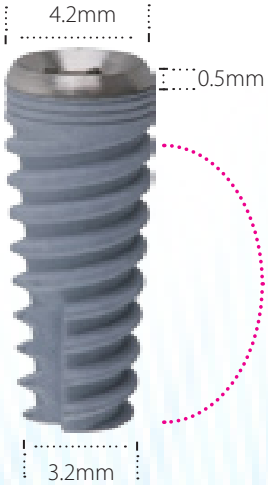
Ø 3.75mm



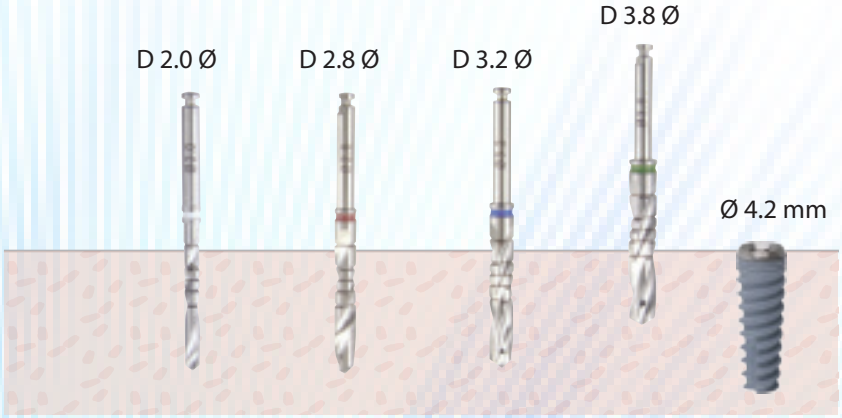
Cat No.	length	connection	coating
SCI8375	8	2.5 mm internal hexagon	CaP
SCI10375	10	2.5 mm internal hexagon	CaP
SCI115375	11.5	2.5 mm internal hexagon	CaP
SCI13375	13	2.5 mm internal hexagon	CaP
SCI16375	16	2.5 mm internal hexagon	CaP



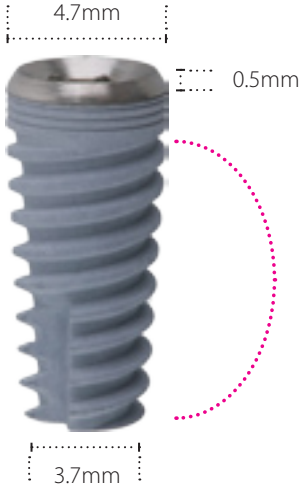
Ø 4.2 mm



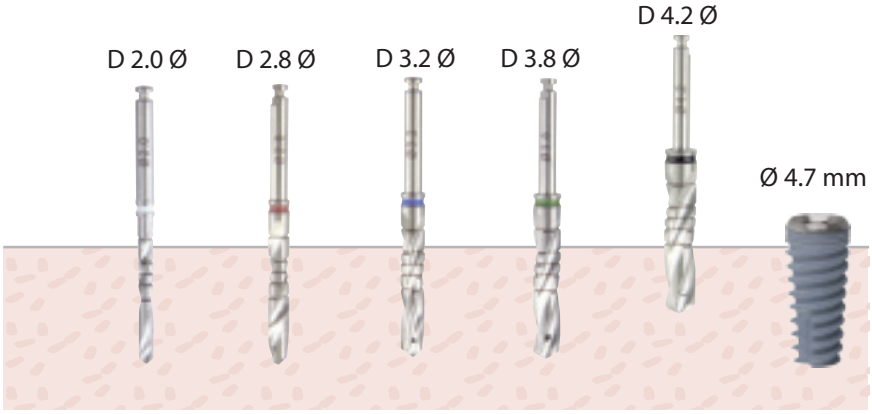
Cat No.	length	connection	coating
SCI642	6	2.5 mm internal hexagon	CaP
SCI842	8	2.5 mm internal hexagon	CaP
SCI1042	10	2.5 mm internal hexagon	CaP
SCI11542	11.5	2.5 mm internal hexagon	CaP
SCI1342	13	2.5 mm internal hexagon	CaP
SCI1642	16	2.5 mm internal hexagon	CaP



Ø 4.7 mm

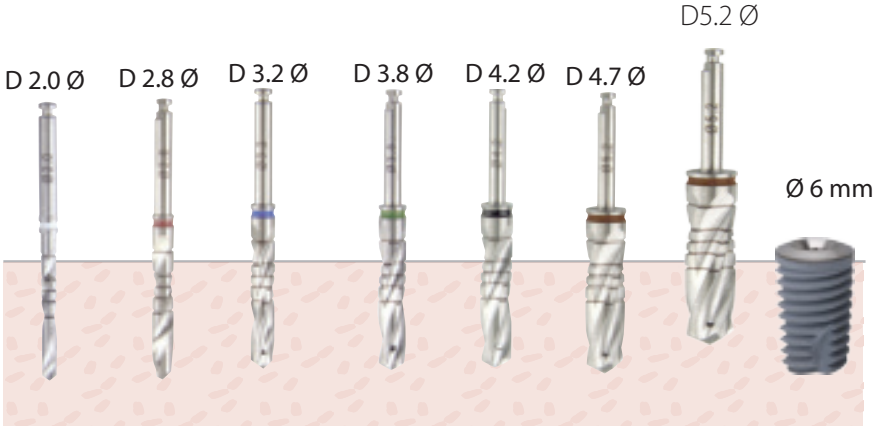


Cat No.	length	connection	coating
SCI647	6	2.5 mm internal hexagon	CaP
SCI847	8	2.5 mm internal hexagon	CaP
SCI1047	10	2.5 mm internal hexagon	CaP
SCI11547	11.5	2.5 mm internal hexagon	CaP
SCI1347	13	2.5 mm internal hexagon	CaP
SCI1647	16	2.5 mm internal hexagon	CaP



Ø 6 mm

Cat No.	length	connection	coating
SCI66	6	2.5 mm internal hexagon	CaP
SCI86	8	2.5 mm internal hexagon	CaP
SCI106	10	2.5 mm internal hexagon	CaP
SCI1156	11.5	2.5 mm internal hexagon	CaP
SCI136	13	2.5 mm internal hexagon	CaP
SCI166	16	2.5 mm internal hexagon	CaP



SLIM
IMPLANT

Slim Implant Section

- Cutting grooves remain intact for efficient self-tapping.
- Bioactive process does not round precision corner.
- 20-30 micron surface roughness.
- Resorbable Calcium Phosphate coating.

SLIM
IMPLANT

Slim

Characteristics: Titanium-5th grade. Auto-Advancing & Self-Tapping Implant. A thin, conical, One-Piece Implant/Abutment-Post. Intended for narrow alveolar ridges with sufficient depth. Recommended for immediate loading procedures.

DIAMETER: 3.0 mm, 3.3 mm, 3.75 mm.

LENGHTS: 10, 11, 5, 13 & 15 mm (including collar).

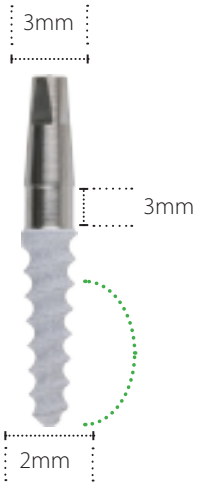
COLLAR: smooth, highly polished. 3 mm height.

ABUTMENTS HEIGHT : 8 mm. Non-Rotating Abutment.

Implant with reduced thread diameter and reduced abutment diameter especially for die narrow front of the lower jaw, Their optimal usage is for mild and dense bones and they are optional for use with soft bones.

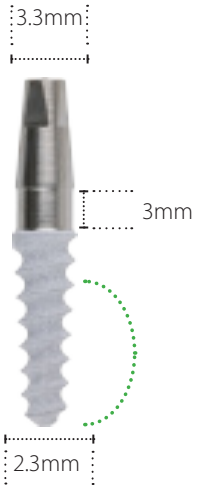
The mechanical preparations are optional but are only to be done in the patient's mouth, not in the lab.

Bioactive coated, Calcium Phosphate (CaP) 610- weeks post oporative healing time.



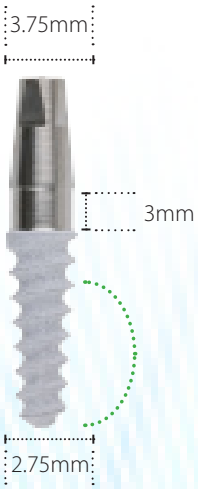
Ø 3.0 mm

Cat No.	length	connection	coating
SL103	10	One-Piece Implant Abutment	CaP
SL1153	11.5	One-Piece Implant Abutment	CaP
SL133	13	One-Piece Implant Abutment	CaP
SL153	15	One-Piece Implant Abutment	CaP



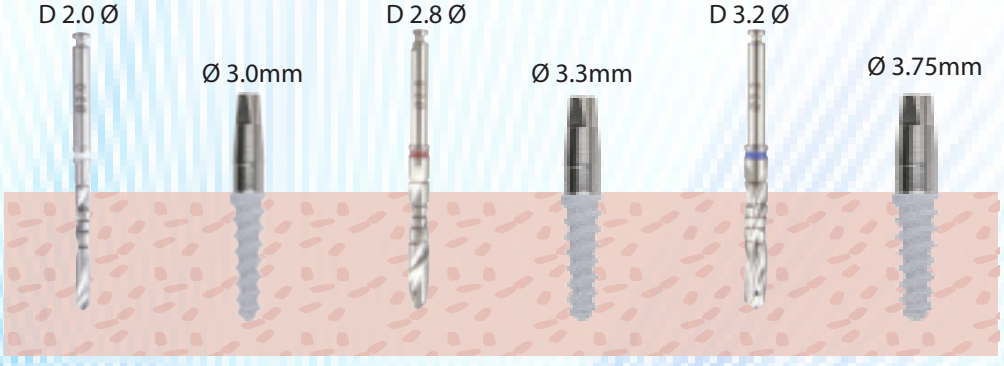
Ø 3.3 mm

Cat No.	length	connection	coating
SL1033	10	One-Piece Implant Abutment	CaP
SL11533	11.5	One-Piece Implant Abutment	CaP
SL1333	13	One-Piece Implant Abutment	CaP
SL1533	15	One-Piece Implant Abutment	CaP



Ø 3.75 mm

Cat No.	length	connection	coating
SL10375	10	One-Piece Implant Abutment	CaP
SL115375	11.5	One-Piece Implant Abutment	CaP
SL13375	13	One-Piece Implant Abutment	CaP
SL15375	15	One-Piece Implant Abutment	CaP



Alfa Gate package

DFCI
IMPLANT

DFCI Implant Section

- Cutting grooves remain intact for efficient self-tapping.
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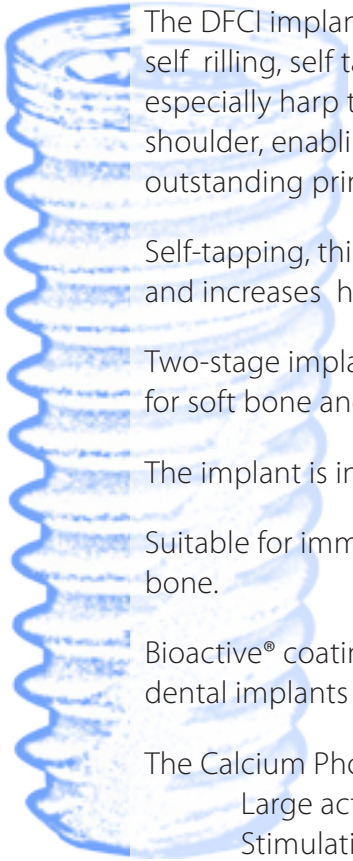
- Resorbable Calcium Phosphate coating.

DFCI IMPLANT



The DFCI implants are Grade 5 titanium with microstructure, Internal hex implant, self rilling, self tapping, Dual fit threads implants system , with deep and especially harp threads decreasing towards the implant shoulder, enabling implant self-retention. The implant finds the way for outstanding primary stability even in sparse bone zones.

Self-tapping, this easy and quick insertion system prevents bone tissue trauma and increases he implant's external surface, accelerating the healing process.

Two-stage implants can be used with all types of bones. They are recommended for soft bone and for dense bone.

The implant is inserted via incision rather than clipping and crushing the bone.

Suitable for immediate loading after extraction if there is sufficient compact bone.

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The Calcium Phosphate coating properties:

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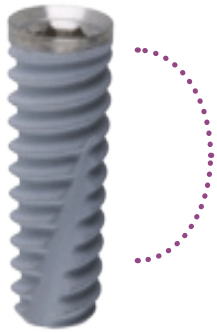
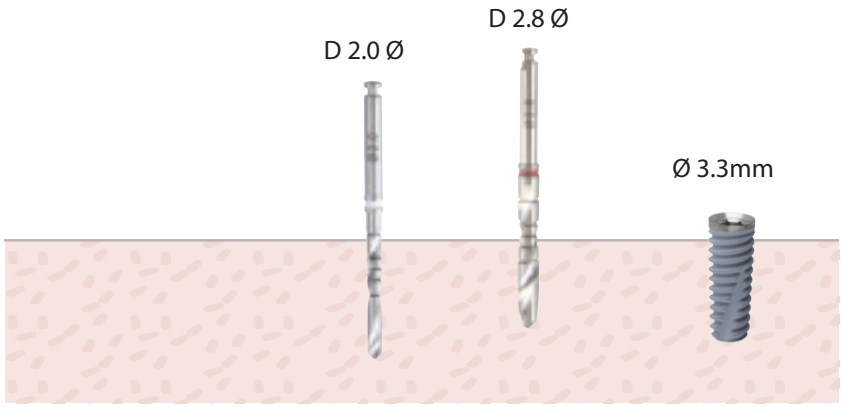
Stimulation of the body's own osteosynthesis
Quick substitution of Bioactive® coating by young bone directly on the implant surface within 6 – 10 weeks postoperative.
Low coating thickness of 20-30 µm.
No long-term problems.

Subsequent to 10 days incubation on the implants, replication rates of osteoprogenitor cells was 600% greater on the CaP coated implant then on the S.L.A. surfaced implant.

Ø 3.3mm

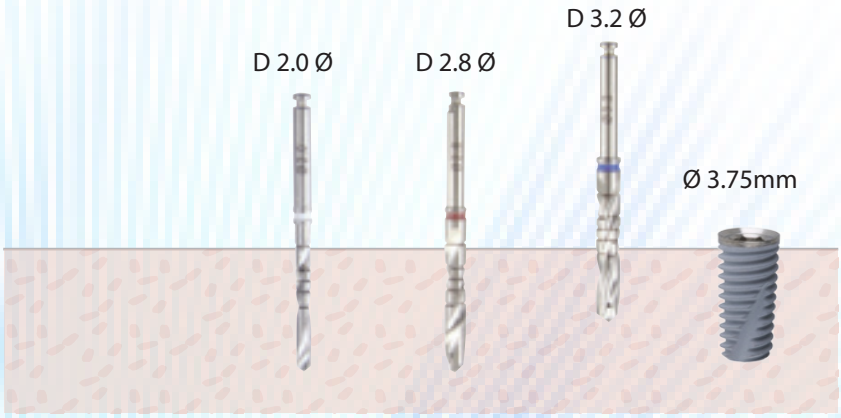


Cat No.	length	connection	coating
DFCI1033	10	2.5 mm internal hexagon	CaP
DFCI11533	11.5	2.5 mm internal hexagon	CaP
DFCI1333	13	2.5 mm internal hexagon	CaP
DFCI1633	16	2.5 mm internal hexagon	CaP

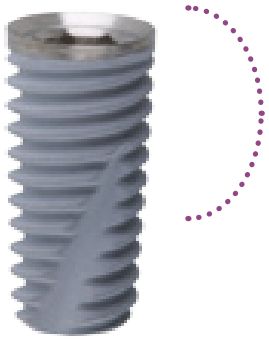


Ø 3.75 mm

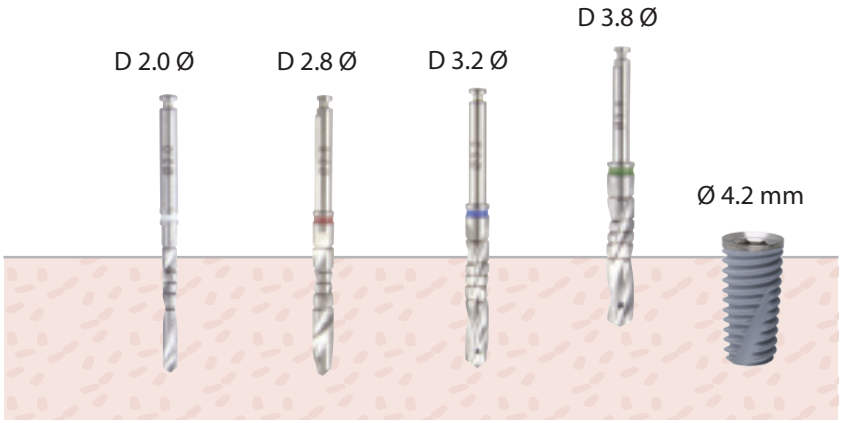
Cat No.	length	connection	coating
DFCI8375	8	2.5 mm internal hexagon	CaP
DFCI10375	10	2.5 mm internal hexagon	CaP
DFCI115375	11.5	2.5 mm internal hexagon	CaP
DFCI13375	13	2.5 mm internal hexagon	CaP
DFCI16375	16	2.5 mm internal hexagon	CaP



Ø 4.2mm



Cat No.	length	connection	coating
DFCI1042	10	2.5 mm internal hexagon	CaP
DFCI11542	11.5	2.5 mm internal hexagon	CaP
DFCI1342	13	2.5 mm internal hexagon	CaP
DFCCI1642	16	2.5 mm internal hexagon	CaP



Fullfit®

Implant Prosthetic connection section

Fullfit®

Implant Prosthetic connection

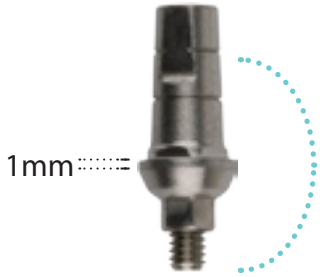
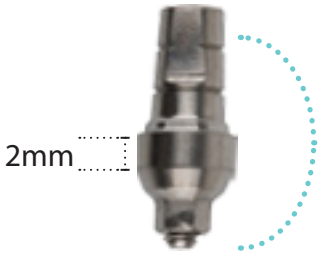
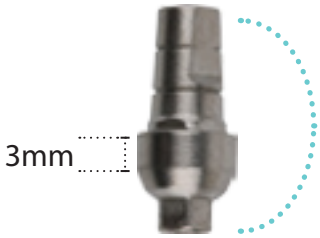
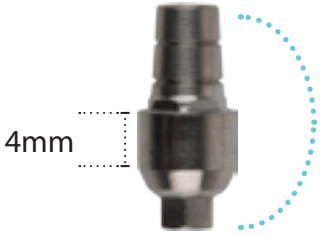
Full fit abutment system it is a new prosthetic system which is designed with the
cooperation of Shrider GMBH in Germany.
The fullfit abutment system Is made to make the prosthetic process easy and more
efficient, with a a lot of abutment variety and length's.
The connection between the implant and the abutment is the most critical site , so
we developed the fullfit connection with no gaps and no micro organism growing
area.
The screw is made especially for this system with a high criteria, and quality to
make the most perfect implant abutment connection.

Straight abutment

	description	catalog No.
	Thin This thin abutment comes in the following situation: when the space is limited, for example between 2 teeth or implants usually in the anterior of the mouth.	Cementing post (Thin) AGM-104
	Standard abutment A straight titanium abutment with hex. for implants with diameters of 3.75 and 4.2 mm. includes the connection screw.	Cementing post (Standard) AGM-101
	Wide The abutment comes in the following situation: Wide – when wide space is required, primarily for back teeth, the abutment is capable tolerate the high mastication forces .	Cementing post (Wide) AGM-110
	High base This raised standard abutment has a basis of 3 mm above the bone. This is appropriate for thick gums or when the implant is very deep.	High base Cementing post AGM-108
	Long Neck A straight titanium abutment with hex. with a 4mm higher neck. for implants with diameters of 3.75 and 4.2 mm. includes the connection screw.	Long Cementing post AGM-109

Cementing post with Shoulder

Available in different heights in order to locate base of crown.
Plastic sleeve may be used for carving and casting with or without an internal hex.
Abutment available in 4 heights: 1, 2, 3 and 4 mm.

	description	catalog No.
	Cementing post with Shoulder 1 mm base	AGM - 602-1
	Cementing post with Shoulder 2 mm base	AGM - 602-2
	Cementing post with Shoulder 3 mm base	AGM - 602-3
	Cementing post with Shoulder 4 mm base	AGM - 602-4

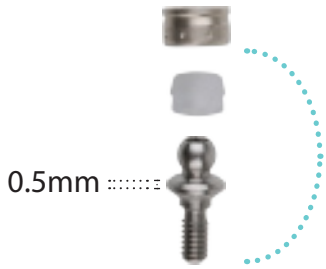
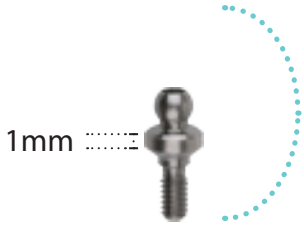
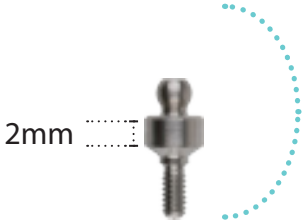
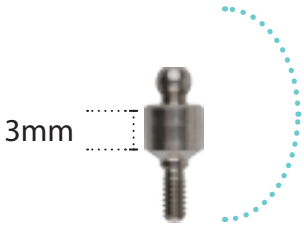
Angulated Abutments

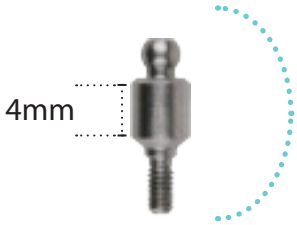
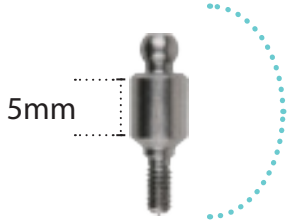
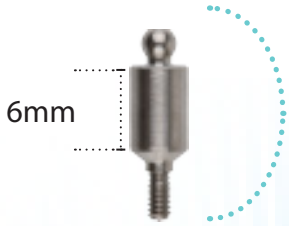
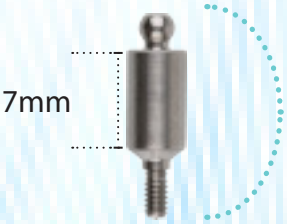
Standard angulated abutment composed of a base with an angle of either 15 or 25 and a screw.
Long 15 angulated abutment when the implant is very deep.
The lower point is located on the buccal side of the gums, which is the opposite of the standard angular abutment.

	description	catalog No.
	15°Angulated Abutment	AGM - 102
	15°Angulated Abutment long	AGM - 107
	25°Angulated Abutment	AGM- 103

Ball Attachment

Ball attachment structure connected by a click to the removable denture.
The abutment is available in different heights – 0.5, 1, 2, 3, 4, 5, 6 & 7 mm – selected according to height of gums.
The Ball attachment abutment is designed with a stainless steel housing and a silicon intermedian housing.

	description	catalog No.
	Ball attachment 0.5 mm	AGM-105-0.5
	Ball attachment 1 mm	AGM-105-1
	Ball attachment 2 mm	AGM-105-2
	Ball attachment 3 mm	AGM-105-3

	description	catalog No.
	Ball attachment4 mm	AGM-105-4
	Ball attachment 5 mm	AGM-105-5
	Ball attachment 6 mm	AGM-105-6
	Ball attachment 7 mm	AGM-105-7
	Metal Housing Plastic Housing	AGM-105-M AGM-105-P

Titanium Healing Cap

The healing cap is set on the implant after it has been exposed, and remains in the jaw until soft tissue (the gums) has healed.
Its function is to prepare the site for placing the prosthetic device. It can also be used as a temporary prosthetic structure.
healing caps are available in 2 sizes: normal, and wide. Heights: 2, 3, 4, 5, 6 and 7mm. Selected height is a function of the thickness of the gums.

	description	catalog No.
	Healing cap 2 mm	AGM-203-2
	Healing cap 2 mm Wide	AGM-203-2w
	Healing cap 3 mm	AGM-203-3
	Healing cap 3 mm Wide	AGM-203-3w
	Healing cap 4 mm	AGM-203-4
	Healing cap 4 mm Wide	AGM-203-4w
	Healing cap 5 mm	AGM-203-5
	Healing cap 5 mm Wide	AGM-203-5w
	Healing cap 6 mm	AGM-203-6
	Healing cap 6 mm Wide	AGM-203-6w
	Healing cap 7 mm	AGM-203-7
	Healing cap 7 mm Wide	AGM-203-7w

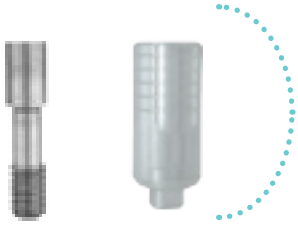
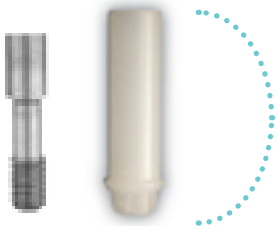
Anatomic Abutments

Suitable for single implant restoration, or a screw-retained bridge, and also to raise the height for performing various procedures: overdentures, removable dentures, bridges, bars.
Advantage: close the screw at the base of the abutment to the implant only once without opening to proceed to restoration (thread bridge only). Comes in 3 heights: 2,3 and 4 mm.

	description	catalog No.
2mm	Anatomic Abutments 2 mm	AGM-207-2
3mm	Anatomic Abutments 3 mm	AGM-207-3
4mm	Anatomic Abutments 4 mm	AGM-207-4
	Anatomic Plastic & connection screw	AGM-207-5

Plastic Abutments

The plastic sleeve is made from Delrin, a material appropriate for casting as it melts when heated without leaving any residue.
Plastic structure for casting with no internal threading. Available with or without a hex, in a narrow platform. The sleeve with the hexagon is meant to build a structure on an implant or to set a crown or bridge that fits on to the abutment. The sleeve without the hexagon is designated for various tasks (root balls, various attachments). The plastic sleeve is effective when a number of prosthetic devices must be fitted in. It is easy to work with because it is made of plastic and it is easy to cast

	description	catalog No.
	Wide Direct Hex Castable plastic	AGM-P1
	Plastic sheet for shoulder abutments	AGM-P2
	Direct Hex Castable plastic	AGM-P3

Implant Analog

Made of stainless steel to allow preparation of lab models.
Available in narrow or wide platforms.

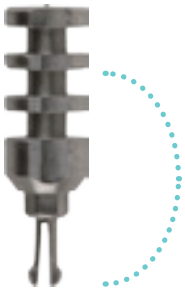
	description	catalog No.
	Non Hex Implant Analog	AGM-204
	Implant Analog with internal Hex	AGM-214
	Wide Implant Analog with internal Hex	AGM-214W

Impression Transfer

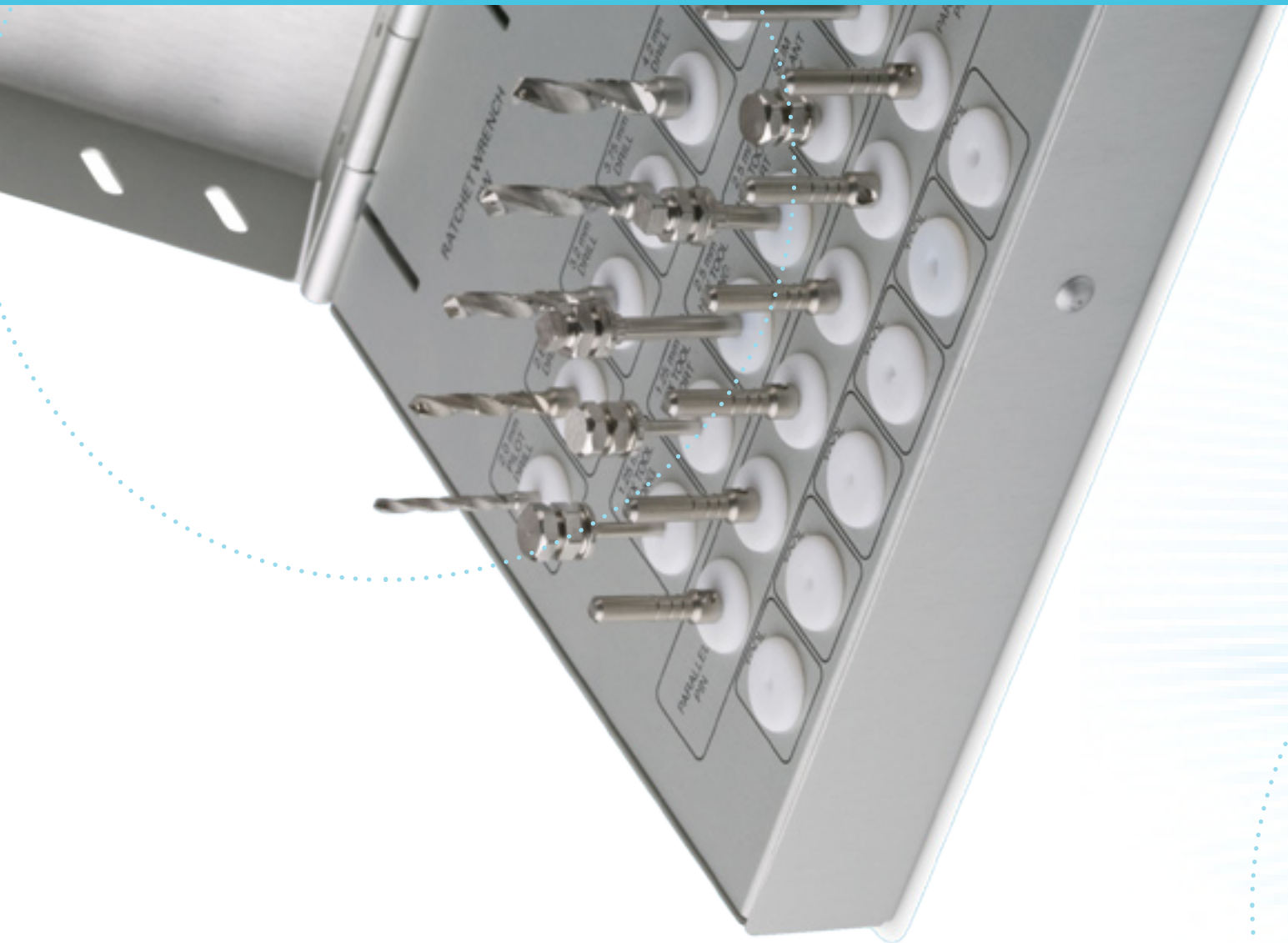
Made of stainless steel and available for closed tray and open tray.

Click Transfer

Springy impression transfer with no affixing screw. Suitable for closed tray method with higher precision. There is no need to remove nor to insert the transfer as it remains in the intermedial model throughout the process. Efficient especially for back teeth where there is no space for wrench.

	description	catalog No.
	Transfer With Click Connection (Close Tray)	AGM-302
	Wide Transfer With Click Connection (Close Tray)	AGM-303
	Transfer With Screw Connection (Open Tray)	AGM-301

Surgical Instruments Section



Surgical Instruments
Surgical kit, Surgical Accessories, Drlls

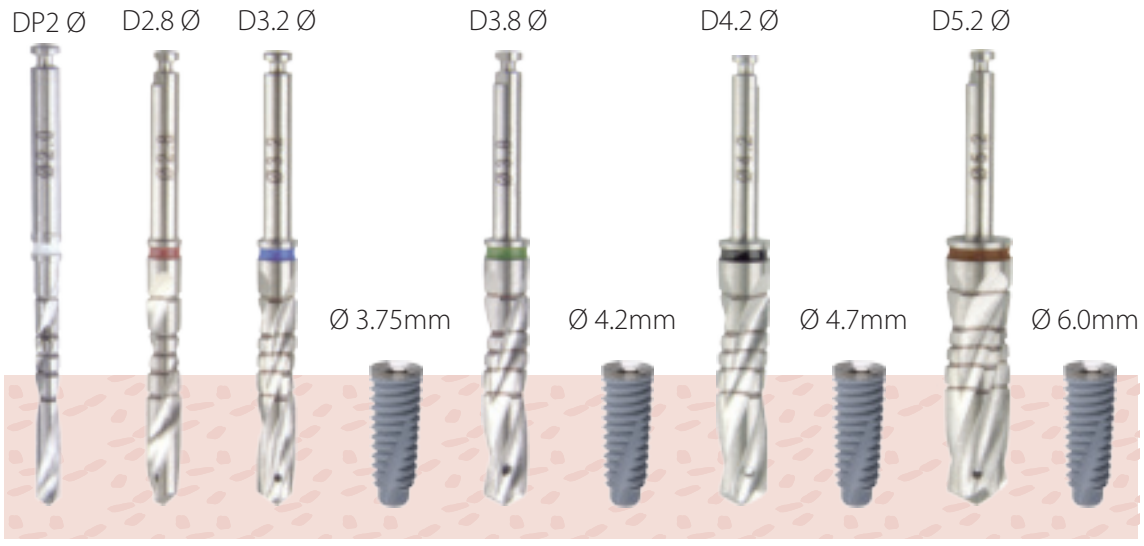
The new Surgical Kit from Alfa Gate.
Each Kit contains every instruments and tools for implantation and prosthetic procedures, As well it contain a spare places where drills and instruments can be replaced according to the doctor's needs.

Surgical Accessories

	description	catalog No.
	Prosthetic Holder	PH
	Ratchet Wrench	RW
	Screw Driver	SDI
	Stopper to prevent over drilling	SD
	Motor Internal Hex Driver For Contra angel	HPD
	Hex Driver 1.25 mm (Long)	AGM 400S
	Hex Driver 1.25 mm (Short)	AGM 400
	Insertion Tool 2.5 mm d (Long)	IT 2.5
	Insertion Tool 2.5 mm d (Short)	ITS 2.5
	Torque wrench	TW
	Handpiece Adaptor	HA
	Depth Guide	DPT
	Spacer	SPR
	Paralleling pin Ø 2.7mm	PP
	Retrieving driver	RD

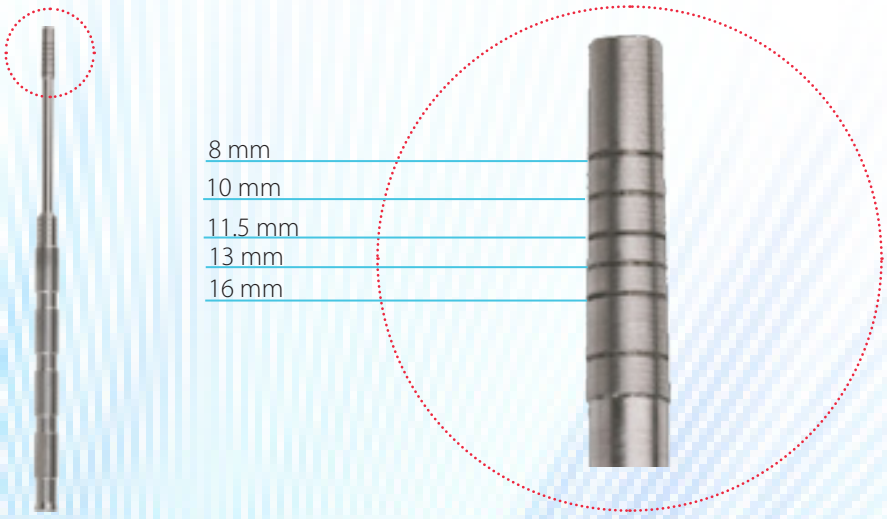
Drills

	DP2	Pilot drill	Ø 2mm	Length 36mm	Stainless steel
	D2.8	Twist drill	Ø 2.5mm	Length 36mm	Stainless steel
	D3.2	Twist drill	Ø 3.2mm	Length 36mm	Stainless steel
	D3.8	Twist drill	Ø 3.8mm	Length 36mm	Stainless steel
	D4.2	Twist drill	Ø 4.2mm	Length 36mm	Stainless steel
	D5.2	Twist drill	Ø 5.2mm	Length 36mm	Stainless steel



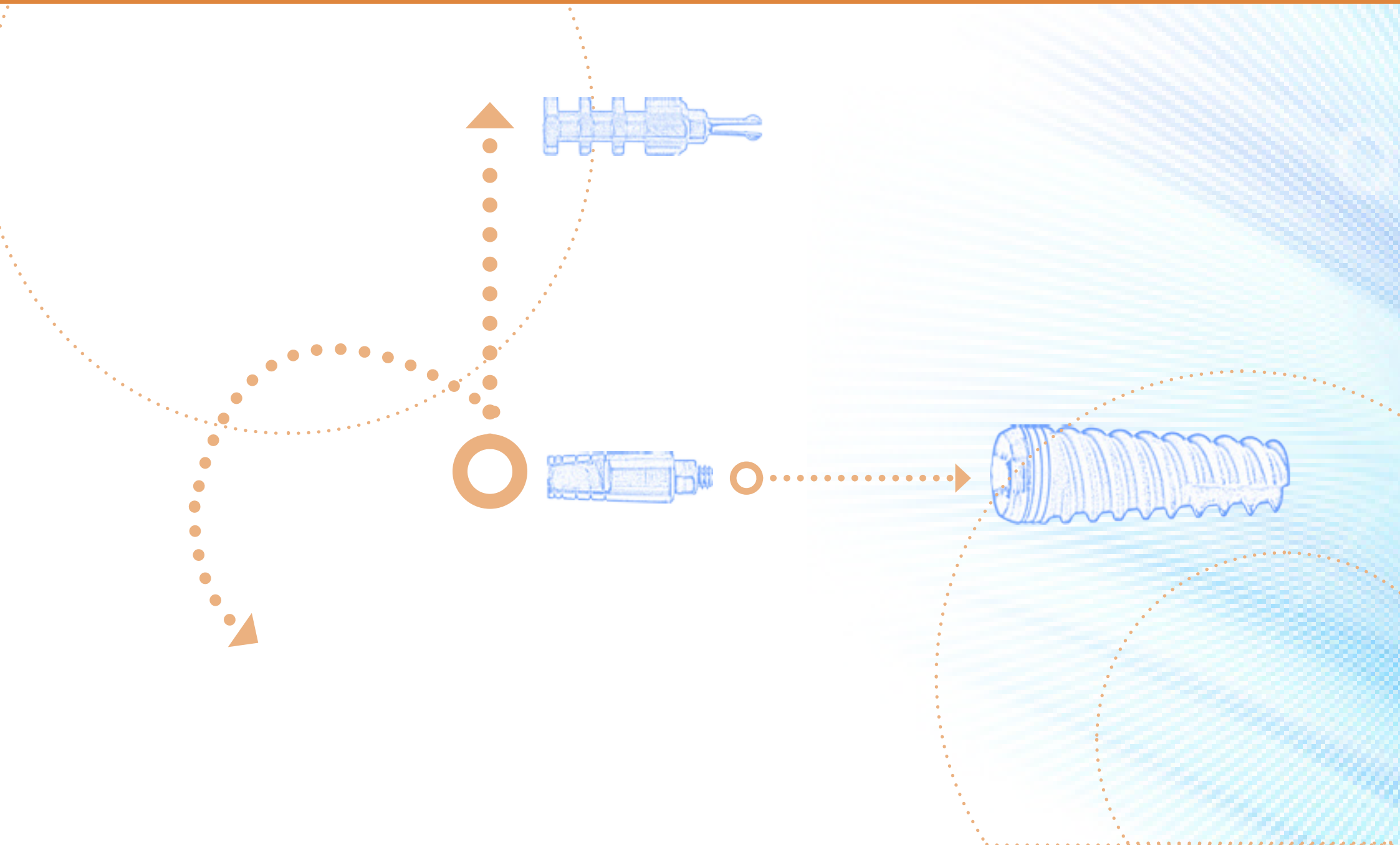
Osteotomes

	OH	Osteotomes Mallet		Stainless steel
	O1	Osteotome	Ø 2.0mm	Stainless steel
	O2	Osteotome	Ø 2.8mm	Stainless steel
	O3	Osteotome	Ø 3.2mm	Stainless steel
	O4	Osteotome	Ø 3.8mm	Stainless steel
	O5	Osteotome	Ø 4.2mm	Stainless steel



Simple and Easy

Flow Chart Section



over denture

Ball attachment abutment
0.5mmL-7mmL

Hex tool 1.25mm

Healing Cap 2mmL - 7mmL

click transfer

implant analog

Cemented

Straight Non-rotating
abutment

Angulated abutment
15°&25°

Sholder abutment
1mmL-4mmL

Healing Cap 2mmL - 7mmL

click transfer

Implants Ø 3.75 - Ø 6mmd

implant analog

Screw retained system

Implants Ø 3.75 - Ø 6mmd

Hex tool 1.25mm

Anatomic abutment
2mmL-4mmL

astable plastic abutment
hex & non hex

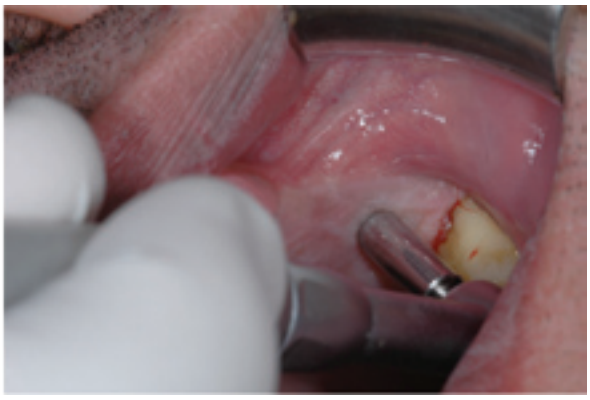
Healing Cap 2mmL - 7mmL

Implants Ø 3.75 - Ø 6mmd

click transfer

implant analog

open tray
transfer



Alfa-Gate
Dental Implants

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