

# INDEX

<b><i>Company Profile</i></b>	<b>4</b>	<b><i>Surgical Kits &amp; Instruments</i></b>	<b>42-53</b>
<b><i>Our Advantages</i></b>	<b>5</b>	Advanced Kit	44-45
<b><i>Implants</i></b>	<b>6-21</b>	Premium Kit	46-47
Bioactive	8-11	Prime Kit	48
Trio	12-13	Patro Kit	49
Max	14-15	Surgical Instruments & Tools	50-52
Porous	16-17	Surgical Drills	53
S-line	18-19	<b><i>Alfa Bone</i></b>	<b>54</b>
Patro	20-21	<b><i>Alfa Motor</i></b>	<b>55</b>
<b><i>Packaging &amp; Handling</i></b>	<b>22-23</b>	<b><i>Alfa Guide</i></b>	<b>56-59</b>
<b><i>Prosthetics Options</i></b>	<b>24-41</b>	<b><i>Drilling Protocols</i></b>	<b>60-64</b>
<b>S-line Prosthetic</b>	26	Bioactive / S-line	61
Multi-Unit	27	Trio / Max	62
Ball attachment	28	Porous / Patro	63
Alfa-Lock	29	Drilling Chart Reference	64
CAD/CAM	30		
<b>SP Prosthetic</b>	31-34		
CAD/CAM	35		
Multi-Unit	36-37		
Ball attachment	38-39		
Alfa-Lock	40-41		



# COMPANY PROFILE

---

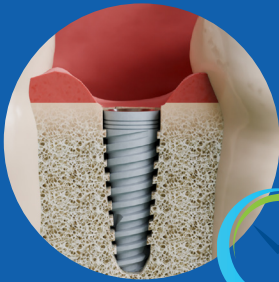
Alfa Gate has more than 28 years of global success in manufacturing and supplying high-quality dental implants and prosthetic solutions curated to all dentists.

Our implant assortment meticulously provides technological and revolutionary dental solutions suited for dentists to achieve the most optimal results. We offer innovative dental implants, CAD/CAM solutions, Alfa Guide Surgical System, Single and Multi-Unit, and every prosthetic variation. We emphasize our collaboration with dentists by offering tailored education programs at International Alfa Gate Academy, in addition to consultancy and support services whenever needed. Alfa Gate strives for excellence by modernizing the dental industry with continuous product innovations. The effectiveness and premium-quality performance of our products are a result of successful R&D that ensures the highest quality. Our brand is available in over 54 countries worldwide including, the USA, Latin America, Eastern Europe, Central Europe, the Middle East and Asia.



# OUR ADVANTAGES

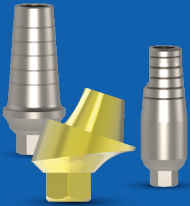
---



Bioactive implant has a unique surface as the CaP technology revolutionized the dental world by reducing **healing time** to 6- 10 weeks.



Our Team consists of **experienced dentists** developing products catered to doctors' best interests.



**Wide variety** of prosthetic options to complete every restorative procedure.



A single key for our **entire range** of prosthetic parts.



Numerous scientific studies including clinical trials conducted in established European universities **authenticate** our claims.



Alfa Gate Surgical Kits offer the **exact tools needed** for every case in a convenient and accurate layout.

# IMPLANTS

## INTERNAL HEX

***Bioactive*** 8-11

***Trio*** 12-13

***Max*** 14-15

***Porous*** 16-17

***S-line*** 18-19

One-Piece

***Patro*** 20-21





+28

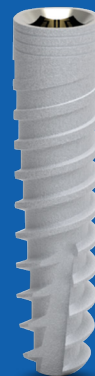
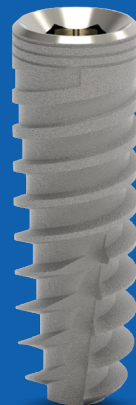
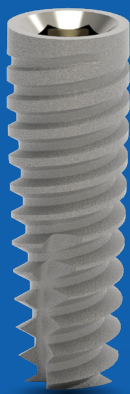
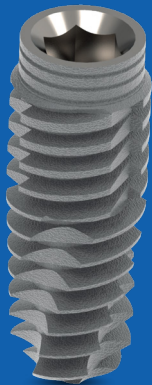
Years Of Experience

+54

Countries

+800

Product



Bioactive  
SCI Implant

TRIO  
IMPLANT

MAX  
implant

Porous  
Implant

S-line  
Narrow Implant

Patro  
Flexible Implant

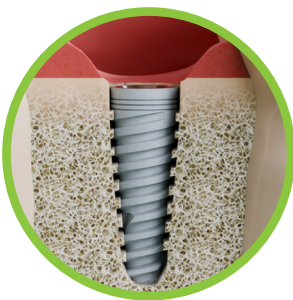
Alfa Gate revolutionizes the dental world with Bioactive implant **hydrophilic technology** that has a proven **higher success** rate. Bioactive is the ideal choice for **compromised** cases as it proved to have an **expedited recovery period** predominantly in challenging cases.



Bioactive has a completely resorbable **calcium-phosphate surface**.



The implant's **hydrophilic** surface attracts the stem cells.



The osseoinductive characteristics of the surface results in successful osseointegration and improved implant anchoring.



Bioactive's outstanding characteristics accelerate healing time up to **6-10 weeks** instead of 3-6 months post-operation.





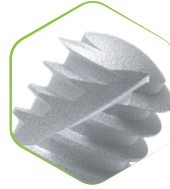
## BODY CHARACTERISTICS



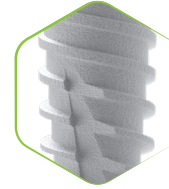
Conical Body



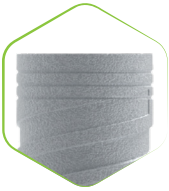
Single Platform



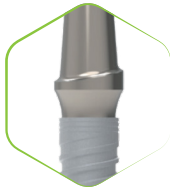
Domed Apex



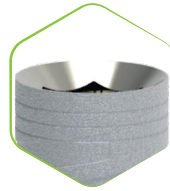
Variable Thread Design



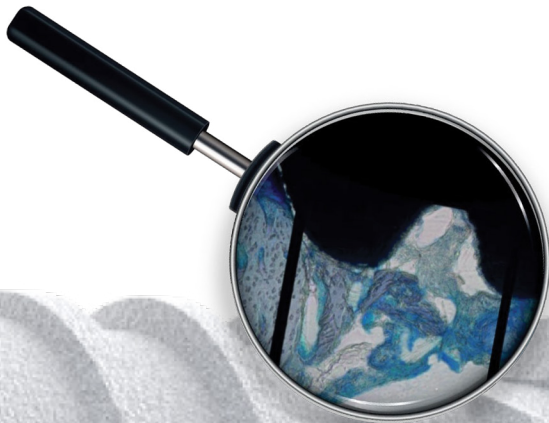
Micro-rings



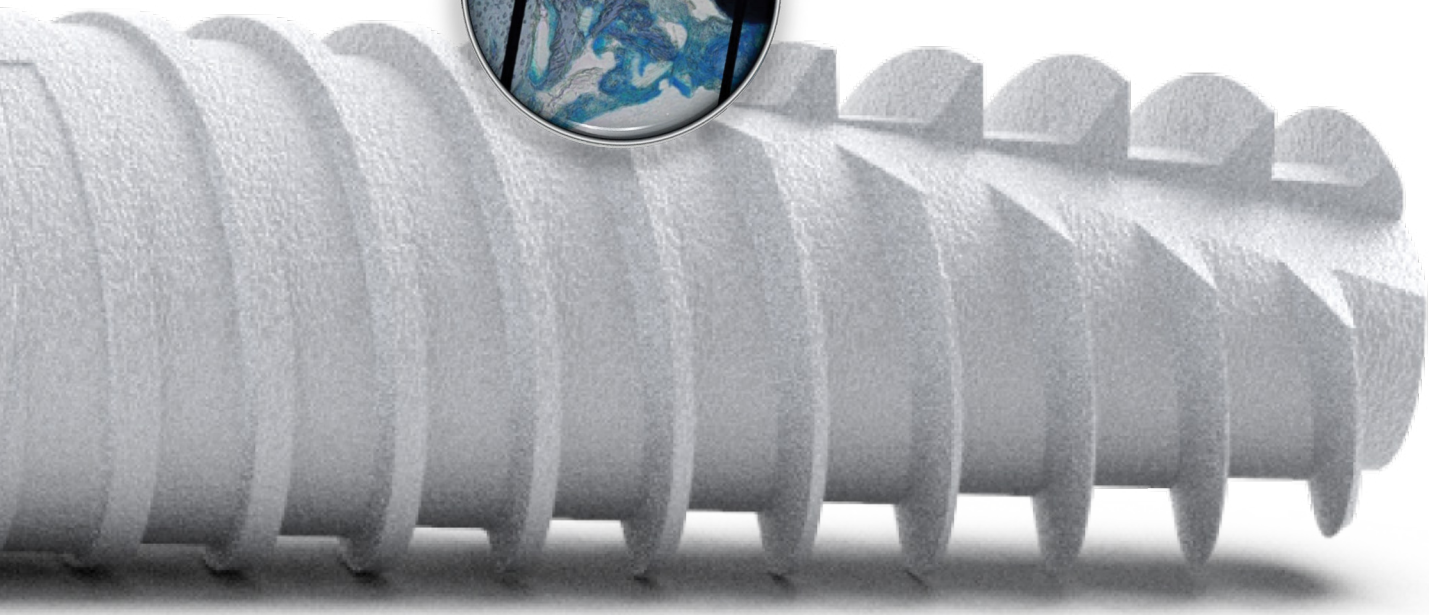
Switching platform

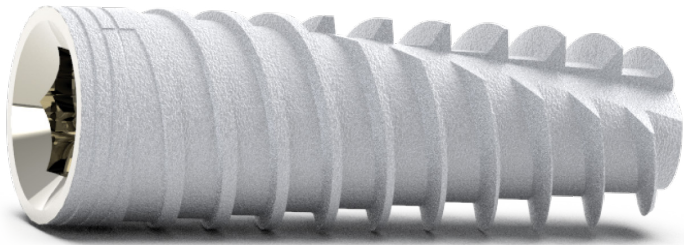


Internal Hex Connection with Conical Sealing Design



The **hydrophilic CaP surface** is fully resorbable, ensuring optimal outcomes





**Material:**

**Item includes:**

**Connection:**






**Surface:**

Titanium Alloy Ti 6Al 4V ELI | CaP

Cover screw and implant carrier

 Screw type implant 2.42 mm internal hex

Sand blasting and Acid-Etching-Bioactive surface CaP

Diameter	Length	6m	8m	10m	11.5m	13m	16m
			-	SCI833	SC1033	SCI11533	SCI1333
	-	SCI8375	SC10375	SCI115375	SCI13375	SCI16375	
	SCI642	SCI842	SC1042	SCI11542	SCI1342	SCI1642	
	SCI647	SCI847	SC1047	SCI11547	SCI1347	SCI1647	
	SCI652	SCI852	SC1052	SCI11552	SCI1352	SCI1652	
	SCI166	SCI86	SC1106	SCI1156	SCI136	-	





Vertical Osteoconductive Characteristics of Titanium Implants with Calcium-Phosphate-Coated Surfaces – A Pilot Study in Rabbits

Alfa Gate, 1007 "New York" Road, 17060 "New York" MD, USA; Alfa Gate, 1007 "New York" Road, 17060 "New York" MD, USA

ABSTRACT: Osteoconductive characteristics of different implant surface coatings are the focus of current research. The aim of the present study was to compare the vertical osteointegration of the implant shoulder of experimental coated and uncoated pure titanium implants (SLA) with experimental coated pure titanium implants (SLA) in a rabbit model.

Material and Methods: SLA-CoP and SLA implants were inserted bilaterally in the shoulder of four rabbits in a split-implant design. The implants were placed (each experiment). After 7 weeks, in the left and right implant shoulder, the percentage of bone over BIC (P) of a well as bone implant contact (BIC) in the left and right implant shoulder, the number of threads after 7 weeks, early formed zones were coded by the number of the area of both surface coated implants (SLA-CoP) and SLA implants (SLA) in the left and right implant shoulder.

Conclusion: The results of this study show for the first time that calcium-phosphate coated surfaces on experimental coated implants were significantly osteoconductive and superior. The results of this study show for the first time that calcium-phosphate coated surfaces on experimental coated implants were significantly osteoconductive and superior. The results of this study show for the first time that calcium-phosphate coated surfaces on experimental coated implants were significantly osteoconductive and superior.

KEY WORDS: coated, study, calcium phosphate, implants, osteoconductive characteristics

Introduction: The aim of the present study was to compare the vertical osteointegration of the implant shoulder of experimental coated and uncoated pure titanium implants (SLA) with experimental coated pure titanium implants (SLA) in a rabbit model. The aim of the present study was to compare the vertical osteointegration of the implant shoulder of experimental coated and uncoated pure titanium implants (SLA) with experimental coated pure titanium implants (SLA) in a rabbit model.

1st research and claim:

Claim: Alfa Gate Bioactive Implant increases the bone implant contact (BIC) by 549% compared to SLA Surface implants.

"The results of this study show for the first time that calcium-phosphate coated surfaces on supracrestal inserted implants have vertical osteoconductive characteristics and increase the bone-implant contact at the implant shoulder significantly in a rabbit model.

In clinical long-term settings, these implants may contribute to a better vertical bone height." Schiegnitz E, Palarie V, Nacu V, Al-Nawas B, Kämmerer PW. Vertical osteoconductive characteristics of titanium implants with calcium-phosphate-coated surfaces - a pilot study in Rabbits. Clinical Implant Dentistry and Related Research. 2014; 16(2): 194-201. doi: 10.1111/ j.1708-8208.2012.00469.x

2nd research and claim:

Claim: Alfa Gate's Bioactive Implant shows an improved early osseointegration compared with commercially pure titanium surfaces.

"Our results are in consensus with other studies that showed an improved early osseointegration of CaP coatings when compared with commercially pure titanium surfaces."

Schiegnitz E, Palarie V, Nacu V, Al-Nawas B, Kämmerer PW. Vertical osteoconductive characteristics of titanium implants with calcium-phosphate-coated surfaces - a pilot study in Rabbits. Clinical Implant Dentistry and Related Research. 2014; 16(2): 194-201. doi: 10.1111/ j.1708-8208.2012.00469.x

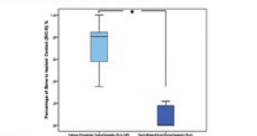


Figure 8: Bar chart showing the percentage of bone implant contact after 7 weeks for SLA-CoP and SLA implants.

implantation causing some complications. This study was designed to compare the vertical osteointegration of the implant shoulder of experimental coated and uncoated pure titanium implants (SLA) with experimental coated pure titanium implants (SLA) in a rabbit model. The aim of the present study was to compare the vertical osteointegration of the implant shoulder of experimental coated and uncoated pure titanium implants (SLA) with experimental coated pure titanium implants (SLA) in a rabbit model.

Introduction: The aim of the present study was to compare the vertical osteointegration of the implant shoulder of experimental coated and uncoated pure titanium implants (SLA) with experimental coated pure titanium implants (SLA) in a rabbit model. The aim of the present study was to compare the vertical osteointegration of the implant shoulder of experimental coated and uncoated pure titanium implants (SLA) with experimental coated pure titanium implants (SLA) in a rabbit model.

Vertical Osteoconductive Characteristics of Titanium Implants with Calcium-Phosphate-Coated Surfaces – A Pilot Study in Rabbits

Alfa Gate, 1007 "New York" Road, 17060 "New York" MD, USA; Alfa Gate, 1007 "New York" Road, 17060 "New York" MD, USA

ABSTRACT: Osteoconductive characteristics of different implant surface coatings are the focus of current research. The aim of the present study was to compare the vertical osteointegration of the implant shoulder of experimental coated and uncoated pure titanium implants (SLA) with experimental coated pure titanium implants (SLA) in a rabbit model.

Material and Methods: SLA-CoP and SLA implants were inserted bilaterally in the shoulder of four rabbits in a split-implant design. The implants were placed (each experiment). After 7 weeks, in the left and right implant shoulder, the percentage of bone over BIC (P) of a well as bone implant contact (BIC) in the left and right implant shoulder, the number of threads after 7 weeks, early formed zones were coded by the number of the area of both surface coated implants (SLA-CoP) and SLA implants (SLA) in the left and right implant shoulder.

Conclusion: The results of this study show for the first time that calcium-phosphate coated surfaces on experimental coated implants were significantly osteoconductive and superior. The results of this study show for the first time that calcium-phosphate coated surfaces on experimental coated implants were significantly osteoconductive and superior.

KEY WORDS: coated, study, calcium phosphate, implants, osteoconductive characteristics

Introduction: The aim of the present study was to compare the vertical osteointegration of the implant shoulder of experimental coated and uncoated pure titanium implants (SLA) with experimental coated pure titanium implants (SLA) in a rabbit model. The aim of the present study was to compare the vertical osteointegration of the implant shoulder of experimental coated and uncoated pure titanium implants (SLA) with experimental coated pure titanium implants (SLA) in a rabbit model.

3rd research and claim:

Claim: Bioactive implant's achieves greater bone formation in a short period of time.

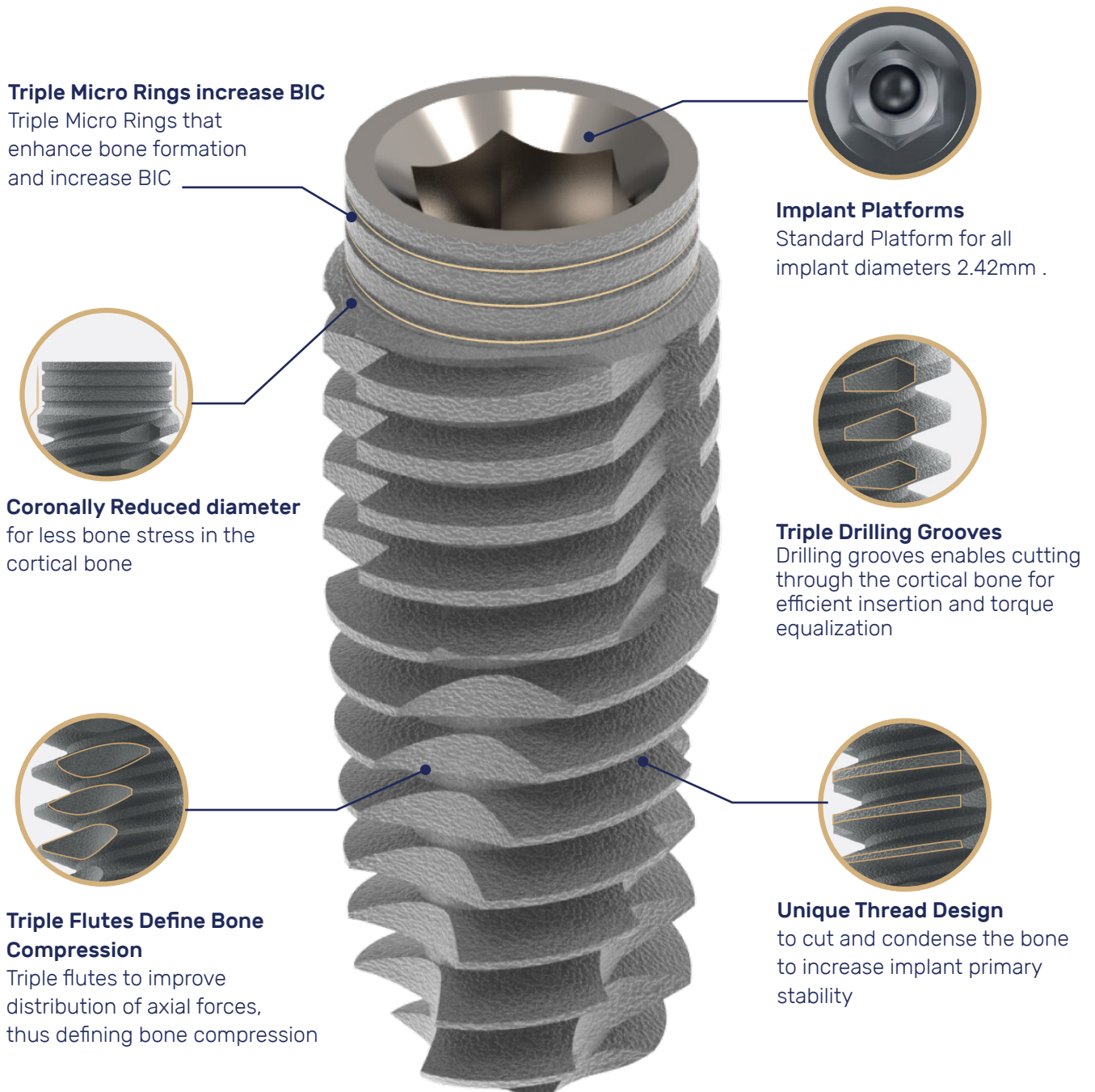
"In total, ISQ mean values after 6 months were higher than after implant placement. Periosteal values increased in the period of the first 6 months and remained constant afterwards."

Palarie V, Bicer C, Lehmann KM, Zahalka M, Draenert FG, Kämmerer PW. Early outcome of an implant system with a resorbable adhesive calcium-phosphate coating—a prospective clinical study in partially dentate patients. Clinical Investigations. 2011; 16(4): 1039-1048. doi: 10.1007/500784-011-0598-8.

# TRIO

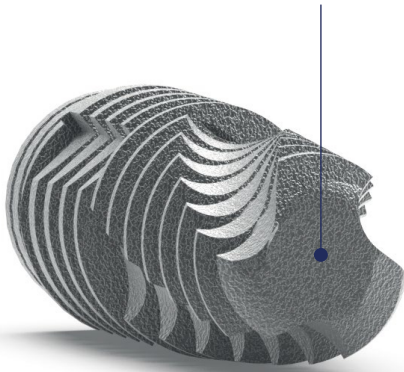
IMPLANT

Alfa Gate is proud and excited to present our revolutionary and incomparable TRIO Implant. The implant proved to be a successful solution suitable for all bone types that achieves superior primary stability.



### Flat Active Apex

A cutting flat active apex is ideal for immediate placement



**Material:**

**Item includes:**

**Connection:**









**Surface:**

Titanium Alloy Ti 6Al 4V ELI | SLA surface

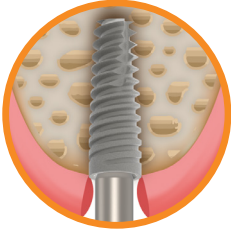
Cover screw and implant carrier

 Screw type implant 2.42 mm internal hex

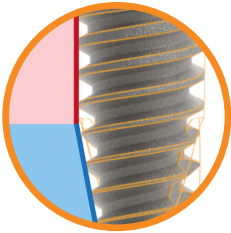
Sand blasting and Acid-Etching

		Length						
Diameter		6m	8m	10m	11.5m	13m	16m	19m
		DFCI6375	DFCI8375	DFCI10375	DFCI115375	DFCI13375	DFCI16375	DFCI19375
		DFCI642	DFCI842	DFCI1042	DFCI11542	DFCI1342	DFCI1642	DFCI1942
		DFCI647	DFCI847	DFCI1047	DFCI11547	DFCI1347	DFCI1647	-
		DFCI652	DFCI852	DFCI1052	DFCI11552	DFCI1352	DFCI1652	-

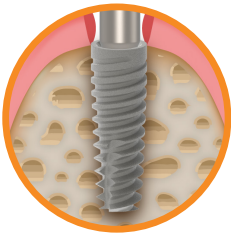




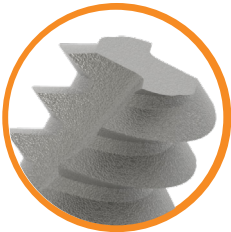
MAX is the best implant for **immediate placement**.



The unique Cycon™ body consists of **combined cylindrical and conical shapes**.



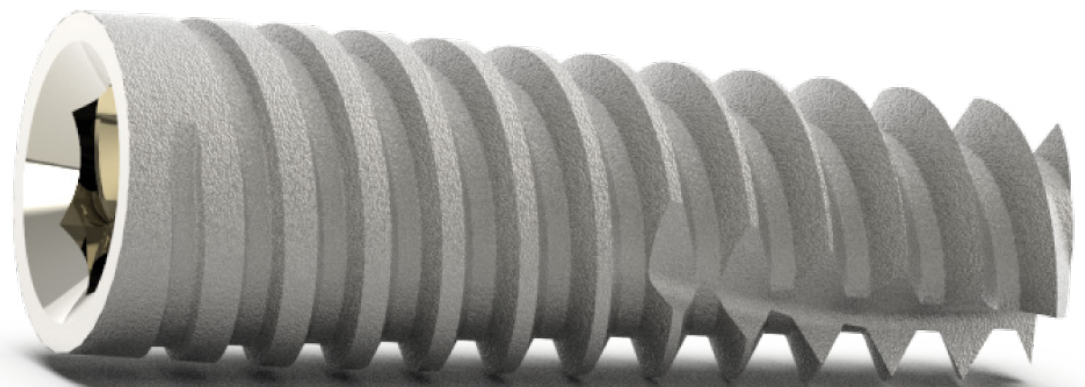
Thus, MAX is designed to achieve **superior primary stability**



The **flat cutting apex** assures fast and soft insertion in the bone.

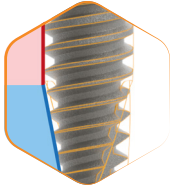


The implant internal hex connection has a **single prosthetic connection** for all implant diameters.





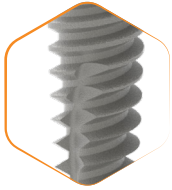
# BODY CHARACTERISTICS



Combined Cylindrical and Conical Body



Flat and Cutting Apex



Variable Thread Design




Single Platform



Internal Hex Connection with Conical Sealing Design

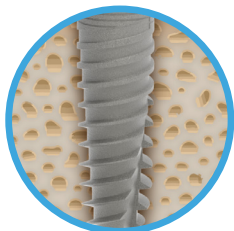
**Material:**  
**Item includes:**  
**Connection:**  
**Surface:**

Titanium Alloy Ti 6Al 4V ELI  
Cover screw and implant carrier  
 Screw type implant 2.42 mm internal hex  
Sand blasting and Acid-Etching

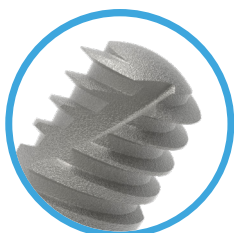
Diameter	Length	6m	8m	10m	11.5m	13m	16m
				-	MX833	MX1033	MX11533
		-	MX8375	MX1075	MX115375	MX13375	MX16375
		MX642	MX842	MX1042	MX11542	MX1342	MX1642
		MX647	MX847	MX1047	MX11547	MX1347	MX1647
		MX652	MX852	MX1052	MX11552	MX1352	MX1652

# Porous

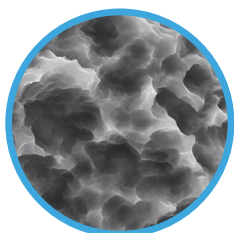
Implant



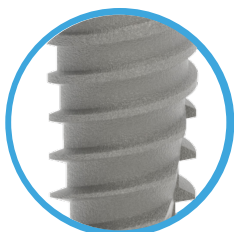
Porous implant offers a solution for a **wide** range of clinical cases.



The lower implant body has a **domed apex** to allow safer dental work near sensitive anatomical structures.



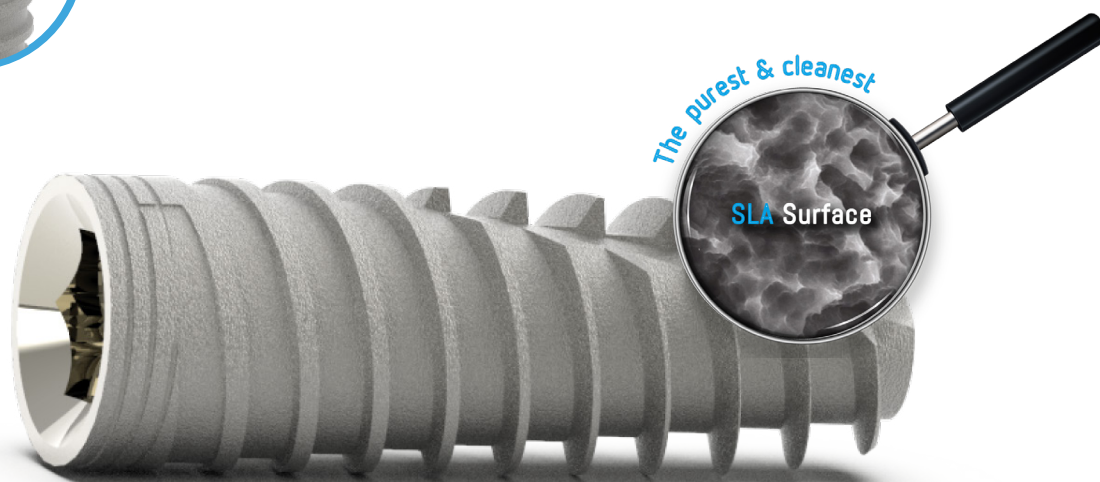
In addition, it has the **cleanest surface**, which favors successful long-term osseointegration.



The implant's variable threads accomplish **excellent primary stability**.



Micro rings are implemented for **maximal cortical bone preservation**.





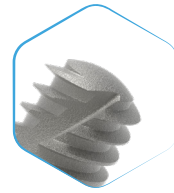
# BODY CHARACTERISTICS



Conical Body



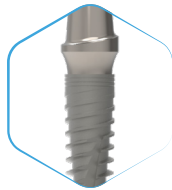
Single Platform



Domed Apex



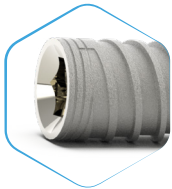
Variable Thread Design



Switching Platform
















Micro - rings



Internal Hex Connection with Conical Sealing Design

**Material:**  
**Item includes:**  
**Connection:**  
**Surface:**

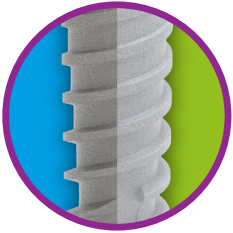
Titanium Alloy Ti 6Al 4V ELI  
Cover screw and implant carrier  
 Screw type implant 2.42 mm internal hex  
Sand blasting and Acid-Etching

Diameter	Length	6m	8m	10m	11.5m	13m	16m	19m
				-	SCIP833	SCI1033	SCI11533	SCIP1333
		-	SCIP8375	SCIP10375	SCIP115375	SCIP13375	SCIP16375	SCIP19375
		SCIP642	SCIP842	SCIP1042	SCIP115375	SCI1342	SCIP1642	SCIP1942
		SCIP647	SCIP1047	MX1047	SCIP11542	SCIP1347	SCIP1647	-
		SCIP652	SCIP1052	MX1052	SCIP11552	SCIP1352	SCIP1652	-
		SCIP166	SCIP86	SCIP106	SCIP1156	SCIP136	-	-

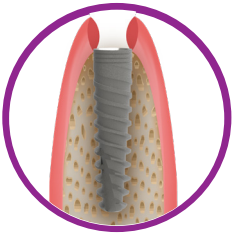
# S-line



S-line is the optimal **3.0mm** diameter implant for narrow and tight ridges.



It is available in two surfaces:  
the unique Bioactive **CaP hydrophilic surface**,  
and the **SLA surface**



The implant **eliminates** the need for bone augmentation in **narrow ridges**.



It allows for **all crown restoration** options, such as screw-retained, cemented, ball attachment and Multi-Unit.



The complete prosthetic solution for S-line implant includes **CAD/CAM** products.



The implant's connection with its internal screw is specifically designed to accomplish **a high fatigue point of 325 Ncm**.

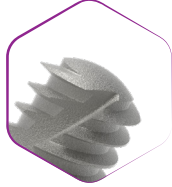




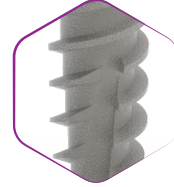
# BODY CHARACTERISTICS



Conical Body



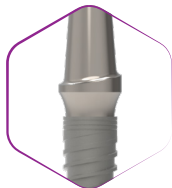
Domed Apex



Variable Thread Design



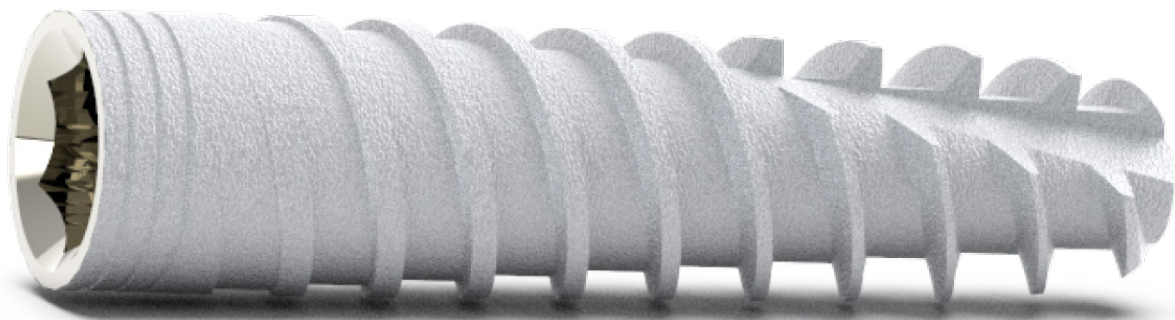
Micro - rings



Switching Platform



Internal Hex Connection with Conical Sealing Design



**Material:**  
**Item includes:**  
**Connection:**

Titanium Alloy Ti 6Al 4V ELI | **Bioactive Surface-CaP** / **SLA Surface**  
Cover screw and implant carrier  
Screw type implant 2.0 mm internal hex

		Length			
		10m	11.5m	13m	16m
Diameter					
Ø 3.0		S-L103	S-L1153	S-L133	S-L163
		surface: <b>Bioactive Surface-CaP</b>			
Ø 3.0		S-LP103	S-LP1153	S-LP133	S-LP163
		surface: <b>Sand blasting and Acid-Etching</b>			

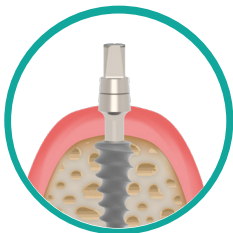




Patro offers the perfect solution for a unique one-piece implant with its flexible neck design that reaches **up to 25° angulation**.



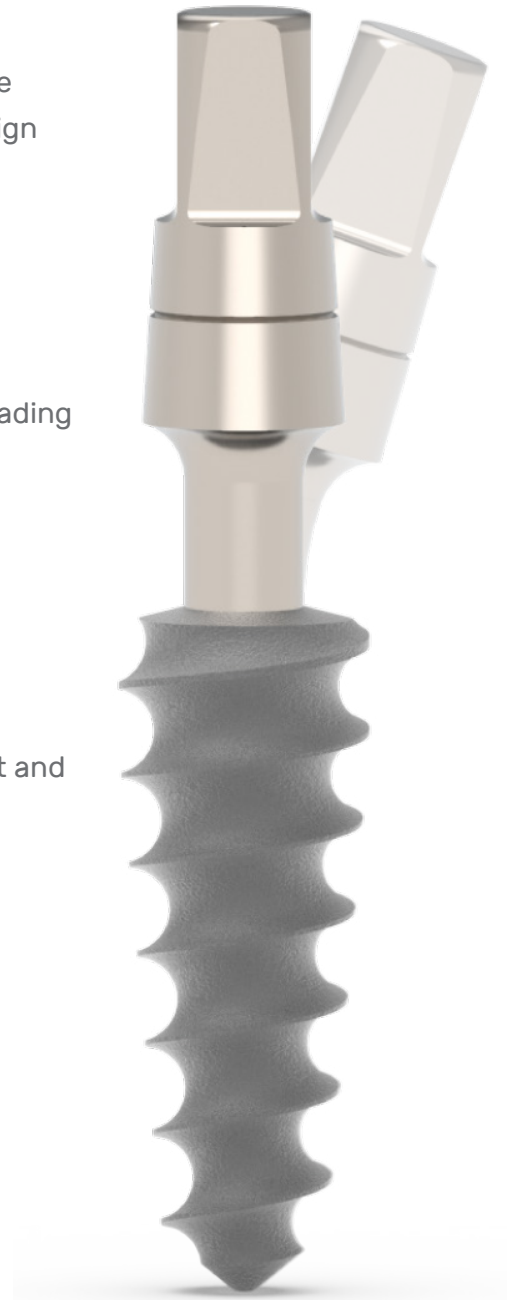
The implant's versatility offers immediate loading in **multiple-unit restorations**.



Conveniently it can be placed in the tightest and **narrowest ridges**.



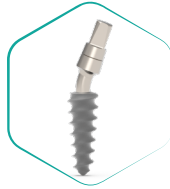
A wide range of diameters from 3.0mm up to the **special 4.7mm**.



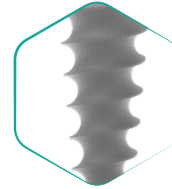




# BODY CHARACTERISTICS



Flexible Neck



Sharp and Deep Threads

**Material:**  
**Item includes:**  
**Connection:**  
**Surface:**

Titanium alloy Ti 6Al 4V ELI  
Implant carrier  
One-Piece implant with an integrated abutment  
Sand blasting and Acid-Etching

Diameter	Length	6m	8m	10m	11.5m	13m	16m
		Ø 3.3	-	-	PTR103	PTR1153	PTR133
Ø 3.3	-	-	PTR833	PTR1033	PTR11533	PTR1333	PTR1633
Ø 3.75	-	PTR6375	PTR8375	PTR10375	PTR115375	PTR13375	PTR16375
Ø 4.2	-	PTR642	PTR842	PTR1042	PTR11542	PTR1342	PTR1642
Ø 4.7	-	PTR647	PTR847	PTR1047	PTR11547	PTR1347	PTR1647

## Platform One-Piece

### One-Piece Implant Analog

Height mm | 21mm  
Ref. | AGM-215

**Material:** Stainless Steel



### Transfer for One-Piece Implant

Height mm | 11mm  
Ref. | AGM-306

**Material:** Plastic



# HANDLING

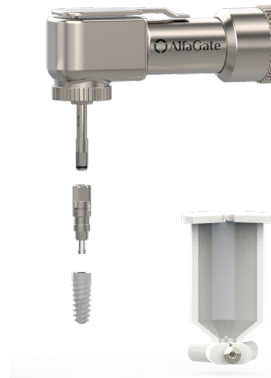
Alfa Gate FIT carrier makes it possible to insert all implants regardless of the platform, with a single set of keys.



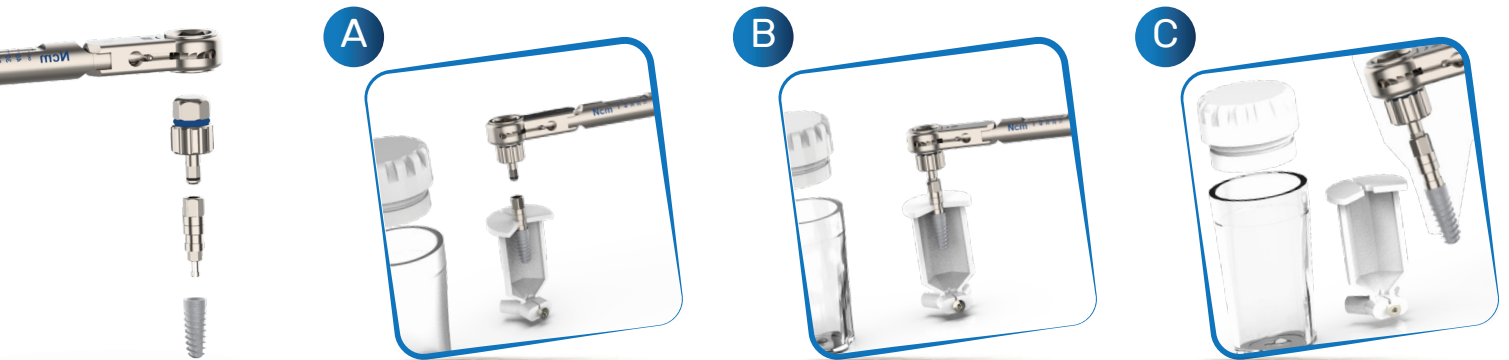
**Same Carrier for all implants**

**The Fit Carrier must be used with torque insertion up to 35Ncm!**

## Hand-piece insertion



## Ratchet insertion

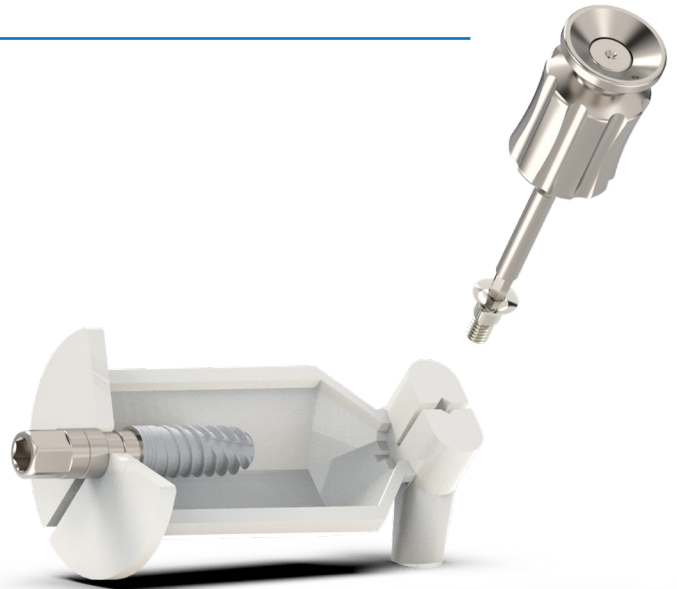


## Manual insertion



**\*The final insertion is done with the matching insertion key!**

## Cover Screw



## Anti-slippery ring



## Packaging



Important: to ensure correct and safe transfer of the implant and optimal insertion, the implant insertion key must be fully inserted into the upper hexagon of the mount.

# PROSTHETICS

## OPTIONS

### *S-line Platform 2.0mm*

<i>Prosthetic</i>	26
<i>Multi-Unit</i>	27
<i>Ball Attachment</i>	28
<i>Alfa-Lock</i>	29
<i>CAD/CAM</i>	30

### *Standard Platform 2.42mm*

<i>Prosthetic</i>	31-34
<i>CAD/CAM</i>	35
<i>Multi-Unit</i>	36-37
<i>Ball Attachment</i>	38-39
<i>Alfa-Lock</i>	40-41



---

# PROSTHETICS

## Healing Cap Ø3.7mm

Height mm	2mm	3mm	4mm	5mm
Ref.	AGM-203-2S	AGM-203-3S	AGM-203-4S	AGM-203-5S



**Additional Info:** Recommended torque - manual only light finger tight (5-10 Ncm) using hand driver 1.25 mm.

**Material:** Titanium

## Impression Transfers

Description	for open tray impression	for closed tray impression click connection	for closed tray impression screw connection
Height mm	14mm	9mm	11mm
Ref.	AGM-301-SL	AGM-302-SL	AGM-303-SL



**Additional Info:** Recommended torque - manual only light finger tight (5-10 Ncm) using hand driver 1.25 mm.

**Material:** Stainless Steel

## Implant Analog

Description	S-line implant analog with internal hex 2.0mm
Height mm	12mm
Ref.	AGM-214-SL



**Material:** Titanium

## Abutments

Description	Straight	15° angulated	Shoulder - 1mm	Shoulder - 2mm	Shoulder - 3mm
Height mm	10mm	11mm	10mm	10mm	10mm
Ref.	AGM-100-S	AGM-115-S	AGM-602-1S	AGM-602-2S	AGM-602-3S



**Additional Info:** Recommended torque - 20 Ncm.

**Material:** Titanium

## Direct Prosthetic Screw

Description	S-line screw
Height mm	7.7mm
Ref.	AGM-202S



**Additional Info:** Recommended torque - 20 Ncm.

**Material:** Titanium

## Temporary Abutments

Description	Hex	Non-Hex
Height mm	10mm	10mm
Ref.	AGM-903-SL	AGM-904-SL



**Additional Info:** Recommended torque - 15 Ncm. - Supplied with prosthetic screw

**Material:** PEEK

## Plastic Abutments for Casting Height 11mm

Description	Hex	Non-Hex
Ref.	AGM-P6	AGM-P5



**Additional Info:** Recommended torque - 20 Ncm. - Supplied with prosthetic screw .

**Material:** Plastic

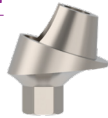
## Straight Multi-Unit

Height mm	1mm	2mm	3mm	4mm	5mm
Ref.	AGM-700-1-S	AGM-700-2-S	AGM-700-3-S	AGM-700-4-S	AGM-700-5-S



## 17° Angulated Multi-Unit

Height mm	1.5mm
Ref.	AGM-717-1-S



## Multi-Unit Prosthetics

Description	Transfer open tray	Analog	Healing Cap
Height mm	22mm	12mm	5mm
Ref.	AGM-508	AGM-507	AGM-509



**Additional Info:** Recommended torque - 5 Ncm. - Using hex driver 1.25 mm.

**Material:** Stainless Steel / Titanium

## Multi-Unit Prosthetics

Description	Prosthetic screw - 2pcs	Temporary cylinder	Plastic cylinder	Temporary PEEK cylinder
Height mm	4.5mm	12mm	12mm	12mm
Ref.	AGM-506-SC	AGM-505	AGM-506	AGM-512



**Additional Info:** Recommended torque - manual only light finger tight (5-10 Ncm) using hand driver 1.25 mm.

**Material:** Titanium / Plastic / Peek

## CAD/CAM Prosthetics

### Scan Post

Height mm	7mm
Material	PEEK
Ref.	SBMU



### Digital Analog

Height mm	9mm
Material	Stainless Steel
Ref.	AD-SP



### Non-Engaging Ti-Base

Height mm	0.3mm
Material	Titanium
Ref.	TBMU



## Multi-Unit Sets

Description	Straight Multi-Unit				
Height mm	1mm	2mm	3mm	4mm	5mm
Ref.	AGM-700-1-SK	AGM-700-2-SK	AGM-700-3-SK	AGM-700-4-SK	AGM-700-5-SK

Description	17° Angulated Multi-Unit
Height mm	1.5mm
Ref.	AGM-717-1-SK

### All Multi-Unit Sets include:

Description	Transfer	Analog	Healing Cap
Ref.	AGM-508	AGM-507	AGM-509
Description	Screw - 2pcs	Temporary cylinder	Plastic cylinder
Ref.	AGM-506-SC	AGM-505	AGM-506





# S-line BALL ATTACHMENT

## Ball Attachment Ø3.7mm





Height mm	1mm	2mm	3mm	4mm	5mm
Ref.	AGM-105-1S	AGM-105-2S	AGM-105-3S	AGM-105-4S	AGM-105-5S

**Additional Info:** Recommended torque - 20 Ncm. - Using hex driver 1.25 mm.

**Material:** Titanium



## Ball Attachment Prosthetics

Description	Standard plastic cap		Soft plastic cap	
Ref.	AGM-105-P		AGM-105-PS	
Hard plastic cap		Metal housing		Protective disk
AGM-105-PH		AGM-105-M		AGM-105-D

## Ball Attachment sets

Height mm	1mm	2mm	3mm	4mm	5mm
Ref.	AGM-105-1SK	AGM-105-2SK	AGM-105-3SK	AGM-105-4SK	AGM-105-5SK



## All Ball Attachment Sets include:

Description	Standard plastic cap	Soft plastic cap	Hard plastic cap	Metal housing	Protective disk
Ref.	AGM-105-P	AGM-105-PS	AGM-105-PH	AGM-105-M	AGM-105-D

## Alfa-Lock Attachment Ø4.5mm






Height mm	1mm	2mm	3mm	4mm	5mm
Ref.	AGM-106-1S	AGM-106-2S	AGM-106-3S	AGM-106-4S	AGM-106-5S

**Additional Info:** Recommended torque - 20 Ncm. - Using hex driver 1.25 mm.

**Material:** Titanium



## All Alfa-Lock Prosthetics

Description	Standard plastic cap	Soft plastic cap	
Ref.	AGM-106-P	AGM-106-PS	
			
Hard plastic cap	Metal housing	Protective disk	
AGM-106-PH	AGM-106-M	AGM-106-D	
			

## Alfa-Lock sets

Height mm	1mm	2mm	3mm	4mm	5mm
Ref.	AGM-106-1SK	AGM-106-2SK	AGM-106-3SK	AGM-106-4SK	AGM-106-5SK



## All Alfa-Lock Sets include:

Description	Standard plastic cap	Soft plastic cap	Hard plastic cap	Metal housing	Protective disk
Ref.	AGM-106-P	AGM-106-PS	AGM-106-PH	AGM-106-M	AGM-106-D

**Scan Post**

Height mm | 10mm  
 Material | PEEK  
 Ref. | SBSL



**Digital Analog**

10mm  
 Stainless Steel  
 AD-SL



**Engaging Ti-Base**

Height mm | 0.5mm  
 Material | Titanium  
 Ref. | TBSL-05



1.5mm  
 Titanium  
 TBSL-15



3.0mm  
 Titanium  
 TBSL-30



**Non-Engaging Ti-Base**

Height mm | 0.5mm  
 Material | Titanium  
 Ref. | TBSL-NH



1.5mm  
 Titanium  
 TBSL-NH-15



3.0mm  
 Titanium  
 TBSL-NH-30



**Scan Body Set**

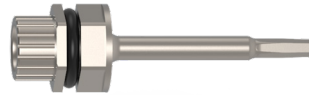
S-LINE PLATFORM10-MM  
 -5PCS.



**S-line** SBSL-10-K

ALL SCAN BODY SETS  
 INCLUDE:

HEX DRIVER  
 1.25MM - (LONG)  
 AGM-400



### Concave Healing Cap Ø4.5mm



Height mm	2mm	3mm	4mm
Ref.	AGM-203-2C	AGM-203-3C	AGM-203-4C

**Additional Info:** Recommended torque - manual only light finger tight (5-10 Ncm) using hand driver 1.25 mm.

**Material:** Titanium

### Standard Healing Cap Ø4.2mm



Height mm	1mm	2mm	3mm	4mm	5mm	6mm	7mm
Ref.	AGM-203-1	AGM-203-2	AGM-203-3	AGM-203-4	AGM-203-5	AGM-203-6	AGM-203-7

**Additional Info:** Recommended torque - manual only light finger tight (5-10 Ncm) using hand driver 1.25 mm.

**Material:** Titanium

### Wide Healing Cap Ø5.0mm


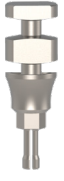





Height mm	1mm	2mm	3mm	4mm	5mm	6mm	7mm
Ref.	AGM-203-1W	AGM-203-2W	AGM-203-3W	AGM-203-4W	AGM-203-5W	AGM-203-6W	AGM-203-7W

**Additional Info:** Recommended torque - manual only light finger tight (5-10 Ncm) using hand driver 1.25 mm.

**Material:** Titanium



### Closed Tray Impression Transfers

Description	with click connection		Concave with click connection		with screw connection	
Height mm	11mm		11mm		8mm	
Ref.	AGM-302		AGM-302-C		AGM-305	
Description	with plastic sleeve		Plastic sleeve - 4pcs			
Height mm	8.5mm		11mm			
Ref.	AGM-304		AGM-304-P			

**Additional Info:** Recommended torque - manual only light finger tight (5-10 Ncm) using hand driver 1.25 mm.

**Material:** Stainless Steel


### Open Tray Impression Transfers

Description	Open tray transfer		Concave open tray transfer	
Height mm	14mm		14mm	
Ref.	AGM-301		AGM-301-C	

**Additional Info:** Recommended torque - manual only light finger tight (5-10 Ncm) using hand driver 1.25 mm.

**Material:** Stainless Steel

### Standard Platform Implant Analog

Description	Implant analog	
Height mm	12mm	
Ref.	AGM-214	

## Straight Abutments

Description	Short thin	Long thin	Short standard	Standard
Height mm	7mm	10mm	7mm	7mm
Ref.	AGM-104S 	AGM-104 	AGM-101S 	AGM-101 

**Additional Info:** Recommended torque - 25 Ncm.


**Material:** Titanium

Description	Short wide	Wide	Long base	Long neck
Height mm	7mm	10mm	13mm	15mm
Ref.	AGM-110S 	AGM-110 	AGM-108 	AGM-109 

**Additional Info:** Recommended torque - 25 Ncm.

**Material:** Titanium


## Shoulder Abutments

Description	Shoulder -1mm	Shoulder -2mm	Shoulder 3mm	Shoulder 4mm	
Height mm	10mm	11mm	12mm	13mm	
Ref.	AGM-602-1	AGM-602-2	AGM-602-3	AGM-602-4	

**Additional Info:** Recommended torque - 25 Ncm.

**Material:** Titanium


## Concave Shoulder Abutments

Description	Shoulder -1mm	Shoulder -2mm	Shoulder -3mm	Shoulder -4mm	
Height mm	10mm	11mm	12mm	13mm	
Ref.	AGM-101-1C	AGM-101-2C	AGM-101-3C	AGM-101-4C	

**Additional Info:** Recommended torque - 25 Ncm.

**Material:** Titanium





## Esthetic Abutments

Description	Esthetic - 1mm	Esthetic - 2mm	Esthetic - 3mm	
Height mm	10mm	11mm	12mm	
Ref.	AGM-802-1	AGM-802-2	AGM-802-3	

**Additional Info:** Recommended torque - 25 Ncm.

**Material:** Titanium

## 15° Angulated Abutments

Description	15° Thin	15° Short	15° Standard	15° Long
Height mm	9.5mm	7mm	9.5mm	12mm
Ref.	AGM-102T 	AGM-102S 	AGM-102 	AGM-107 

**Additional Info:** Recommended torque - 25 Ncm.

**Material:** Titanium

### 15° Angulated Esthetic Abutments

Description	15° Esthetic - 1mm	15° Esthetic - 2mm	15° Esthetic - 3mm
Height mm	10mm	11mm	12mm
Ref.	AGM-102-E1	AGM-102-E2	AGM-102-E2



**Additional Info:** Recommended torque - 25 Ncm.

**Material:** Titanium

### 15° Concave Angulated Esthetic Abutments

Description	15° Concave - 1mm	15° Concave - 2mm	15° Concave - 3mm
Height mm	10mm	11mm	12mm
Ref.	AGM-102-1C	AGM-102-2C	AGM-102-3C



**Additional Info:** Recommended torque - 25 Ncm.

**Material:** Titanium

### 25° Angulated Abutments

Description	25° Short	25° Standard	25° Long
Height mm	7mm	9.5mm	12mm
Ref.	AGM-103S	AGM-103	AGM-111



**Additional Info:** Recommended torque - 25 Ncm.

**Material:** Titanium

### 25° Angulated Esthetic Abutments

Description	25° Esthetic - 1mm	25° Esthetic - 2mm	25° Esthetic - 3mm
Height mm	10mm	11mm	12mm
Ref.	AGM-103-E1	AGM-103-E2	AGM-103-E3



**Additional Info:** Recommended torque - 25 Ncm.

**Material:** Titanium

### 25° Concave Angulated Esthetic Abutments

Description	25° Concave - 1mm	25° Concave - 2mm	25° Concave - 3mm
Height mm	10mm	11mm	12mm
Ref.	AGM-103-1C	AGM-103-2C	AGM-103-3C



**Additional Info:** Recommended torque - 25 Ncm.

**Material:** Titanium

### 35° - 45° Angulated Abutments

Description	35°	45°
Height mm	11mm	11mm
Ref.	AGM-106	AGM-145



**Additional Info:** Recommended torque - 25 Ncm.

**Material:** Titanium

## UCLA Abutment for Casting

Description	Castable hexed abutment CoCr base
Height mm	16mm
Ref.	UCLA



## Direct Prosthetic Screw

Description	Standard platform screw
Height mm	7.7mm
Ref.	AGM-202



**Additional Info:** Recommended torque - 25 Ncm.

**Material:** CoCr / Plastic






## Plastic Abutments for Casting Height 11mm

Description	Hex wide profile		Hex sleeve		Non-Hex sleeve	
Ref.	AGM-P1		AGM-P3		AGM-P4	

**Additional Info:** Recommended torque - 25 Ncm. - Supplied with prosthetic screw AGM-202

**Material:** Plastic

## Temporary Abutments

Description	Long screw -2pcs		Hex		Non-Hex		Hex		Non-Hex	
Height mm	15mm		10mm		10mm		10mm		10mm	
Ref.	AGM-900		AGM-901		AGM-902		AGM-903		AGM-904	

**Additional Info:** Recommended torque - 20 Ncm. - Supplied with prosthetic screw AGM-202

**Material:** Titanium / Peek

## Single Unit Ø4.6mm

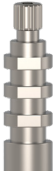


Height mm	1mm	2mm	3mm
Ref.	AGM-207-1H	AGM-207-2H	AGM-207-3H



**Additional Info:** Recommended torque - 25 Ncm. Anti rotation anatomic connector used for single unit screw retained restorations.

**Material:** Titanium

## Single Unit Abutments

Description	Transfer open tray		Analog		Healing Cap	
Height mm	22mm		9.5mm		3mm	
Ref.	AGM-301-H		AGM-214-H		AGM-509-H	

**Additional Info:** Recommended torque - manual only light finger tight (5-10 Ncm) using hand driver 1.25 mm.

**Material:** Stainless Steel / Titanium

## Single Unit Abutments

Description	Screw - 2pcs		Plastic		Temporary	
Height mm	4mm		12mm		12mm	
Ref.	AGM-207-SCH		AGM-207-PH		AGM-207-PK	

**Additional Info:** Recommended torque - 20 Ncm. - Using hex driver 1.25 mm.

**Material:** Titanium / Plastic / Peek



**Scan Post**

Height mm | 7mm  
 Material | PEEK  
 Ref. | SBH-07



10mm  
 PEEK  
 SBH-10



**Digital Analog**

9mm  
 Stainless Steel  
 AD-SP



**Engaging Ti-Base**

Height mm | 0.5mm  
 Material | Titanium  
 Ref. | TBH-05



1.5mm  
 PEEK  
 TBH-15



3.0mm  
 Stainless Steel  
 TBH-30



**Non-Engaging Ti-Base**

Height mm | 0.5mm  
 Material | Titanium  
 Ref. | TBNH-05



1.5mm  
 PEEK  
 TBNH-15



3.0mm  
 Stainless Steel  
 TBNH-30



**Engaging Ti-Base Compatible Sirona**

Height mm | 1.0mm  
 Material | Titanium  
 Ref. | TBS



**Suggested Workflow:**

**Scanning:**

Scan intraorally or on your model with an Alfa Gate scan post.

**Designing:**

In the Alfa Gate implant library, select the implant scan post and Ti-Base height. Design the implant's restoration.

**Milling:**

Send the design file to mill your restoration.

**Cementation:**

Cement the milled restoration on Ti-Base.

**Scan Body Set**

INTERNAL HEX PLATFORM10-MM  
 -5PCS.



**SP** SBH-10-K

ALL SCAN BODY SETS  
 INCLUDE:

HEX DRIVER  
 1.25MM - (LONG)  
 AGM-400



**Straight Multi-Unit Ø5.0mm**

Height mm	1mm	2mm	3mm	4mm	5mm
Ref.	AGM-700-1	AGM-700-2	AGM-700-3	AGM-700-4	AGM-700-5

**Additional Info:** Recommended torque - 25 Ncm. - Using hex driver 1.25 mm.

**Material:** Titanium



**17° Angulated Multi-Unit Ø5.0mm**

Height mm	1mm	2mm	3mm
Ref.	AGM-717-1	AGM-717-2	AGM-717-3

**Additional Info:** Recommended torque - 25 Ncm. - Using hex driver 1.25 mm.

**Material:** Titanium



**30° Angulated Multi-Unit Ø5.0mm**

Height mm	1mm	2mm	3mm
Ref.	AGM-730-1	AGM-730-2	AGM-730-3

**Additional Info:** Recommended torque - 25 Ncm. - Using hex driver 1.25 mm.

**Material:** Titanium



**45° Angulated Multi-Unit Ø5.0mm**

Height mm	1mm
Ref.	AGM-745-1

**Additional Info:** Recommended torque - 25 Ncm. - Using hex driver 1.25 mm.

**Material:** Titanium



**Multi-Unit Prosthetics**

Description	Transfer open tray	Analog	Healing Cap
Height mm	22mm	12mm	5mm
Ref.	AGM-508	AGM-507	AGM-509

**Additional Info:** Recommended torque - 5 Ncm. - Using hex driver 1.25 mm.

**Material:** Stainless Steel / Titanium

**Multi-Unit Prosthetics**

Description	Prosthetic screw - 2pcs	Temporary cylinder	Plastic cylinder	Temporary PEEK cylinder
Height mm	4.5mm	12mm	12mm	12mm
Ref.	AGM-506-SC	AGM-505	AGM-506	AGM-512

**Additional Info:** Recommended torque - manual only light finger tight (5-10 Ncm) using hand driver 1.25 mm.

**Material:** Titanium / Plastic / Peek

**Multi-Unit CAD/CAM**

**Scan Post**

Height mm	7mm
Material	PEEK
Ref.	SBMU



**Digital Analog**

Height mm	9mm
Material	Stainless Steel
Ref.	AD-MU



**Non-Engaging Ti-Base**

Height mm	0.3mm
Material	Titanium
Ref.	TBMU



**SP Straight Multi-Unit**

Height mm	1mm	2mm	3mm	4mm	5mm
Ref.	AGM-700-1-K	AGM-700-2-K	AGM-700-3-K	AGM-700-4-K	AGM-700-5-K

**SP 17° Angulated Multi-Unit**

Height mm	1mm	2mm	3mm
Ref.	AGM-717-1-K	AGM-717-2-K	AGM-717-3-K

**SP 30° Angulated Multi-Unit**

Height mm	1mm	2mm	3mm
Ref.	AGM-730-1-K	AGM-730-2-K	AGM-730-3-K

**SP 45° Angulated Multi-Unit**

Height mm	1mm
Ref.	AGM-745-1-K



**All Multi-Unit Sets include:**

Description	Transfer	Analog	Healing Cap
Ref.	AGM-508	AGM-507	AGM-509
Description	Screw - 2pcs	Temporary cylinder	Plastic cylinder
Ref.	AGM-506-SC	AGM-505	AGM-506

**MU Multi-Unit Scan body sets**

MULTI-UNIT PLATFORM-10MM -5PCS.

ALL SCAN BODY SETS INCLUDE:




**MU** SBMU-K

HEX DRIVER  
1.25MM - (LONG)  
AGM-400




**Standard Ball Attachment Ø4.2mm**

Height mm	0.5mm	1mm	2mm	3mm	4mm	5mm	6mm	7mm	
Ref.	AGM-105-0.5	AGM-105-1	AGM-105-2	AGM-105-3	AGM-105-4	AGM-105-5	AGM-105-6	AGM-105-7	

**Additional Info:** Recommended torque - 25 Ncm. - Using hex driver 1.25 mm.

**Material:** Titanium



**Concave Ball Attachment Ø4.2mm**

Height mm	1mm	2mm	3mm	4mm	
Ref.	AGM-105-1C	AGM-105-2C	AGM-105-3C	AGM-105-4C	

**Additional Info:** Recommended torque - 25 Ncm. - Using hex driver 1.25 mm.

**Material:** Titanium


**Angulated Multi Base Height 1.5mm**

Description	Multi base 17°		Multi base 30°	
Ref.	AGM-501		AGM-502	

**Additional Info:** Recommended torque - 25 Ncm. - Using hex driver 1.25 mm.

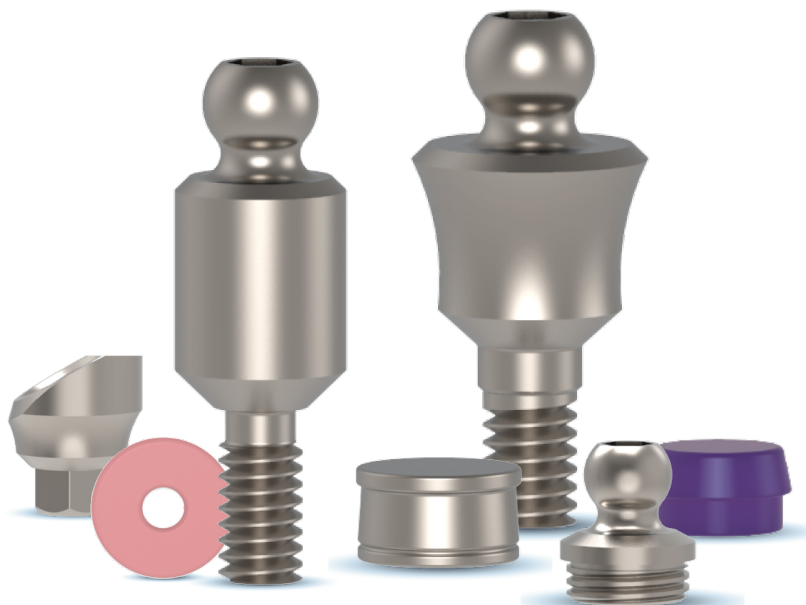
**Material:** Titanium

**Ball Attachment for Multi Base**

Height mm	1mm	2mm	3mm	
Ref.	AGM-504-1	AGM-504-2	AGM-504-3	

**Additional Info:** Recommended torque - 25 Ncm. - Using hex driver 1.25 mm.

**Material:** Titanium



Height mm	1mm	2mm	3mm	4mm	5mm	6mm	7mm
Ref.	AGM-105-1K	AGM-105-2K	AGM-105-3K	AGM-105-4K	AGM-105-5K	AGM-105-6K	AGM-105-7K

**All Ball Attachment Sets include:**

Description	Standard plastic cap	Soft plastic cap
Ref.	AGM-105-P 	AGM-105-PS 
Hard plastic cap	Metal housing	Protective disk
AGM-105-PH 	AGM-105-M 	AGM-105-D 



**Ball Attachment Replacement Set**

Ref. AGM-105-1T

**All Ball Attachment Sets include:**

Description	Standard plastic cap	Soft plastic cap
Ref.	AGM-105-P 	AGM-105-PS 
Hard plastic cap	Metal housing	Protective disk
AGM-105-PH 	AGM-105-M 	AGM-105-D 



### Alfa-Lock Attachment Ø4.5mm

Height mm	1mm	2mm	3mm	4mm	5mm
Ref.	AGM-106-1	AGM-106-2	AGM-106-3	AGM-106-4	AGM-106-5



**Additional Info:** Recommended torque - 25 Ncm. - Using hex driver 1.25 mm.

**Material:** Titanium



### Plastic Cap for Alfa-Lock

Description	Standard	Soft	Hard
Ref.	AGM-106-P 	AGM-106-PS 	AGM-106-PH 

**Additional Info:** Used for all types of Alfa-Lock

**Material:** Plastic



### Metal Housing and Protective Disk

Description	Metal housing	Protective disk
Height mm	2.8mm	0.5mm
Ref.	AGM-106-M 	AGM-106-D 

**Additional Info:** Used for all types of Alfa Lock

**Material:** Stainless Steel / Plastic


### Angulated Multi Base Height 1.5mm

Description	Multi base 17°	Multi base 30°
Ref.	AGM-501 	AGM-502 

**Additional Info:** Recommended torque - 25 Ncm. - Using hex driver 1.25 mm.

**Material:** Titanium

### Alfa-Lock for Multi Base Ø4.5mm

Height mm	1mm	2mm	3mm
Ref.	AGM-510-1	AGM-510-2	AGM-510-3 

**Additional Info:** Recommended torque - 25 Ncm. - Using hex driver 1.25 mm.



**Material:** Titanium



**Alfa-Lock Sets**

Height mm	1mm	2mm	3mm	4mm	5mm
Ref.	AGM-106-1K	AGM-106-2K	AGM-106-3K	AGM-106-4K	AGM-106-5K

**All Alfa-Lock Sets include:**

Description	Standard plastic cap	Soft plastic cap
Ref.	AGM-106-P 	AGM-106-PS 
Hard plastic cap	Metal housing	Protective disk
AGM-106-PH 	AGM-106-M 	AGM-106-D 



**Alfa-Lock Replacement Set**

Ref. AGM-106-1T

**All Alfa-Lock Sets include:**

Description	Standard plastic cap	Soft plastic cap
Ref.	AGM-106-P 	AGM-106-PS 
Hard plastic cap	Metal housing	Protective disk
AGM-106-PH 	AGM-106-M 	AGM-106-D 



**Alfa-Lock Multi Tool:**

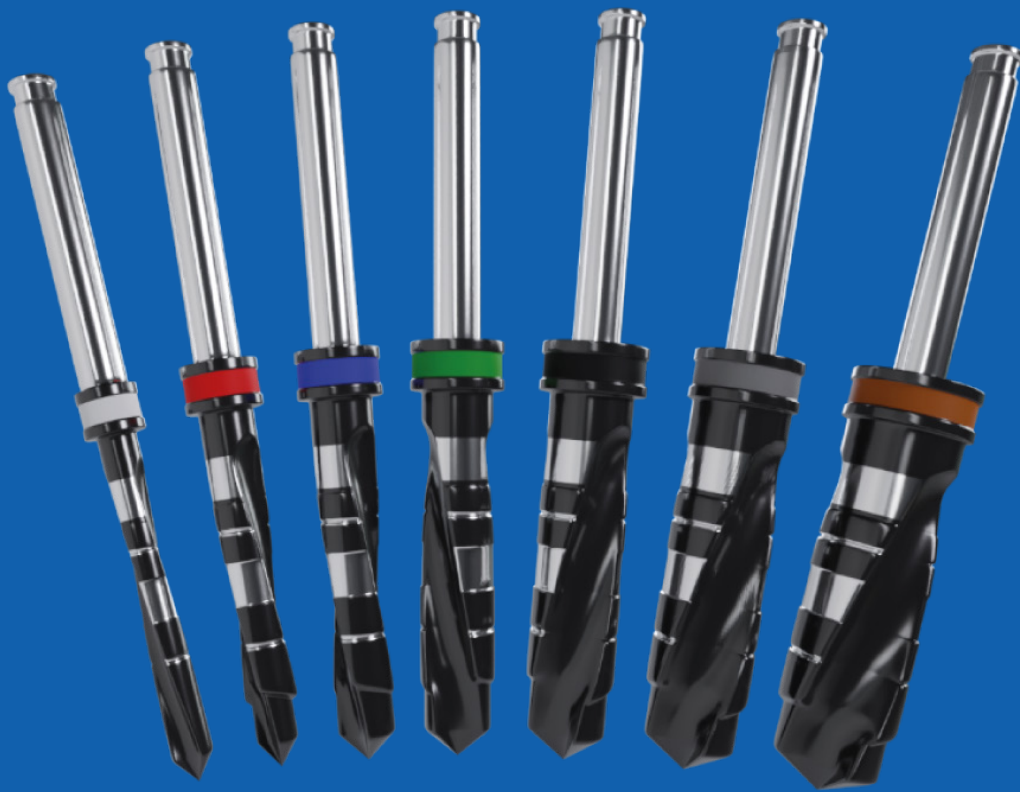
Ref. IT-AL

For Insertion/ Extraction Plastic caps.



# SURGICAL KITS & INSTRUMENTS

<i>Kits</i>	44-49
<i>Instruments &amp; Tools</i>	50-52
<i>Surgical Drills</i>	53
<i>Alfa Bone</i>	54
<i>Alfa Motor</i>	55



---

# SURGICAL KITS

# Advanced Kit

The Alfa Gate Advanced Kit improves your surgical procedure with an array of instruments needed for all cases, compatible with all our implant platforms.

The kit also includes stopper sleeves that fits over the surgical drill, securely limiting its depth of penetration, thereby enhancing accuracy, safety, and consistency to ensure better implant placement.

## Kit includes:



Implant site depth probe

**DPT**

## Implant Insertion Tools:

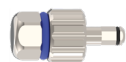


Handpiece 2.5mm (Long)

**HAL**

Handpiece 2.5mm (Short)

**HAS**



Hand/Ratchet

**ITUS**



2.5mm (Long)

**IT2.5**



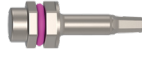
2.5mm (Short)

**ITS2.5**



S-line 2.0mm (Long)

**IT2**



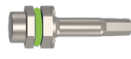
S-line 2.0mm (Short)

**ITS2**



RC 2.0mm (Long)

**IT-RC**



RC 2.0mm (Short)

**ITS-RC**



One-Piece (Long)

**ITSL**



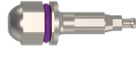
One-Piece (Short)

**ITSLS**



NP (Long)

**IT-NP**



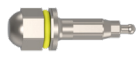
NP (Short)

**ITS-NP**



RP (Long)

**IT-RP**



RP (Short)

**ITS-RP**

## Drill stoppers:



6mm

8mm

10mm

11.5mm

13mm



Torque wrench

**TW**

## Tools:



Drill extender

**DE**



Parallel pin x4

**PP**



Tissue punch Ø 4mm

**PCH-4**



Tissue punch Ø 5mm

**PCH-5**

## Prosthetic Drivers Hex:



Long

**RGM-400-RC**



Short

**RGM-400-S-RC**



Hand

**AGM-400-R**



Handpiece

**HB**

## Drills:



**DM**



**DB2.0**



**DB2.0-2.8**



**DB2.8-3.2**



**DB3.2-3.65**



**DB3.65-4.2**



**DB4.2-4.6**



**DB4.6-5.2**



## Advanced Kit

Ref. SKTEX

# Premium Kit

Premium Surgical Kit has the most precise and unique set of tools to complete even the complex cases with ease.

The kit includes 25 built-in stopper drills that ensure a simple and accurate depth control during the drilling process.

It also includes a set of standard drills for hands-free procedures.

## Kit includes:

### Tools:



Parallel pin x2  
*PP*



Ratchet wrench  
*RW*

### Prosthetic Drivers Hex 1.25mm:



Long  
*AGM-400*



Short  
*AGM-400-S*

### Implant Insertion Tools:



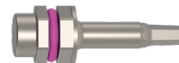
2.5mm (Long)  
*IT2.5*



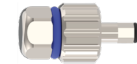
2.5mm (Short)  
*ITS2.5*



S-line 2.0mm (Long)  
*IT2*



S-line 2.0mm (Short)  
*ITS2*



Hand/Ratchet  
*ITUS*



Handpiece 2.5mm (Short)  
*HAS*

### Drills:



*DM*



*DB2.0-2.8*



*DB3,2-3.65*



*D2.0*



*DB2.8-3.2*



*DB3,65-4.2*



*DB4.2-4.6*

### Stopper Drills:



*Ø2-L13mm*



*Ø2.8-L13mm*



*Ø3.2-L13mm*



*Ø2-L11.5mm*



*Ø2.8-L11.5mm*



*Ø3.2-L11.5mm*



*Ø2-L10mm*



*Ø2.8-L10mm*



*Ø3.2-L10mm*



*Ø2-L8mm*



*Ø2.8-L8mm*



*Ø3.2-L8mm*



*Ø2-L6mm*



*Ø2.8-L6mm*



*Ø3.2-L6mm*



*Ø3.65-L13mm*



*Ø4.2-L13mm*



*Ø3.65-L11.5mm*



*Ø4.2-L11.5mm*



*Ø3.65-L10mm*



*Ø4.2-L10mm*



*Ø3.65-L8mm*



*Ø4.2-L8mm*



*Ø3.65-L6mm*



*Ø4.2-L6mm*





## Premium Kit

Ref. SPKTM

# Prime Kit

The Prime Surgical Kit is one of Alfa Gate's most impressive and compact dental kits, designed to include everything a surgeon needs for optimal results.

## Kit includes:



Ratchet wrench

**RW**

## Implant Insertion Tools:



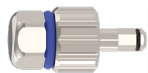
Handpiece 2.5mm (Long)

**HAL**



Handpiece 2.5mm (Short)

**HAS**



Hand/Ratchet

**ITUS**



2.5mm (Long)

**IT2.5**



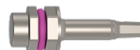
2.5mm (Short)

**ITS2.5**



S-line 2.0mm (Long)

**IT2**



S-line 2.0mm (Short)

**ITS2**

## Prosthetic Drivers Hex 1.25mm:



Long

**AGM-400**



Short

**AGM-400-S**



Hand

**AGM-400-R**



Handpiece

**HB**

## Tools:



Drill extender

**DE**



Parallel pin x4

**PP**



Ref. **BSKT**

## Drills:



**DM**



**DB2.0**



**DB2.0-2.8**



**DB2.8-3.2**



**DB3.2-3.65**



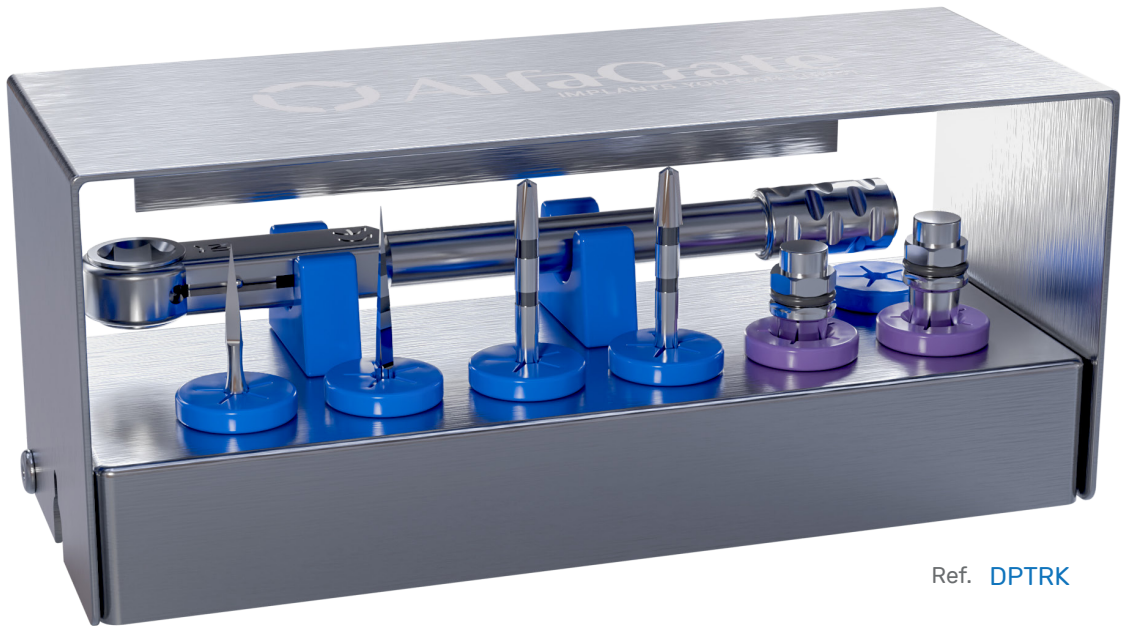
**DB3.65-4.2**



**DB4.2-4.6**

# Patro Kit

The Patro Kit provides a complete and compact solution for one-piece implant procedures, including all the necessary tools for seamless implant insertion and neck bending.



Ref. DPTRK

## Kit includes:



Ratchet wrench  
RW

## Drills

Description	Point Drill 1.5	Lance Drill 1.8	Cortical Drill 2.5	Cortical Drill 3.0
Ø / Height mm	Ø 1.5 mm	Ø 1.8 mm	Ø 2.5 mm	Ø 3.0 mm
Ref.	DM1.5	LD1.8	CD2.5	CD3.0

## One-Piece Implant Insertion Tools



Description	Long	Short
mm	2.1 mm	2.1 mm
Ref.	ITSL	ITSLS

**Additional Info:** Used for insertion of One-Piece implant (Patro)

**Material:** Stainless Steel

# Surgical Instruments & Tools



## Tissue Punch

Ø mm	4.0 mm		5.0 mm	
Ref.	PCH-4		PCH-5	

**Additional Info:** Used for gingival punch and implant uncovering

**Material:** Stainless Steel

## Trephine Drills

Ø mm	4.0/5.0 mm		5.0/6.0 mm	
Ref.	TDR 4-5		TDR 5-6	

**Additional Info:** Used for bone harvesting and implant removal

**Material:** Stainless Steel



## Marking Drill and Drill Extender

Description	Marking drill		Lance Drill		Drill extender	
Ø / Height mm	Ø 1.9 mm		Ø 1.5 mm		H :26mm	
Ref.	DM		DM 1.5		DE	

**Additional Info:** Extends drills by 17 mm for marking the cortical plate

**Material:** Stainless Steel



## Standard Platform Implant Insertion Tools

Description	Long		Short	
mm	2.42 mm		2.42 mm	
Ref.	IT-2.5		ITS-2.5	

**Additional Info:** Used for internal hex implant insertion 2.42 mm (Bioactive, TRIO, MAX, Porous)

**Material:** Stainless Steel

## S-line Implant Insertion Tools

Description	Long		Short	
mm	2.0 mm		2.0 mm	
Ref.	IT-2		ITS-2	

**Additional Info:** Used for internal hex implant insertion 2.0 mm (S-line)

**Material:** Stainless Steel





## One-Piece Implant Insertion Tools

Description	Long		Short	
mm	2.1 mm		2.1 mm	
Ref.	ITSL		ITSLS	

**Additional Info:** Used for insertion of One-Piece implant (Patro)

**Material:** Stainless Steel

## Contra Angle Drivers

Description	Handpiece 2.42mm insertion tool		Handpiece 2.0mm insertion tool		Handpiece 1.25mm insertion tool		Key adaptor for handpiece	
mm	2.42 mm		2.0 mm		1.25 mm		6.35 mm	
Ref.	HA		HC		HB		HPD	

**Additional Info:** Recommended insertion speed 15-25 RPM

**Material:** Stainless Steel

## Parallel Pin and Spacer

Description	Drilling spacer		Parallel pin		Used for parallel placement of implant
mm	2.42 mm		2.0/2.8 mm		
Ref.	SPR		PP		

**Additional Info:** Used for precise spacing and parallel placement of implant

**Material:** Stainless Steel




## Prosthetics Hex Drivers

Description	Long		Short	
mm	1.25 mm		1.25 mm	
Ref.	AGM-400		AGM-400S	

**Additional Info:** Compatible with all Alfa Gate prosthetics and screws

**Material:** Stainless Steel

## Insertion Driver for Implant Carrier

Description	Handpiece - Long		Handpiece - Short		Hand/Ratchet	
mm	2.42 mm		2.42 mm		2.42 mm	
Ref.	HAL		HAS		ITUS-2.5	


**Additional Info:** Recommended insertion speed 15-25 RPM

**Material:** Stainless Steel



# Surgical Instruments & Tools

## Universal Torque Wrench 10-45 Ncm


Ø mm	6.35mm	
Ref.	TW	6.35mm



**Additional Info:** Allows the clinician to accurately apply the recommended preload torque for implant insertion and prosthetics

**Material:** Stainless Steel

## Ratchet Wrench


Ø mm	6.35mm	
Ref.	RW	6.35mm



**Additional Info:** The ratchet wrench is used for implant placement and tightening

**Material:** Stainless Steel

## Prosthetic Holder


Ø mm	2.42 mm	
Ref.	PH	2.42mm



**Additional Info:** Provides an easy way to shape and grind abutments

**Material:** Stainless Steel

## Surgical Screw Driver

Ø mm	6.35mm	
Ref.	SDI	2.42mm



**Additional Info:** Manual implant driver allows tactile feel and controlled implant insertion

**Material:** Stainless Steel

## Implant Depth Probe

Ø mm	2.0 mm
Ref.	DPT



**Additional Info:** Implant site depth probe.

**Material:** Stainless Steel

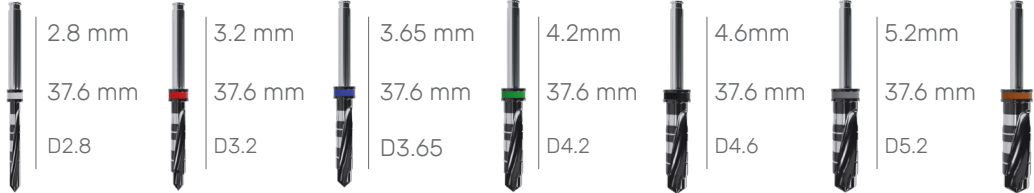




# Surgical Drills

## Dual Step Drill External Irrigation

Ø mm	2.0 mm	2.8 mm	3.2 mm	3.65 mm	4.2mm	4.6mm	5.2mm
Height mm	37.6 mm	37.6 mm	37.6 mm	37.6 mm	37.6 mm	37.6 mm	37.6 mm
Ref.	DP2	D2.8	D3.2	D3.65	D4.2	D4.6	D5.2

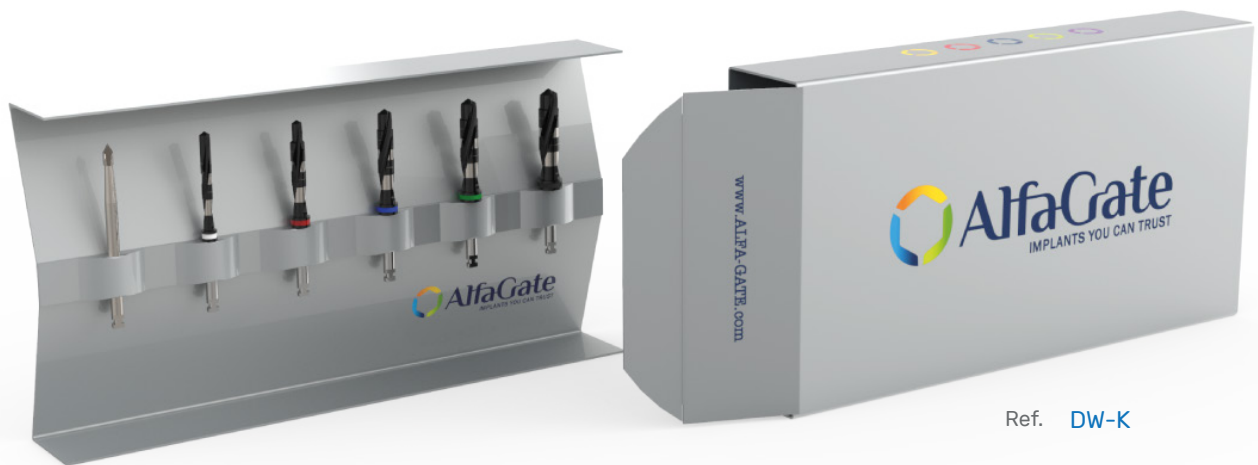


**Material:** Stainless Steel

## Drill Replacement Kit

Ø mm	Marking Drill	2.0 mm	2.8 mm	3.2 mm	4.2 mm
Ref.	DM	DB2	DB2.0-2.8	DB3.2-3.65	DB3.65-4.2

**Material:** Stainless Steel



Ref. DW-K

# Alfabone

Alfa Bone is a resorbable bone graft, fully synthetic biphasic bone substitute with controlled resorption properties.

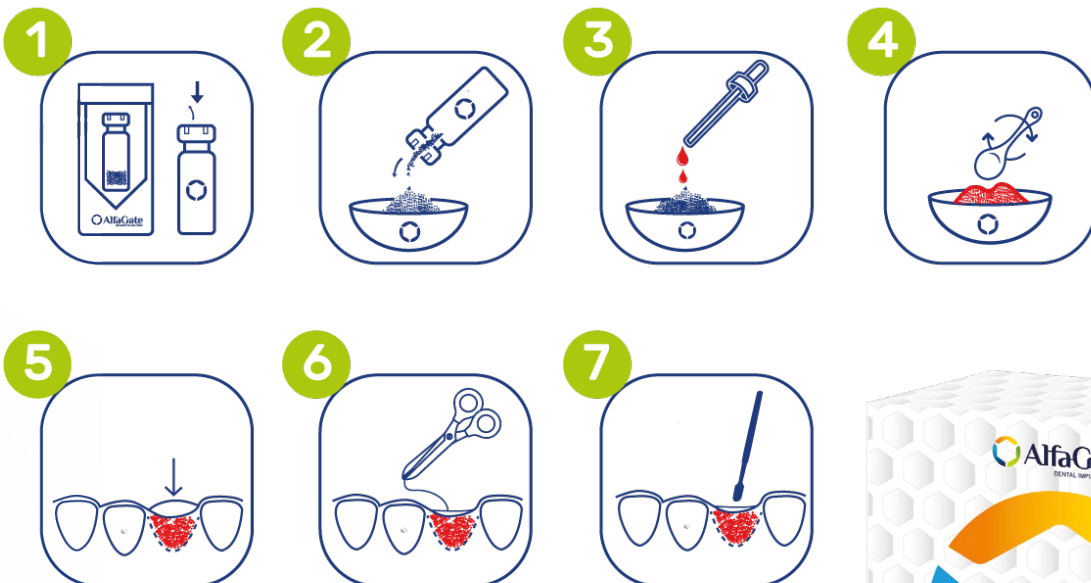
Alfa Bone is made from homogenous composition of 75% hydroxyapatite (HA) and 25% beta tri-calcium phosphate (b-TCP) which results in bi-phasic activity formation of new bone tissue, while maintaining volume and mechanical stability.



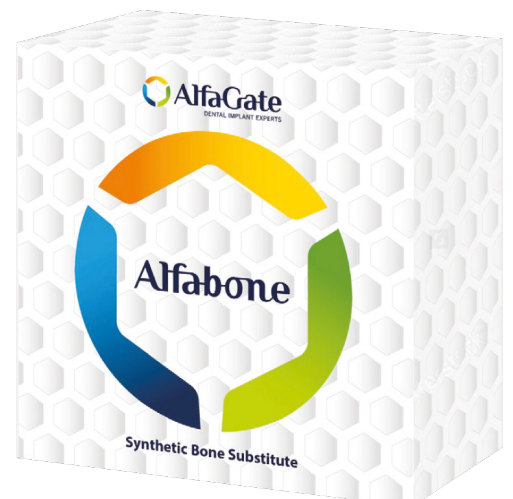
### Applications:

- Periodontal defects.
- Sinus floor elevation.
- Alveolar augmentations.
- Socket preservation.

### Handling



Description	0.1-0.5 mm	0.5-1.0 mm	1.0-2.0 mm
mm	1g x 5	1g x 5	1g x 5
Ref.	<b>ALBXXS-5</b>	<b>ALBS-5</b>	<b>ALBL-5</b>



The new Alfa Motor system was developed with the intention to provide extra smoothness into your hands. Electronic motor and sophisticated motor controls are key players in this product.

New design with smooth edges for easy cleaning. An LCD display that provides you all the information at a glance.

Single function haptic keys and audible feedback guarantee an accurate device setup.

Inserting and changing tube sets is carried out effortlessly by a front access push button and tube compartment.

## Surgical Handpieces (20:1)



## Multi-Functional Foot Control (Ki-F20)



- A-Coolant (4 steps)
- B-Program (9 programs)
- C-F/R direction
- D-Speed foot control

The tube bracket swings out and stays in plain sight while the tube set is positioned between the two notches of the bracket. A broad variety of extensions and accessories are available.

## Features

- Suitable for oral and maxillofacial surgery
- Maximum 70 Ncm torque (20:1)
- Speed range and torque level



Gear Ratio	1 : 1	1 : 2	20 : 1	32 : 1
RPM	600 - 40,000	1,200 - 80,000	20 - 2,000	20 - 1,200
NCM	-	-	5 - 70	5 - 90

- 9 Memory programs - optic(on/off), speed, gear ratio, coolant, forward/reverse, torque.
- LCD display

## Ref.

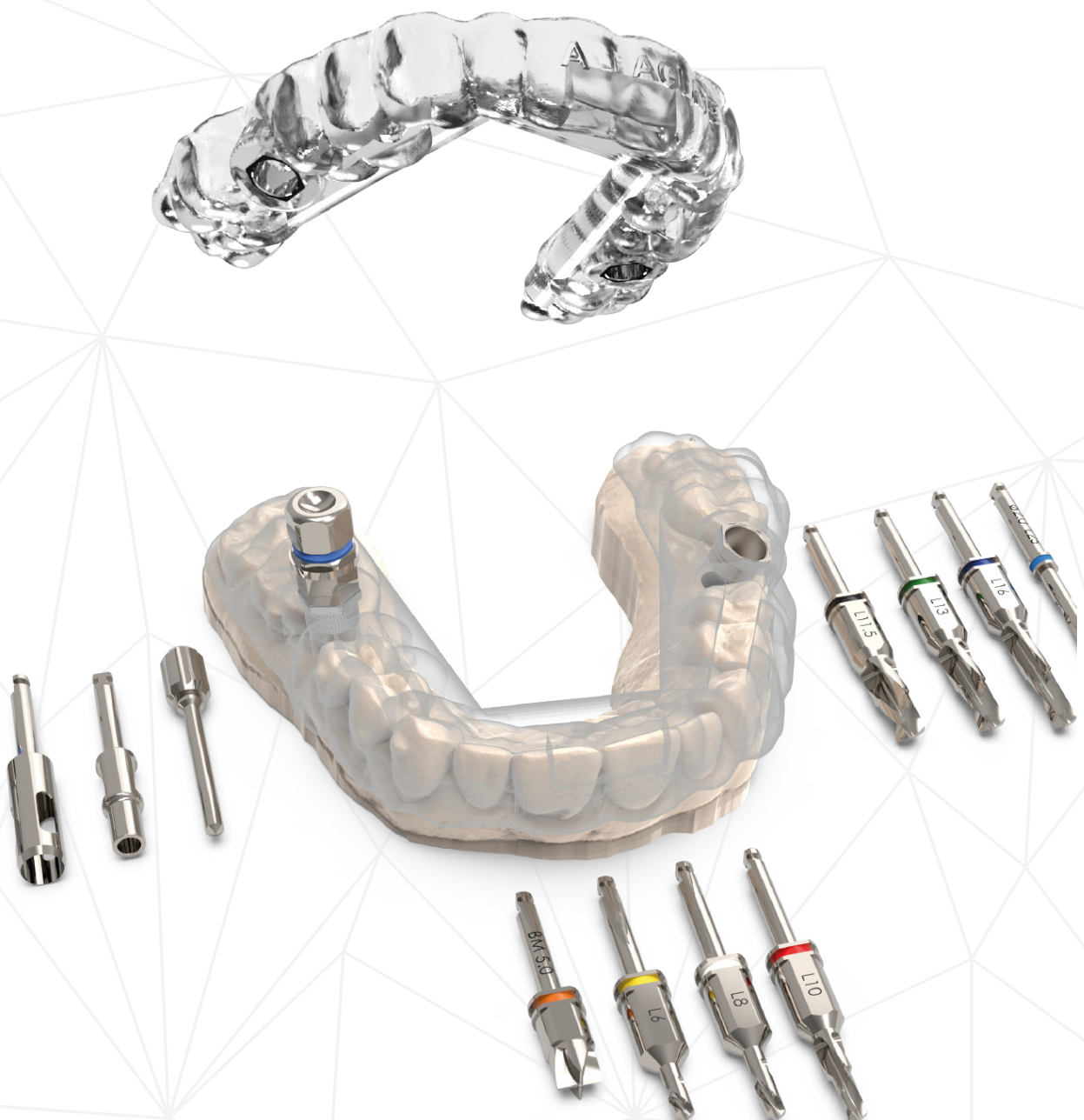
- AGPHY** | Alfa Motor Physio dispenser
- AGHP** | Fiber optic hand piece
- AGPHT** | Irrigation tube



Alfa Gate guarantees complete prosthetic-driven implant planning, ensuring ideal dental restoration with our advanced Alfa Guide digital technology.

The Alfa Guide Team includes the leading oral surgeons and technicians with many years of experience in innovating the digital dentistry world.

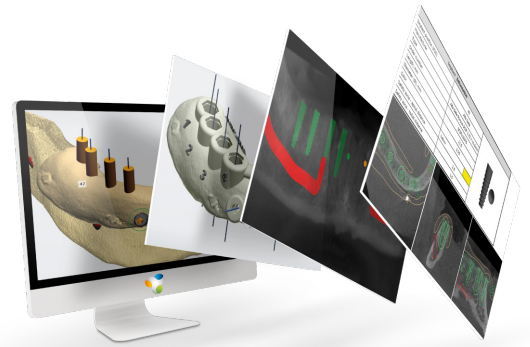
We guarantee a fully guided surgical procedure that assures the optimal implant for clinical execution, completing the operation using the full Alfa Guide Package.



# Advantages of Alfa Guide

## Digital Dentistry Done Right!

The surgical plan is done by experienced oral surgeons, Alfa Guide Team plans the virtual surgical procedure effortlessly and effectively.



## Available Advisory

Alfa Guide Team offers consultancy for every case, with special guidance to perform the most ideal surgical procedure.

## Surgical Guide You Can Trust

Perfect fit for precise implant placement guaranteeing successful procedure even in the most challenging cases. Varying diameters can be inserted in the surgical Guide, from 3mm to 5mm and up to 16mm in length.



## Intuitive Kit Layout

The surgical kit makes the surgical procedure easier and more precise due to its straight forward and simple design; The comprehensive and single kit layout has insertion tools and drills for all implant platforms.

## Innovative Sleeve Design

Titanium Sleeve with Hex indication for accurate final implant placement.



## Alfa Guide Sleeves

Description	Full Sleeve	Narrow Sleeve	Open Sleeve	Anchor Sleeve	Pilot Drill Sleeve
mm	5mm	5mm	5mm	7mm	5mm
Ref.	SLV-F	SLV-N	SLV-O	SLV-A	SLV-P
Internal Ø	5mm	5mm	5mm	2mm	2mm



## Alfa Guide Surgical Kit

Alfa Guide Surgical Kit is an intuitive kit that has every tool needed to complete your guided surgical procedure.

Moreover, each drill has a simple color-coding sequence, and all the necessary insertion tools are present in a single layout.

The fully guided placement of the implant can be inserted through the surgical guide using the special insertion keys that are included in the kit.

### Kit Layout Categories

#### Site preparation

Tissue Punch Ø5mm



Bone Mill



Fixation Pin



Fixation Drill Ø2- L19mm



Pilot Drill Ø2- L25mm



#### Drilling

Ø2.0mm



Ø2.8mm



Ø3.2mm



Ø3.65mm



Ø4.2mm



Drills Lengths:

L: 6 / 8 / 10 / 11.5 / 13 / 16mm

#### Implant Insertion

Standard Platform  
ITG-2.5



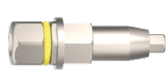
Standard Platform  
ITG-2.5L



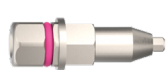
M+ Narrow Platform  
ITG-NP



M+ Regular Platform  
ITG-RP



S-line 3.0mm Narrow-  
ITG-2



#### Tools and Fixation

Hand Piece Adapter  
HAS



Long prosthetics Key  
AGM-400



Short prosthetics Key  
AGM-400-S



Drill Extender  
DE



Fixation Crestal Screw



Torque Wrench  
TW



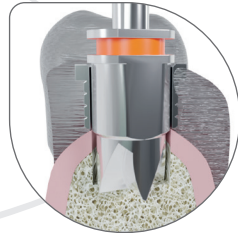


## Advantages of Alfa Guide Surgical Kit

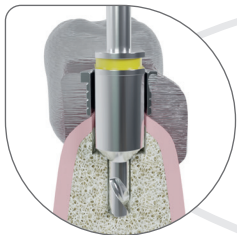
---



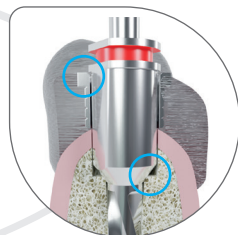
**Tissue punch**- for minimally invasive procedures for flapless surgery.



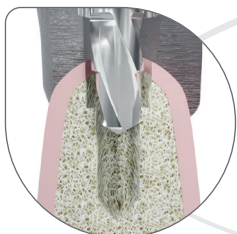
**Bone mill**- designed for flattening crestal bone and knife edges or narrow alveolar ridges. Moreover, it can be used to remove the soft tissue after the use of tissue punch.



**Start drill** creates the initial osteotomy for the implant to make the drilling sequence more efficient.



**Double stopper mechanism** as Guided drills are designed with this mechanism, the drill stops at the sleeve level and at the bone level which makes the drilling **safer**.



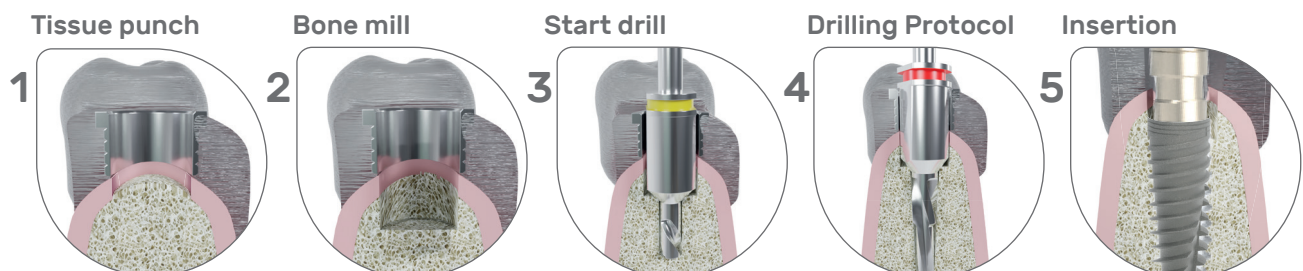
**Dual-step drill** and its unique protocol maintain a previous diameter at the tip of its drill, ensuring that they not only stabilize at the guide level but also at the drill tip, thus **avoiding potential operator errors**.



**The two flat sides** of the drill allow for **maximal cooling** during osteotomy which allows for maintaining irrigation thus **avoiding bone heating**.

---

## Surgical Kit Workflow:

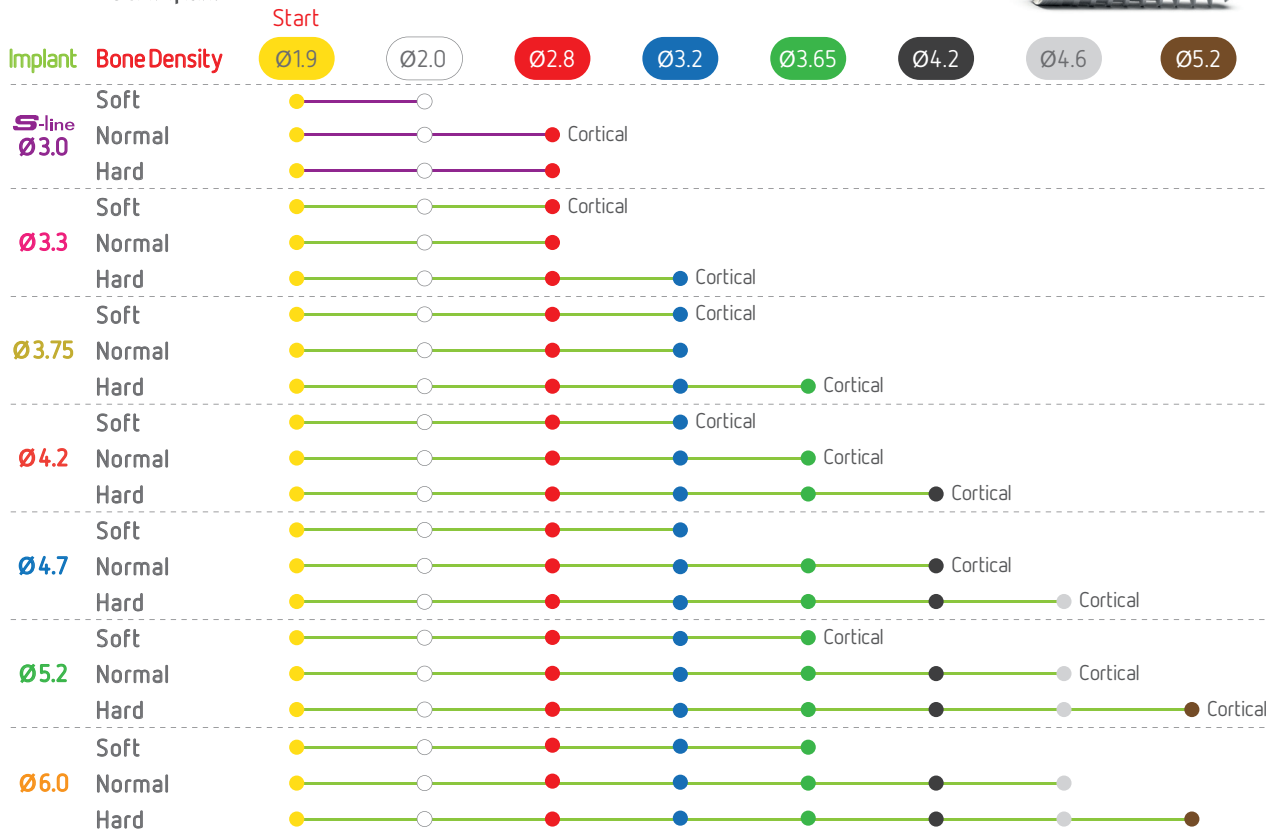


# DRILLING PROTOCOL

<i>Bioactive/S-line</i>	61
<i>Trio/Max</i>	62
<i>Porous/Patro</i>	63
<i>Drilling chart reference</i>	64

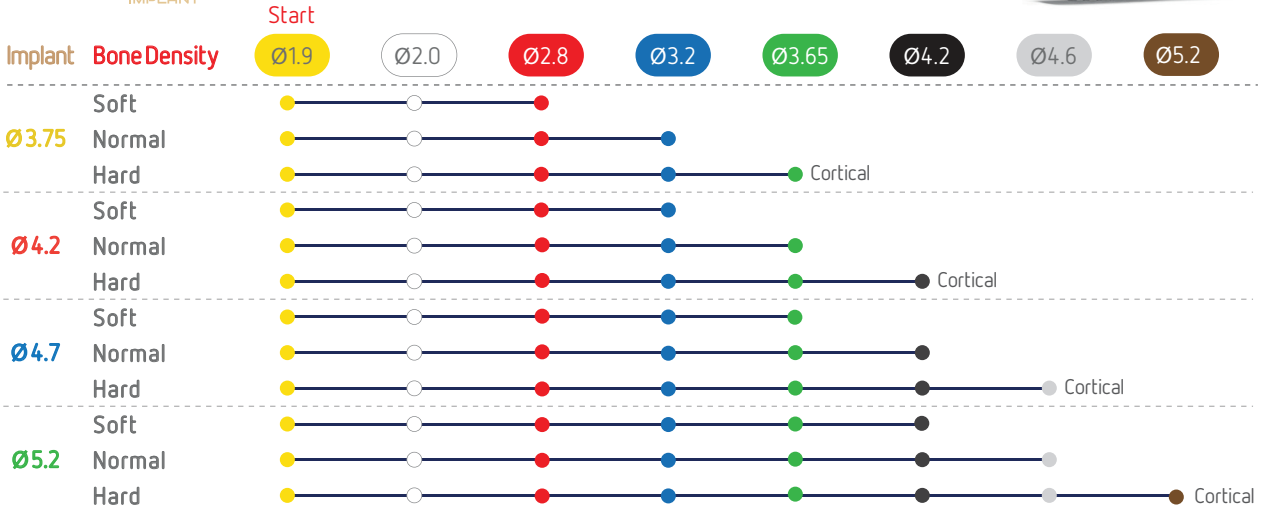


# Drilling Protocols

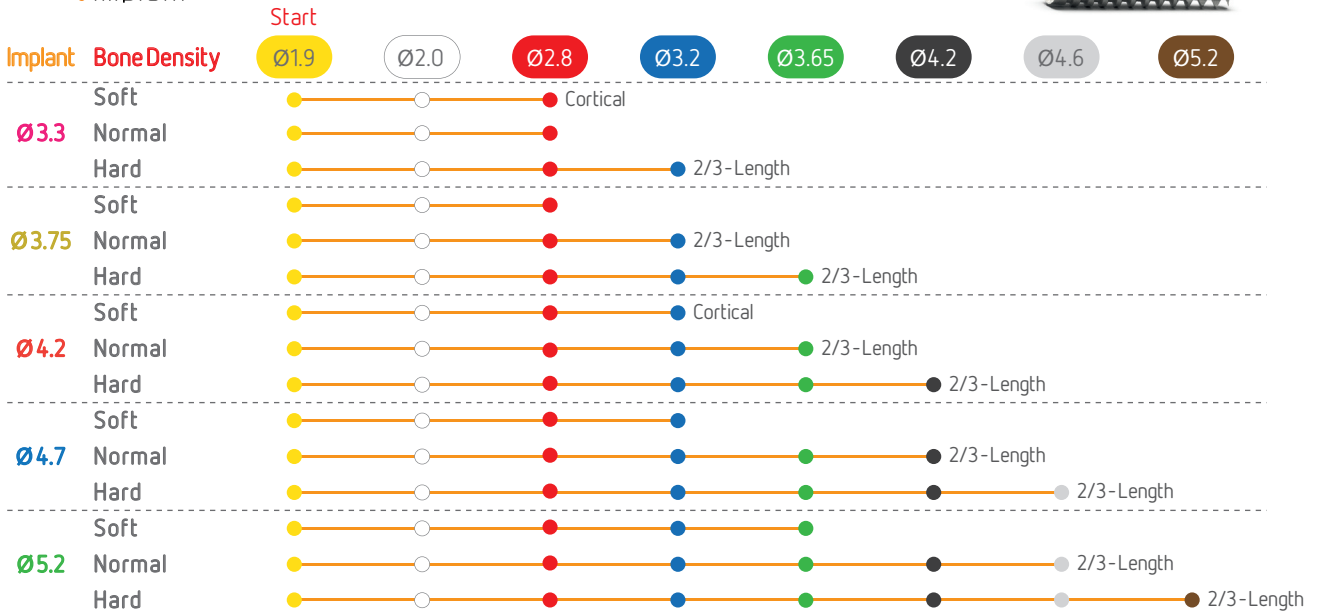


# Drilling Protocols

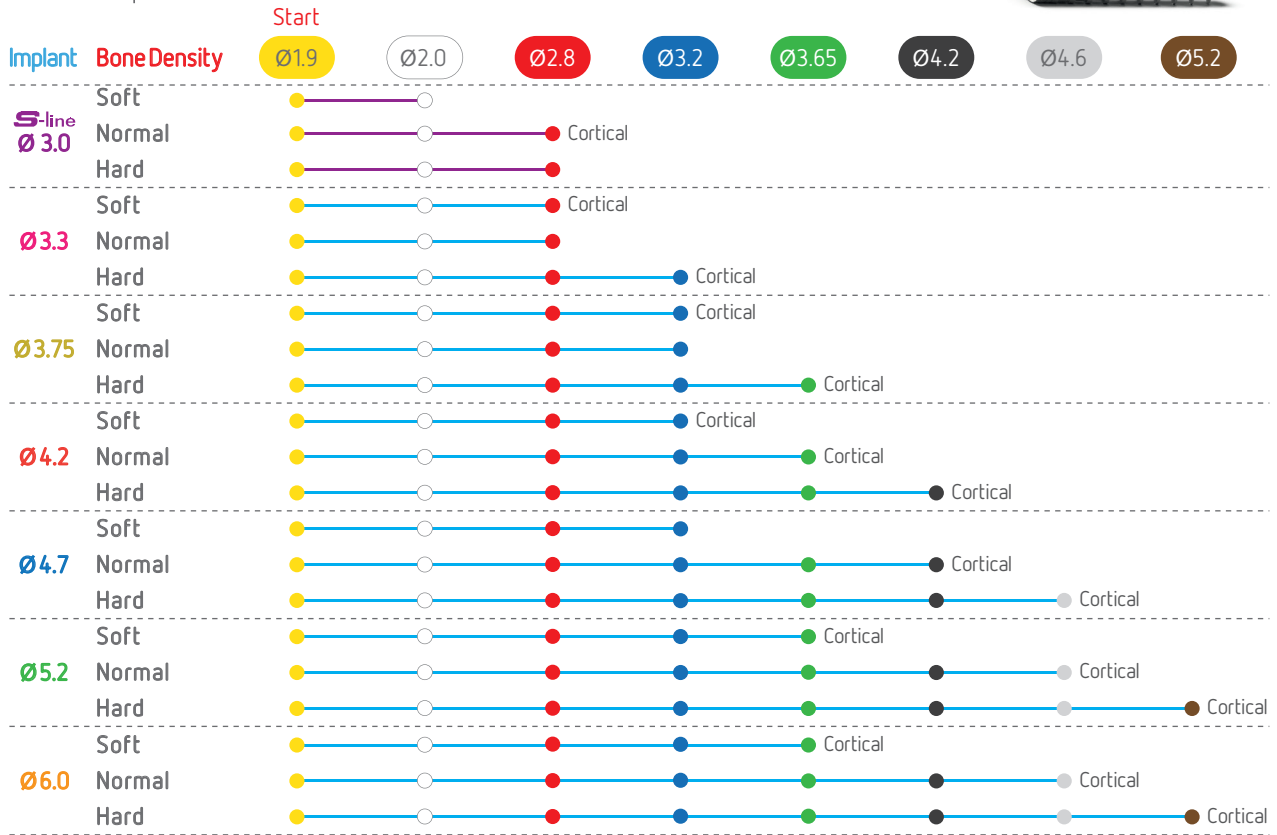
**TRIO**  
IMPLANT



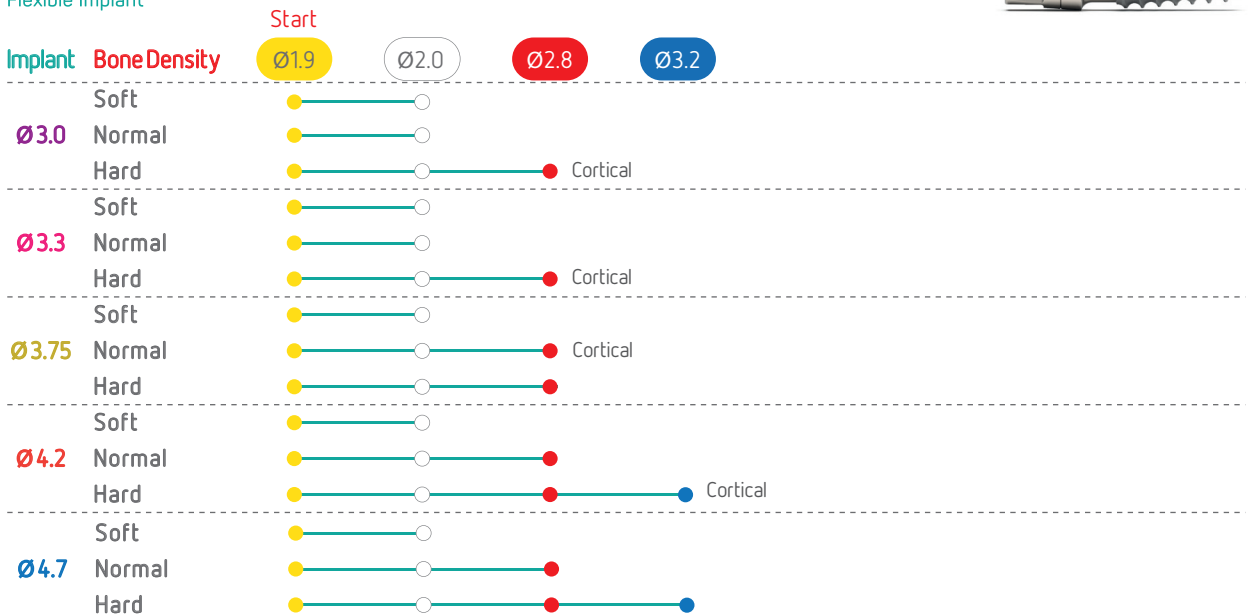
**MAX**  
implant



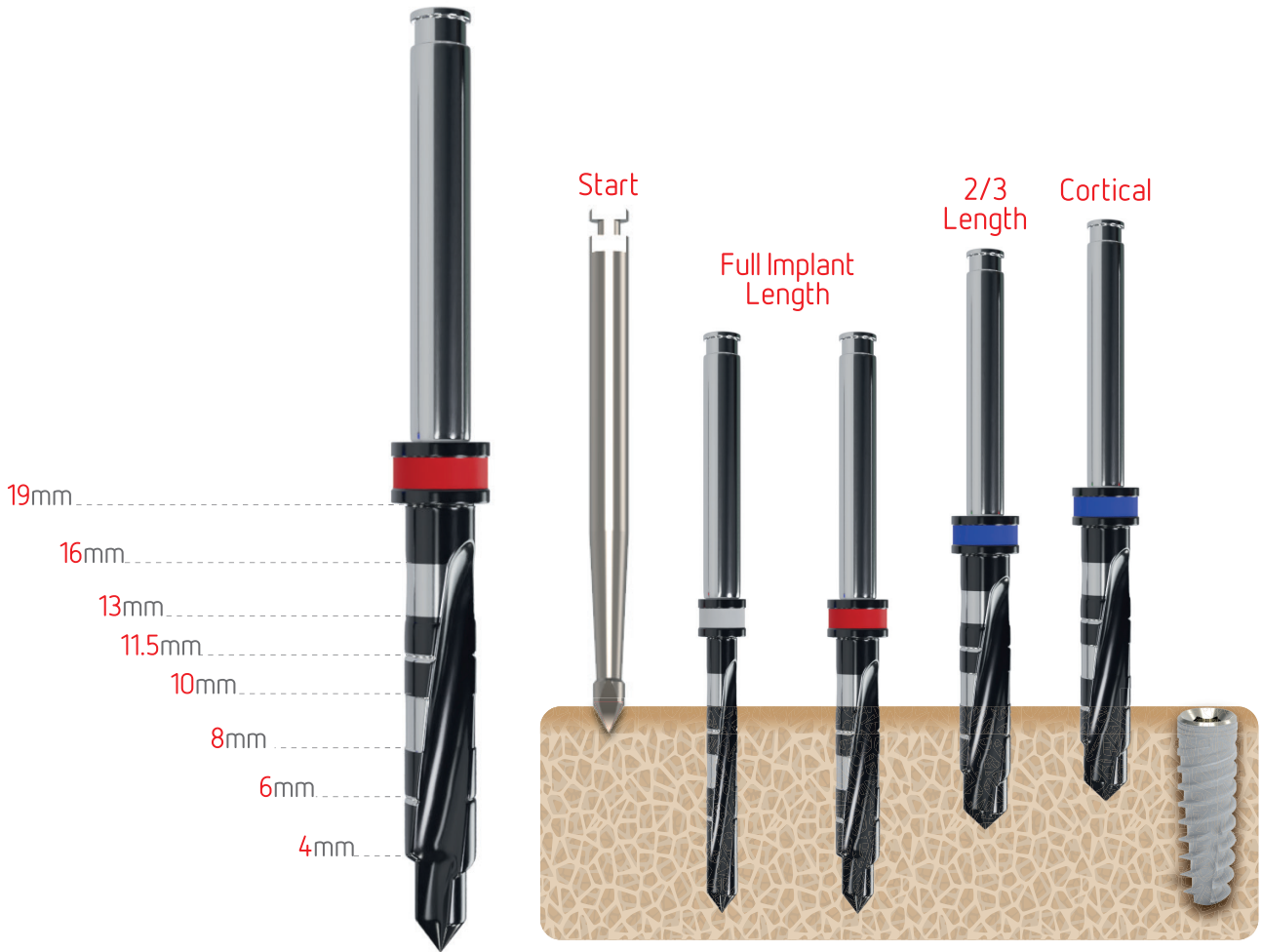
# Porous Implant



# Patro Flexible Implant



# Drilling chart reference



- Drilling speed (RPM): 800-1200
- The drilling sequence is demonstrated with a 13mm implant.
- Alfa Gate drilling protocol is recommended for most clinical cases however, it cannot replace the surgeon's judgment and professional experience.

## \* Suggested Workflow for Ti-base compatible Sirona:

1. Scan intra orally or on your model.
2. For scanning, use Alfa Gate's sirona compatible Ti-Base, use sirona's scan body size L, (sirona's Ref. 6431329 for omnicam or 6431303 for bluecam).
3. On your CAD software library choose: internal hex platform, choose: Zimmer Tapered Screw Vent 3.5mm platform.
4. Follow sirona's standard instructions for CAD design of your restoration.
5. Use standard L blocks or equivalent for milling your abutment.
6. Cement Ti-Base to the milled and sintered block using the manufacturer's cementation instructions.



# SCAN

for more instructional video's.