

 **ALPHA DENT**
IMPLANTS

HEXAGON CONNECTION

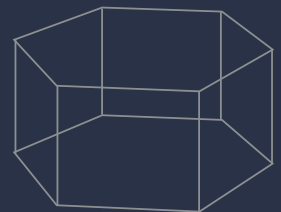


TABLE OF CONTENTS





DENTAL IMPLANTS

with hexagon external connection

Implant Active	6
Implant Classic	8



Implant Slim	12
---------------------	----



SUPRASTRUCTURES

with hexagon external connection

Healing Caps	18
Titanium Abutments	20
Temporary Abutments	25
Aesthetic Abutment (Straight multi-unit)	27
Suprastructures for Straight Multi-Unit	27
One-piece Angular Multi-Unit 17° / 30°	28
Suprastructures for Angular Multi-Unit	28
Transfer and Analog for Angular Multi-Unit	29
Titanium Platform CAD/CAM	30
Scan-Abutments for CAD/CAM	30
Plastic Abutments	31
Ball Attachments	32
Locators	34
Transfers and Analogs	38
Surgical Kit	42
Surgical Guide Kit	44

SPECIAL PROPOSAL FOR DOCTOR

Alpha BONE	50
Cement ALPHA-CEM	51
Alpha Dent PENGUIN	52

SPECIAL PROPOSAL FOR PATIENT

Alpha Dent HEALTH SUPPLEMENTS	53
Alpha Dent IMPLANT CARE FOAM	54

IMPLANTS
ACTIVE / CLASSIC

INTERNAL CONNECTION





IMPLANTS
ACTIVE / CLASSIC



> IA **ACTIVE**

Micro thread

- Micro rings for better contact with a cortical plate

Intermediate thread

- Bone thread on the corticospongoid level

3D Active surface

- Unique active and hydrophilic surface of a new generation



Antirotational sulcus



Set includes implant plug.



Internal hexagon

- The platform has an internal hexagon 2.4 mm
- One universal platform for all diameters

Implant body

- Expressed tapered shape of the implant
- The shape of the implant matches completely the drill
- Initial stability is guaranteed



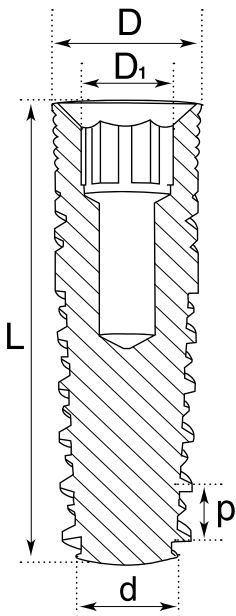
Active thread

- Has several levels that allows increasing the surface of the implant
- Allows achieving reliable initial stability in soft bone

Apical part

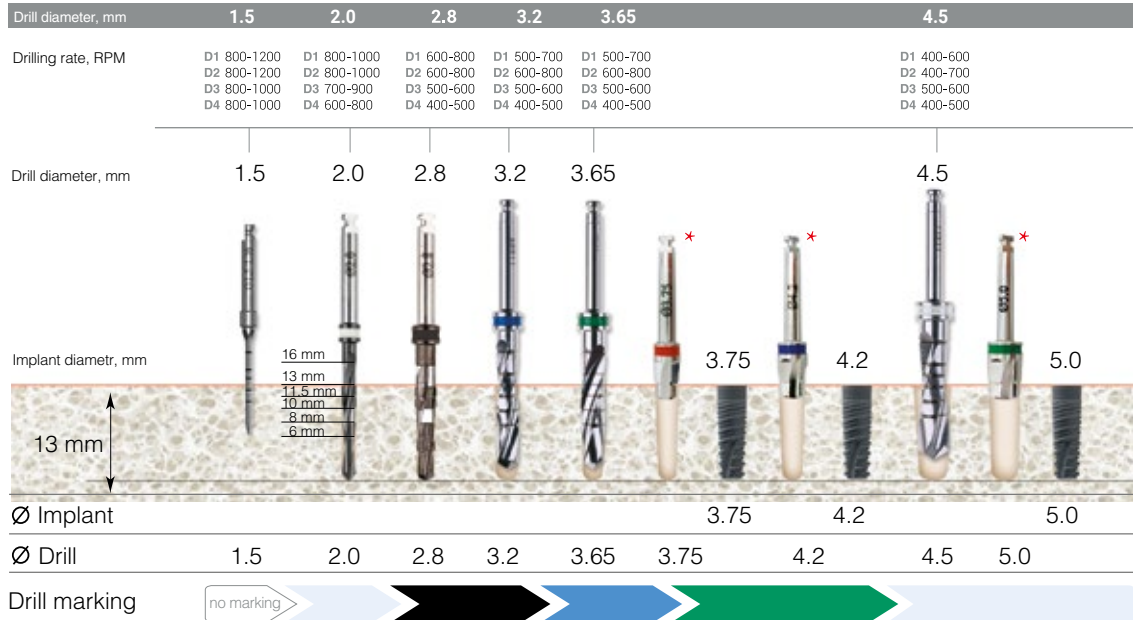
- Curving in apical part prevents the damage of Schneider's membrane in sinus lift

Active is an implant with an aggressive thread. It is used under one- or two-steps procedure in all bone types. The implant is spiral-shaped, conical with a deep triple thread for better retention. It prevents bone injuries and enlarges the area of direct contact of the implant surface with the bone that speeds up the process of osseointegration. Active is highly suitable for areas with soft bone tissue as its size and area allow achieving good initial stability in such areas. Implant body shape perfectly matches the shape of conical drills in order to prepare a bone cavity.



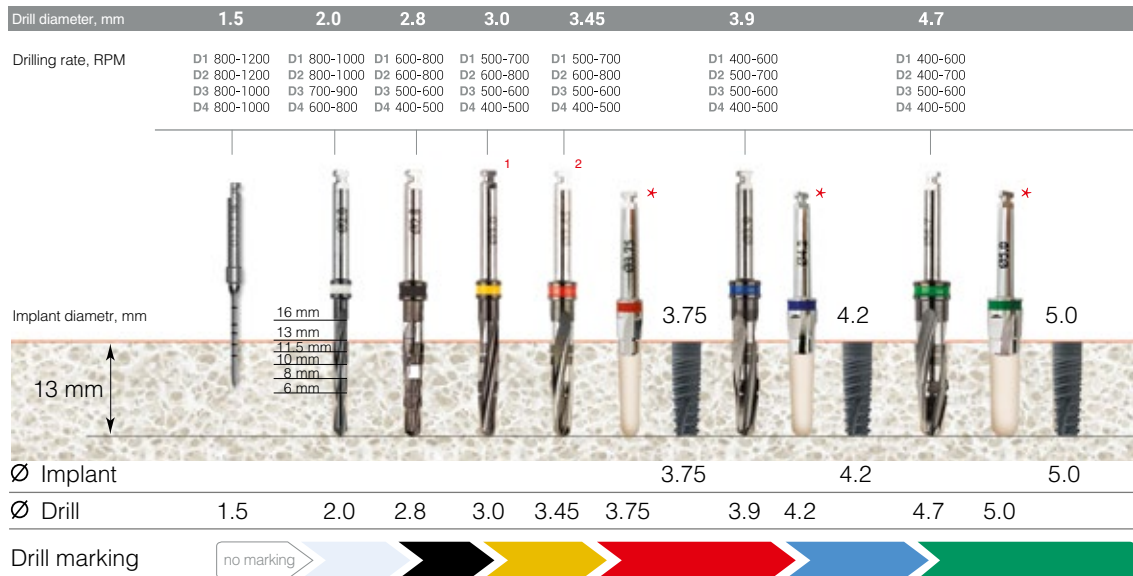
D, mm	D ₁ , mm	d, mm	L, mm				p, mm	
3.75	2.4	2.0	8	10	11.5	13	16	1.45
4.2	2.4	2.5	6	8	10	11.5	13	1.45
5.0	2.4	2.5	6	8	10	11.5	13	1.45

> **Table of sequential use of cylindrical diamond coated drills for implant Active**



* The drill should process 2/3 of the size of implant installed, using conical drills to form bone cavity during the installation of conical-shaped implants

> **Table of sequential use of conical diamond coated drills for implant Active**



Diamond coated drills in Alpha Dent Implants system are developed with the aim to form a bone cavity for implants **Active**, because a shape of drill perfectly recreates the shape of an implant without thread.

* Underreamer for I and II bone type

1 Final drill for work in III and IV bone type

2 Final drill for work in I and II bone type

> IC

CLASSIC

Micro thread

- Micro rings for better contact with a cortical plate

3D Active surface

- Unique active and hydrophilic surface of a new generation



Antirotational sulcus



Set includes
implant plug.

2.4 mm



Internal hexagon

- The platform has an internal hexagon 2.4 mm
- One universal platform for all diameters

Implant body

- Implant body of a cylindrical root-shape
- The implant is perfect for installation in I-II bone type with a bone tap



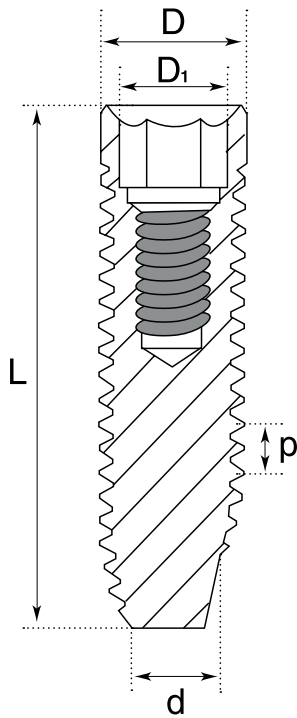
- Triangular thread

Apical part Round shape



*дополнительно вводится обновленная версия имплантата Classic. Упаковка будет отличаться дополнительным символом "К"

Due to a high technical level of production and the strictest control of sterility, Alpha Dent Implants meet the requirements of the highest quality standards.



Implant Classic has a micro thread in its upper part, which provides a better contact with a cortical layer. Implant body is a cylindrical root-shape. Due to the thread pitch of 0.6 mm, an implant is cylinder-shaped.

The surface implant Classic is created due to a 3D Active method, which is the latest generation of surface treatment technology for dental implants. This surface is active and hydrophilic; it has distinct multi-layered microporous structure. The thickness of the oxide layer of implant surface reaches 10-12 microns.

The implant is used mainly in I bone type, but it may be used as well in all bone types if individual surgical procedure is implemented

D, mm	D ₁ , mm	d, mm	L, mm			p, mm	
3.3*	2.0	2.0	10	11.5	13	0.6	
3.75	2.2	2.0	8	10	11.5	13	0.6
4.2	2.5	2.5	8	10	11.5	13	0.6
5.0	3.5	2.5	8	10	11.5	13	0.6

* Force on 3.3, not more than 40 NCm

> **Table of sequential use of cylindrical drills v**

Drill diameter, mm	1.5	2.0	2.8	3.2	3.65	4.5	
Drilling rate, RPM	D1 800-1200 D2 800-1200 D3 800-1000 D4 800-1000	D1 800-1000 D2 800-1000 D3 700-900 D4 600-800	D1 600-800 D2 600-800 D3 500-600 D4 400-500	D1 500-700 D2 600-800 D3 500-600 D4 400-500	D1 500-700 D2 600-800 D3 500-600 D4 400-500	D1 400-600 D2 500-700 D3 500-600 D4 400-500	
Implant diameter, mm				3.3	3.75	4.2	5.0
13 mm		16 mm 13 mm 11.5 mm 10 mm 8 mm 6 mm					
Classic							
Ø Implant				3.3	3.75	4.2	5.0
Ø Drill	1.5	2.0	2.8	3.2	3.65	4.5	

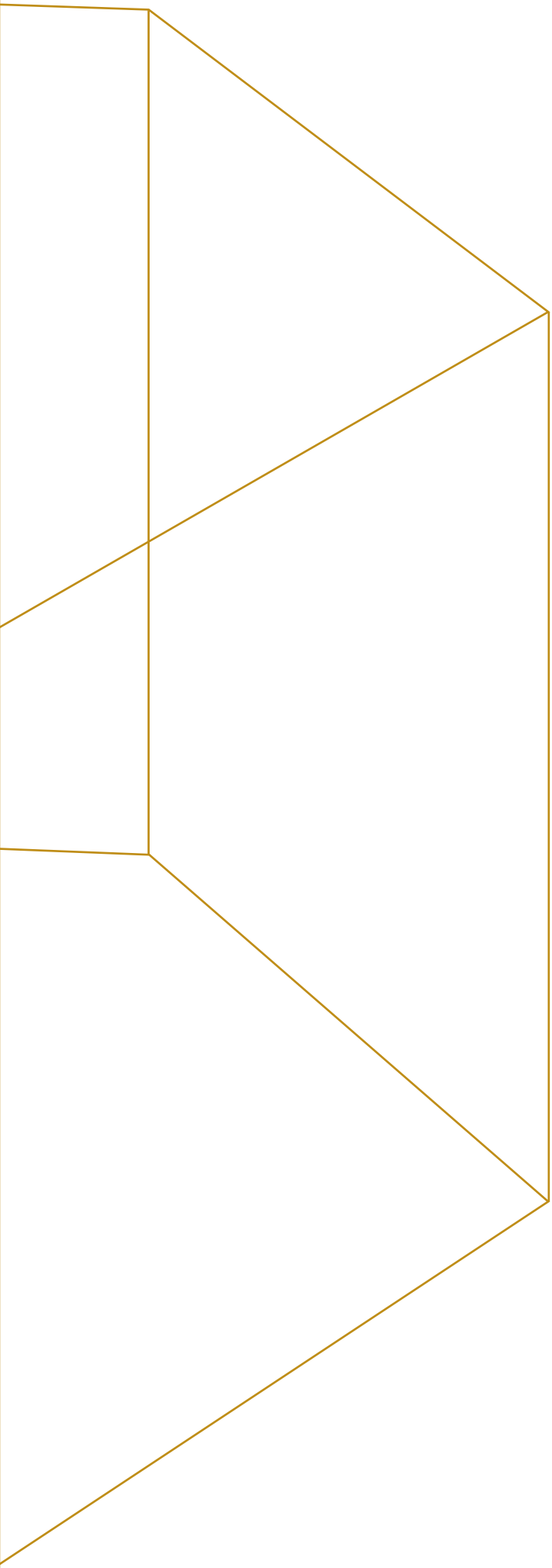
Drill marking



IMPLANT
SLIM

INTERNAL CONNECTION





IMPLANT
SLIM



> IS

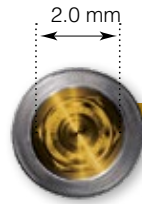
SLIM

Micro thread

- Micro rings for better contact with a cortical plate

3D Active surface

- Unique active and hydrophilic surface of a new generation



Internal hexagon

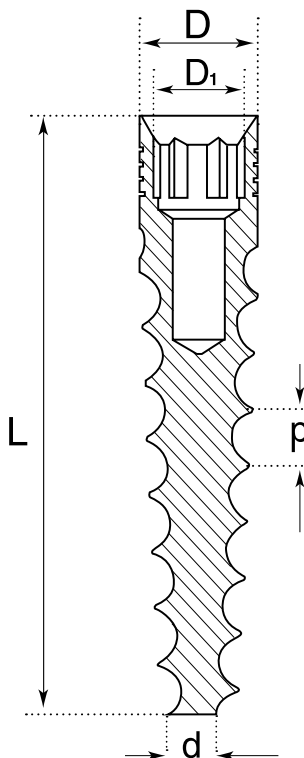
- The platform has an internal hexagon 2.0 mm

Active thread

- Allows achieving reliable initial stability in a soft bone



Set includes implant plug.

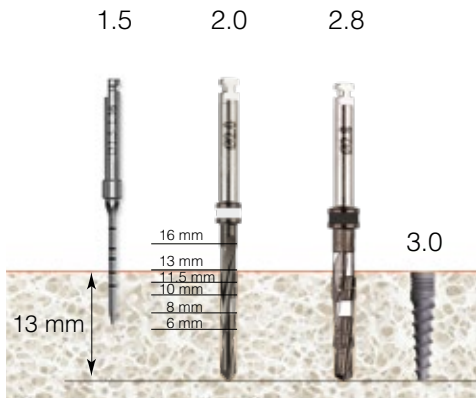


Thin tapered implant Slim is used for installation in an anterior area in cases of narrow crest or between closely adjacent teeth (implants), as well as between permanent implants for temporary restoration.

It may be used for immediate force.

D, mm	D ₁ , mm	d, mm	L, mm	p, mm
3.0	2.0	1.5	10 11.5 13 16	1.5

Table of sequential use of cylindrical drills for implant Slim



Slim				
Ø Implant	3.0			
Ø Drill	1.5	2.0	2.8	
Drill marking				

> HCS

HEALING CAP FOR IMPLANT SLIM

	Code	L, mm	D, mm	d, mm
	HCS2	2	2	4.2
	HCS3	3	2	4.2
	HCS4	4	2	4.2
	HCS5	5	2	4.2
	HCS7	7	2	4.2

> BAS

BALL ATTACHMENT FOR IMPLANT SLIM


	Code	L mm	D mm	d mm
	BAS1	1	2.5	3.6
	BAS2	2	2.5	3.6
	BAS3	3	2.5	3.6

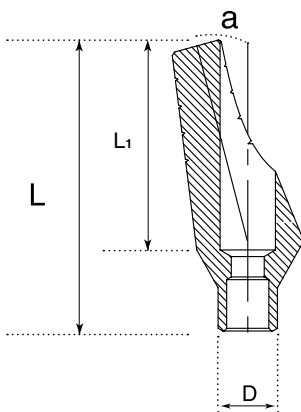
Ball attachment 1, 2, 3 mm. It is used to fixate overdenture structures.



> TAS

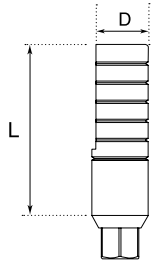
TITANIUM ABUTMENTS FOR IMPLANT SLIM







	Code	L mm	L ₁ mm	D mm	d mm	Includes
	TAS001	7.5	1	2.25	3.8	 Screw for the abutment
	TAS002	7.5	2	2.25	3.8	 Screw for the abutment
	TAS003	7.5	3	2.25	3.8	 Screw for the abutment

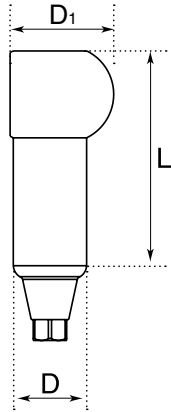




		L mm	L ₁ mm	D mm	a°	
	TAS015	10.77	7.5	2.25	15	 Screw for the abutment



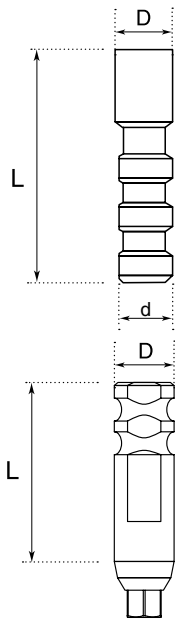
	Code	L mm	D mm	
	TAS9	9	2.8	 Screw for the abutment
	PAS	9	2.8	 Screw for the abutment


> AT7 SCAN-ABUTMENT FOR SLIM




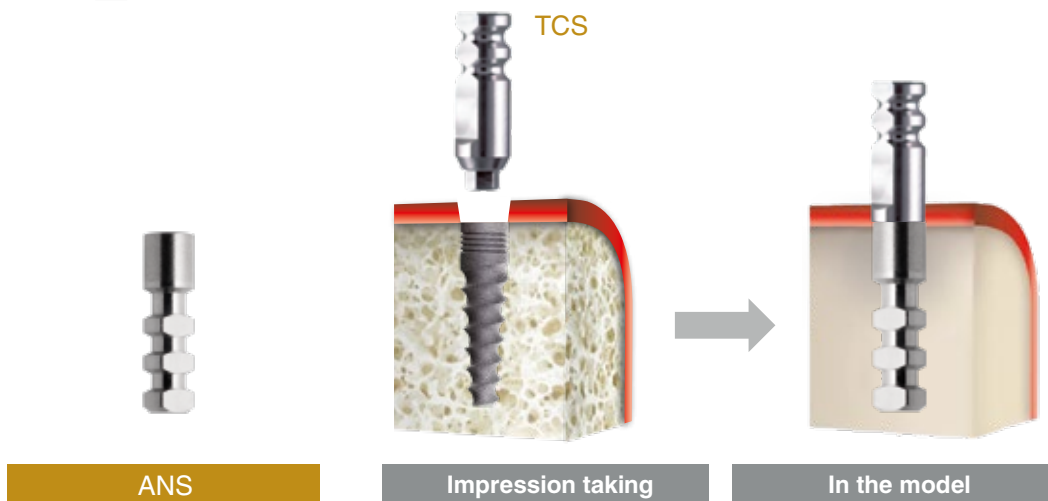
	Code	L, mm	D, mm	D ₁ , mm	Includes
	AT7	15	3.8	8	 Screw for the abutment

> ANS ANALOG AND TRANSFER FOR IMPLANT SLIM



	Code	L mm	D mm	d mm
	ANS	12	3	2.8

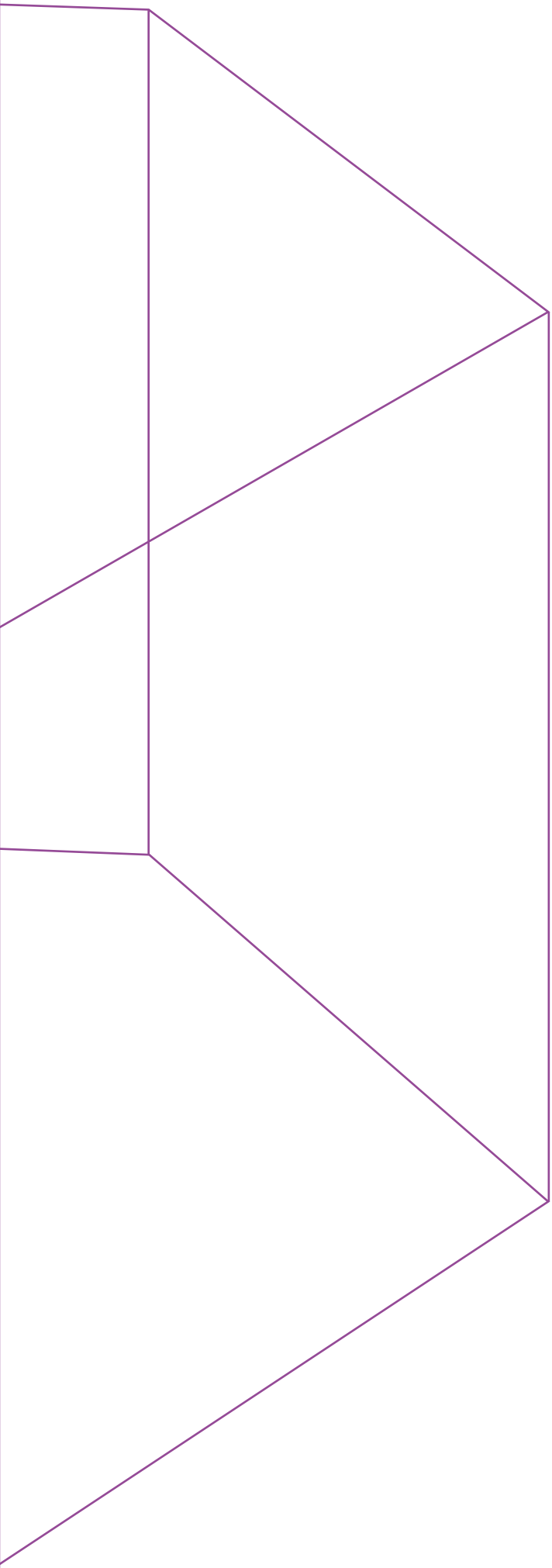
		L mm	D mm
	TCS	10.6	3.5



SUPRASTRUCTURE
ACTIVE / CLASSIC

INTERNAL CONNECTION



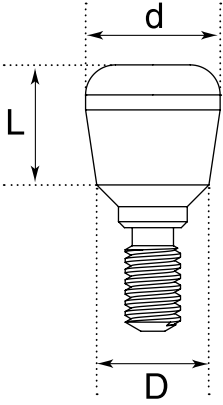







SUPRASTRUCTURE
ACTIVE / CLASSIC



> HC

STANDARD HEALING CAP

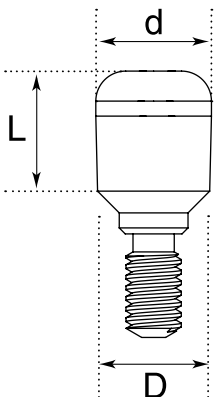





	Code	L, mm	D, mm	d, mm
	HC2	2	3.75	4.5
	HC3	3	3.75	4.5
	HC4	4	3.75	4.5
	HC5	5	3.75	4.5
	HC7	7	3.75	4.5

Standard healing cap is installed on the implant in order to form gingival line and gingival papilla. It is available in following sizes: 2, 3, 4, 5, 7 mm. The size is defined with a special instrument according to the height of gingiva.

> HCN

NARROW HEALING CAP

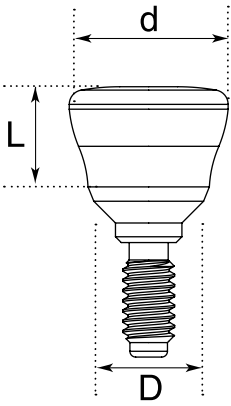







	Code	L, mm	D, mm	d, mm
	HCN3	3	3.8	3.8
	HCN5	5	3.8	3.8
	HCN7	7	3.8	3.8

Narrow healing cap is installed on the implant in order to form gingival line and gingival papilla. It is used mostly in front parts of upper and lower dental arch. It is available in following sizes: 3, 5, 7 mm.

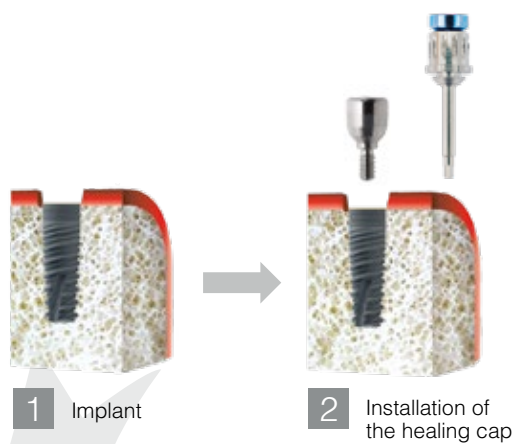
> HCW

WIDE HEALING CAP



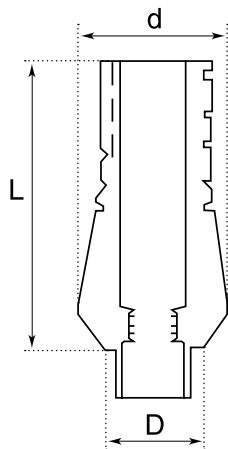
	Code	L, mm	D, mm	d, mm
	HCW2	2	3.8	5.5
	HCW3	3	3.8	5.5
	HCW4	4	3.8	5.5
	HCW5	5	3.8	5.5
	HCW6	6	3.8	5.5







Wide healing cap is installed on the implant and is intended to form gingival line and gingival papilla. Mainly used in the area of posterior teeth.



> TA

ANTIROTATIONAL STRAIGHT TITANIUM ABUTMENT, STANDARD



	Code	L, mm	D, mm	d, mm	Includes
	TA7	7	3.75	4.5	 Screw for the abutment
	TA9	9	3.75	4.5	 Screw for the abutment
	TA12	12	3.75	4.5	 Screw for the abutment



Straight antirotational titanium abutment with a hexagon.

Abutment includes a screw. There is a screw thread inside the abutment. Available in 3 sizes: 7 mm, 9 mm, and 12 mm.

> TAW

ANTIROTATIONAL STRAIGHT TITANIUM ABUTMENT, WIDE



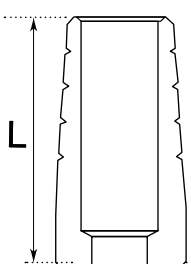
	Code	L, mm	D, mm	d, mm	Includes
	TAW9	9	3.75	5.5	 Screw for the abutment
	TAW12	12	3.75	5.5	 Screw for the abutment

Wide antirotational titanium abutment with a hexagon.

Two height sizes: 9 and 12 mm. Mainly used in the area of posterior teeth.

> TAN

ANTIROTATIONAL STRAIGHT TITANIUM ABUTMENT, NARROW

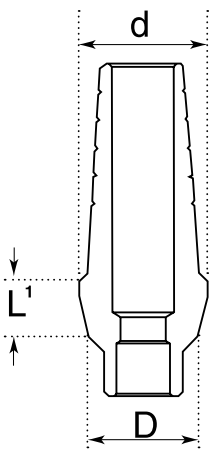














	Code	L, mm	D, mm	d, mm	Includes
	TAN7	7	3.8	3.8	 Screw for the abutment
	TAN9	9	3.8	3.8	 Screw for the abutment

Narrow antirotational titanium abutment with a hexagon. It is installed in areas with limited space between two teeth (implants) in a front part. Two height sizes: 7 and 9 mm.

> TA00.
TA00.W

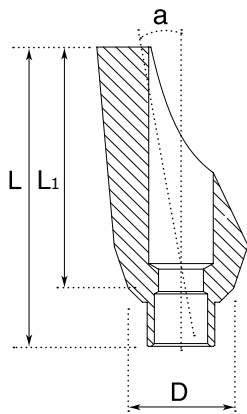
ANATOMICAL TITANIUM SHOULDER ABUTMENT, STRAIGHT


	Standard titanium anatomical abutment with a shoulder				Wide titanium anatomical abutment with a shoulder				
	Code	L ₁ , mm	D, mm	d, mm	Code	d, mm	Includes		
		TA001	1	3.75	4.5		TA001 W	5.5	 Screw for the abutment
		TA002	2	3.75	4.5		TA002 W	5.5	 Screw for the abutment
		TA003	3	3.75	4.5		TA003 W	5.5	 Screw for the abutment
		TA004	4	3.75	4.5		TA004 W	5.5	 Screw for the abutment

Anatomical titanium abutment with a shoulder. Available in four shoulder sizes: 1, 2, 3 and 4 mm and two abutment diameters: 4.5 and 5.5 mm.

> TAA015

ANGULAR ANTIROTATIONAL TITANIUM ABUTMENT 15°

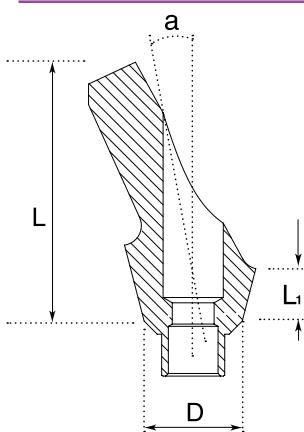





Code	L, mm	L1, mm	D, mm	a°	Includes
TAA015	10.85	8.75	3.75	15	 Screw for the abutment

Angular antirotational titanium abutment 15° without a shoulder.
It is used in cases, when the implant is installed at the angle. This type of the abutment allows creating the aesthetically correct construction with less effort for technician and orthopedist. Set includes a screw.

> TAA0150.

ANATOMICAL ANGULAR TITANIUM ABUTMENT 15°

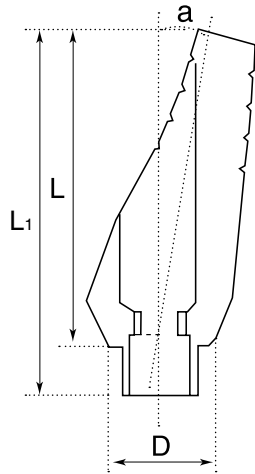



Code	L, mm	L1, mm	D, mm	a°	Includes
TAA01501	9	1	3.75	15	 Screw for the abutment
TAA01502	10	2	3.75	15	 Screw for the abutment
TAA01503	11	3	3.75	15	 Screw for the abutment

Anatomical angular titanium abutment 15° with a shoulder 1-3 mm.
It is used for aesthetic tasks solving in vestibular area, and it replicates the shape of gingival line.

> TAL015

LONG ANGULATED TITANIUM ABUTMENT 15°



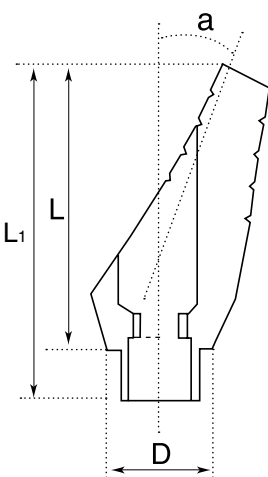
Code	L, mm	L1, mm	D, mm	a°	Includes
TAL015	11	12.9	3.50	15	 Screw for the abutment


Long angulated titanium abutment 15°.

It is used in cases, when the implant is installed at the angle. This type of the abutment allows creating the aesthetically correct construction with less effort for technician and orthopedist. Set includes an angular abutment and a screw.

> TAA025

ANGULAR ANTIROTATIONAL TITANIUM ABUTMENT 25°







Code	L, mm	L1, mm	D, mm	a°	Includes
TAA025	9	11	3.75	25	 Screw for the abutment

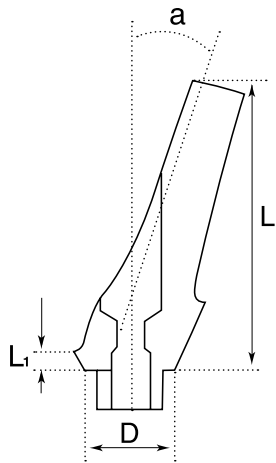
Angular antirotational titanium abutment 25° without a shoulder.

It is used in cases, when the implant is installed at the angle. This type of the abutment allows creating the aesthetically correct construction with less effort for technician and orthopedist. Set includes an angular abutment and a screw.

> TAA025

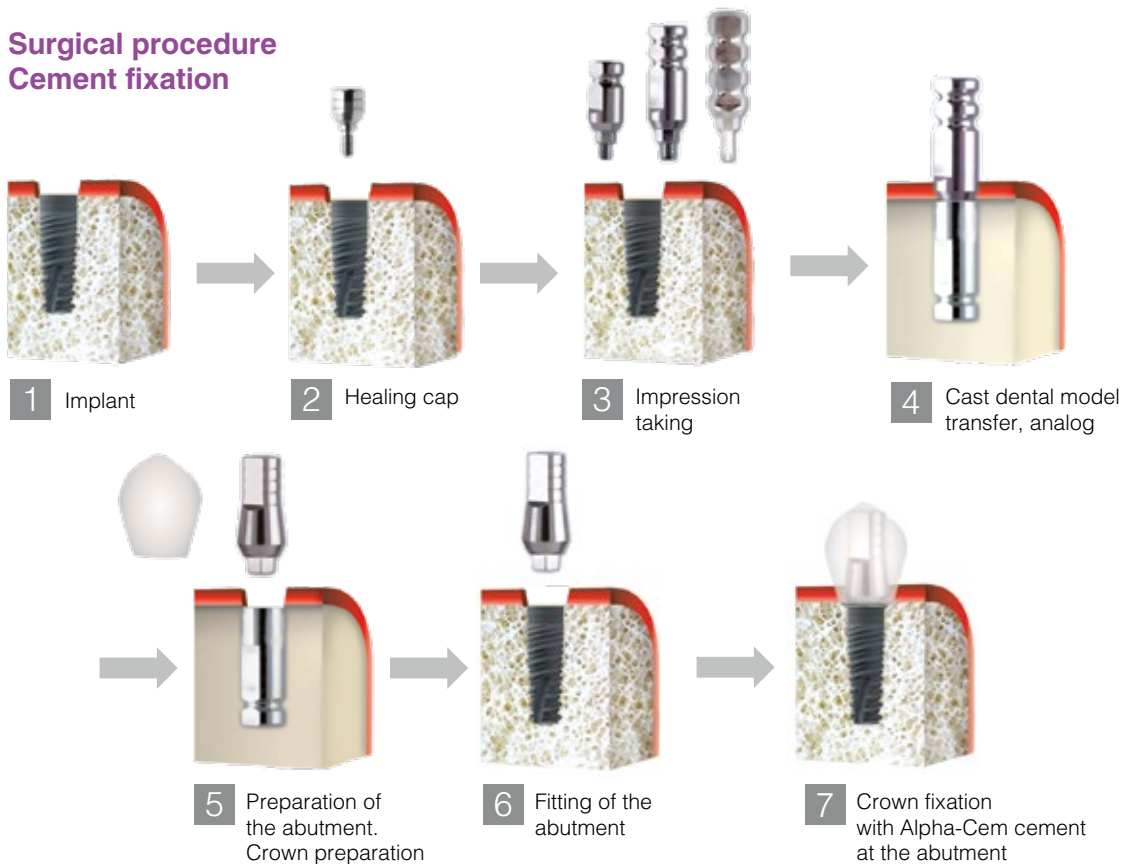
ANGULAR ANATOMICAL TITANIUM ABUTMENT 25°, WITH A SHOULDER 1-2 mm

	Code	L, mm	L ₁ , mm	D, mm	a°	Includes
	TAA02501	9	1	3.75	25	 Screw for the abutment
	TAA02502	10	2	3.75	25	 Screw for the abutment



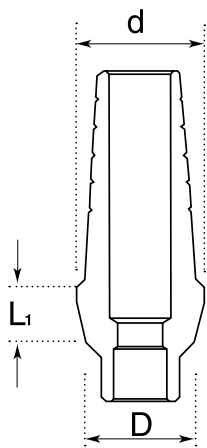
Angular anatomical titanium abutment 25° with shoulder 1-2 mm. It is used for solving aesthetic tasks in vestibular area, and replicates the shape of gingival line.







Surgical procedure Cement fixation



> TTA
TTAW

TEMPORARY ABUTMENT PEEK

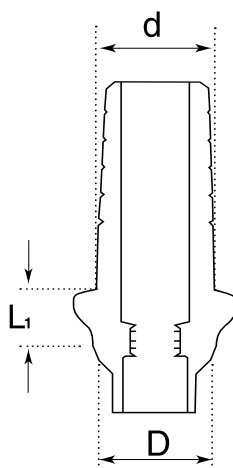








	Code	L ₁ , mm	D, mm	d, mm	Includes
	TTA1	1	3.75	4.5	 Screw for the abutment
	TTA2	2	3.75	4.5	 Screw for the abutment
	TTA3	3	3.75	4.5	 Screw for the abutment

Temporary straight abutment made of PEEK

The abutment is made of biocompatible thermoplastic of a high quality. It is designed for production of medical instruments. PEEK is a perfect material used in medicine, particularly in dentistry.

Temporary abutment PEEK, wide



	Code	L ₁ , mm	D, mm	d, mm	Includes
	TTA1 W	1	3.75	5.5	 Screw for the abutment
	TTA2 W	2	3.75	5.5	 Screw for the abutment
	TTA3 W	3	3.75	5.5	 Screw for the abutment

Additional advantages of PEEK:

- One of the most chemically resistant polymers
- It perfectly combines solidity, resistance and resilience
- Biocompatible with a human body
- Aesthetic
- Convenient for processing in the oral cavity of the patient
- Low conductivity

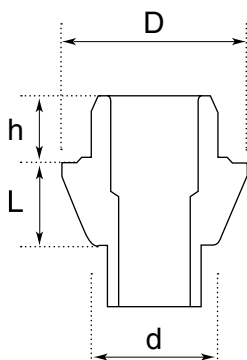
MULTI-UNIT







INTERNAL CONNECTION



> AEA

AESTHETIC ANTIROTATIONAL ABUTMENT (STRAIGHT MULTI-UNIT)



	Code	L, mm	D, mm	d, mm	h, mm	Includes
	AEA001	1	4.7	3.75	2.25	 Screw for the abutment
	AEA002	2	4.7	3.75	2.25	 Screw for the abutment
	AEA003	3	4.7	3.75	2.25	 Screw for the abutment

Aesthetic antirotational abutment (straight multi-unit) is used in order to restore a single structure or a bridge with a screw retention.



Titanium sleeve

TSAA

> HCAE

HEALING CAP FOR AESTHETIC ABUTMENT (STRAIGHT MULTI-UNIT)



Titanium healing cap for aesthetic abutment (straight multi-unit) is intended to form gingival line and gingival papilla.

HCAE

> MUB17
MUB30

ONE-PIECE ANGULAR MULTI-UNIT 17°/30°

	17°	Code	L, mm	d, mm	a°	Includes
		MUB17 01	1	5.0	17	Screw for the abutment
		MUB17 02	2	5.0	17	Screw for the abutment
		MUB17 03	3	5.0	17	Screw for the abutment
	30°	Code	L, mm	d, mm	a°	Includes
		MUB30 01	1	5.0	30	Screw for the abutment
		MUB30 02	2	5.0	30	Screw for the abutment
		MUB30 03	3	5.0	30	Screw for the abutment

Multi-unit system is used for overdenture and cement structures with a screw retention. **One-piece angular multi-unit** enables rehabilitation on non-parallel implants by correcting the angle. Angular multi-unit is available in options 17° and 30°.

- > PMM
- PEMM
- TSAAM
- CCM Base
- HCAEM
- HCAEM-W

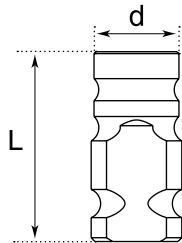
SLEEVES FOR ANGULAR MULTI-UNIT 17°/30°


<p>Plastic sleeve</p> <p>PMM</p>	<p>Temporary PEEK sleeve</p> <p>PEMM</p>	<p>Titanium sleeve</p> <p>TSAAM</p>	<p>Cobalt-chromium basis</p> <p>CCM Base</p>
--	--	---	--

HEALING CAP

<p>Titanium healing cap</p> <p>or multi-unit is intended to form gingival line and gingival papilla</p> <p>HCAEM</p>	<p>Titanium healing cap wide</p> <p>or multi-unit is intended to form gingival line and gingival papilla</p> <p>HCAEM-W</p>
--	---

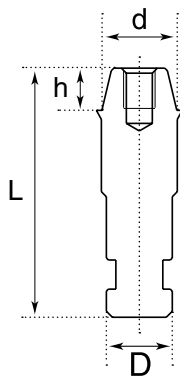
> TCAEM TRANSFER FOR ANGULAR MULTI-UNIT 17°/30°




	Code	L, mm	d, mm
	TCAEM	10	4.5

Open tray transfer for multi-unit with a size of 10 mm. It is used in open tray impression coping.

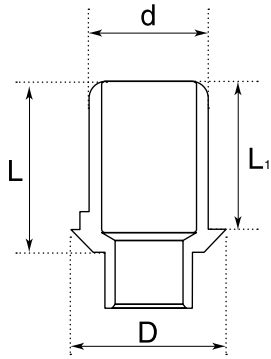
> ANAEM ANALOG OF ANGULAR MULTI-UNIT 17°/30°





	Code	L, mm	D, mm	d, mm	h, mm
	ANAEM	12.4	3.3	3.75	2.10

It is used as an **implant analog with multi-unit** in the dental laboratory. It allows preparing laboratory models.

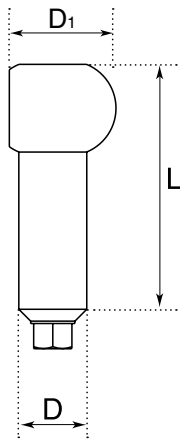
> TPC **TITANIUM PLATFORM CAD/CAM**





	Code	L, mm	L1, mm	d, mm	D, mm	Includes
	TPC	4.7	4.1	3.3	4.3	 Screw for the abutment

Platform for CAD/CAM for producing individual structures by using digital technologies. Unique occasion to choose a platform of different height depending on individual type of mucosa.

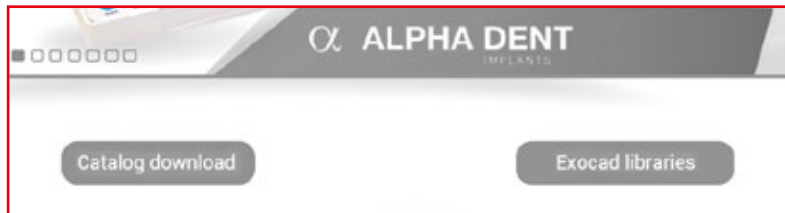
> AT9 **SCAN-ABUTMENT FOR CAD/CAM**



	Code	L, mm	D, mm	D1, mm	Includes
	AT9	15.65	4.3	8	 Screw for the abutment

Abutment for scanning

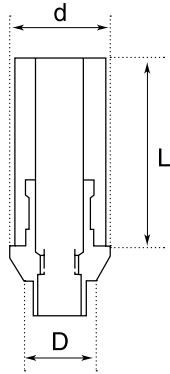
www.alpha-dent.net





Here you can download
Exocad libraries



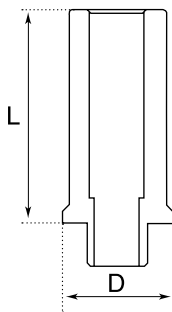
> PTA PLASTIC BURNOUT ABUTMENT ON A TITANIUM BASE





	Code	L, mm	D, mm	d, mm	Includes
	PTA	9	3.75	4.5	 Screw for the abutment

Plastic burnout abutment on a titanium base is used in case of single implants.

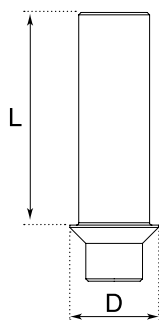
> PA PLASTIC BURNOUT ABUTMENT WITH A HEXAGON





	Code	L, mm	D, mm	Includes
	PA	9	3.75	 Screw for the abutment

Plastic burnout abutment is used to produce single dental structures.

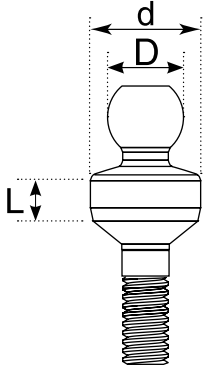
> PAM PLASTIC BURNOUT ABUTMENT WITHOUT A HEXAGON









	Code	L, mm	D, mm	Includes
	PAM	9	3.75	 Screw for the abutment

Plastic burnout abutment is used to produce individual orthopedic structures. Without a hexagon, the technician is able to choose any of 360 variants of future crown position.

> BA BALL ATTACHMENT



	Code	L, mm	D, mm	d, mm
	BA1	1	2.5	4.0
	BA2	2	2.5	4.0
	BA3	3	2.5	4.0
	BA4	4	2.5	4.0
	BA5	5	2.5	4.0
	BA6	6	2.5	4.0

Ball suprastructure with a size of 1, 2, 3, 4, 5, and 6 mm is used for fixation of prosthesis.

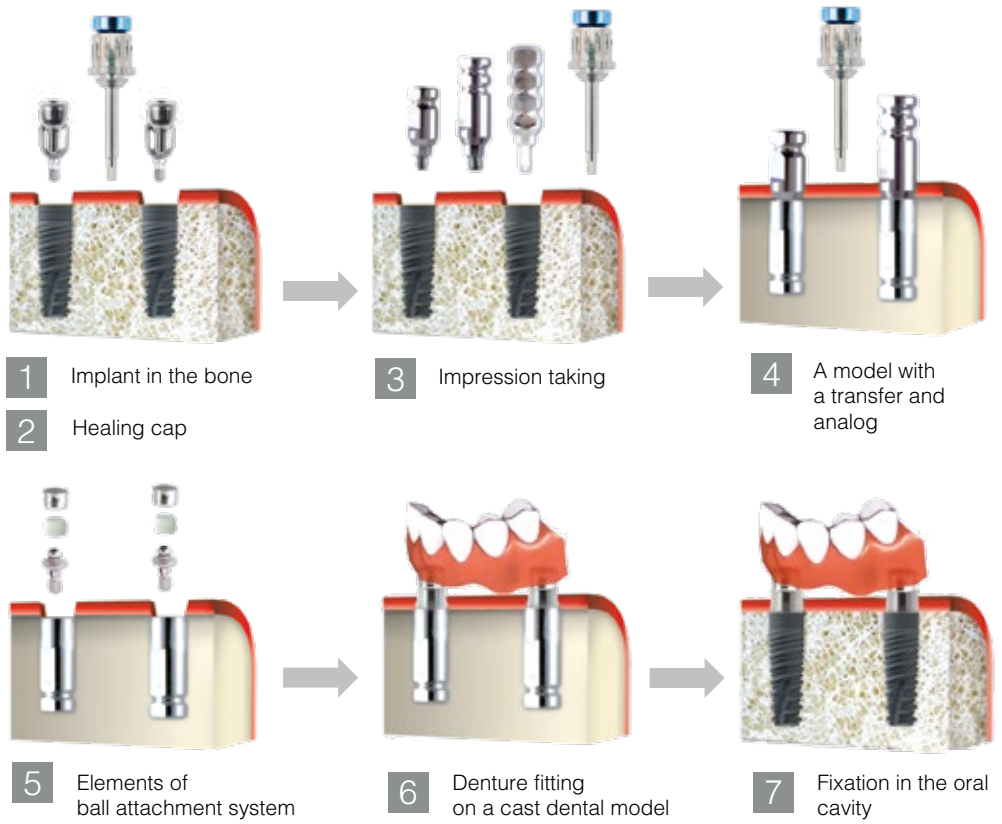
A cap made of **stainless steel** can be included, as well as an intermediate silicone cap of three different degree of hardness: **SCS** — soft, **SCN** — standard, **SCT** — strong.

Ball suprastructure set does not include caps. It can be purchased separately.

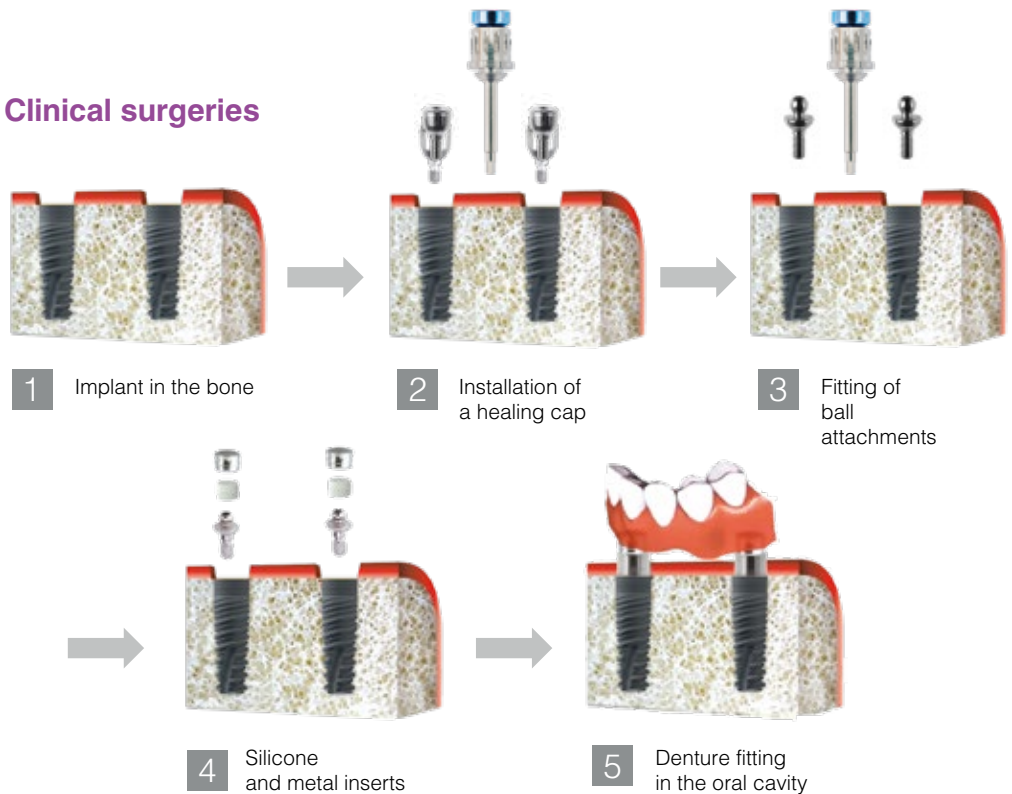


Removable dental rehabilitation on implants

Clinical and laboratory surgery

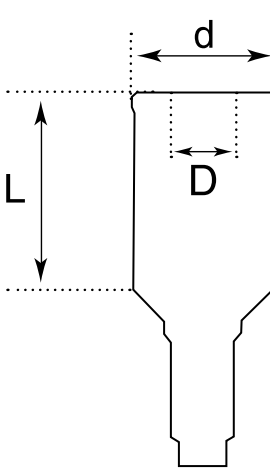








Clinical surgeries



> LC

LOCATOR

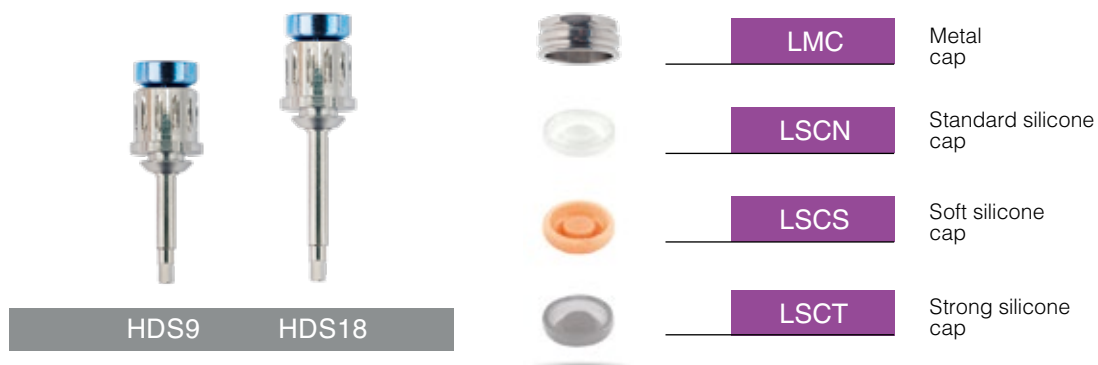


	Code	L, mm	D, mm	d, mm
	LC 1	1	1.25	3.9
	LC 2	2	1.25	3.9
	LC 3	3	1.25	3.9
	LC 4	4	1.25	3.9
	LC 5	5	1.25	3.9
	LC 6	6	1.25	3.9

Locator is used for removable denture retention. Due to a wide range of sizes and stiffness of the caps, the structure allows solving many different clinical cases.

A cap made of **stainless steel** can be included, as well as an intermediate silicone caps of three different degree of hardness: **LSCS** — soft, **LSCN** — standard, **LSCT** — strong.

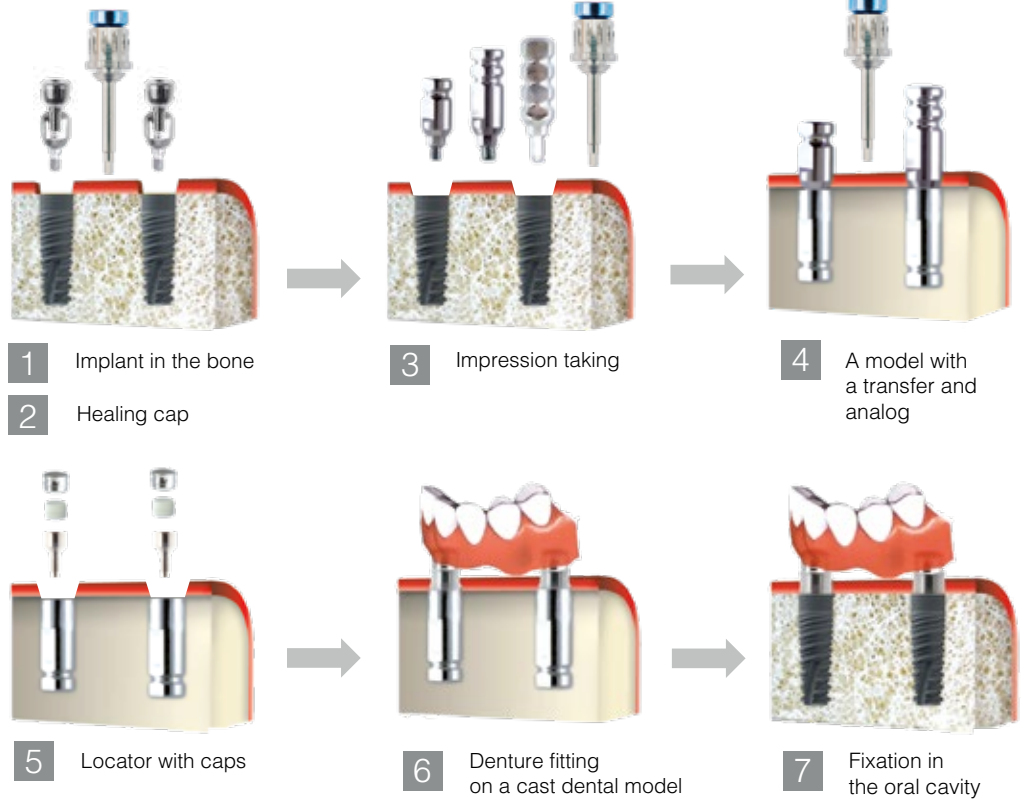
Locator set does not include caps. It can be purchased separately.



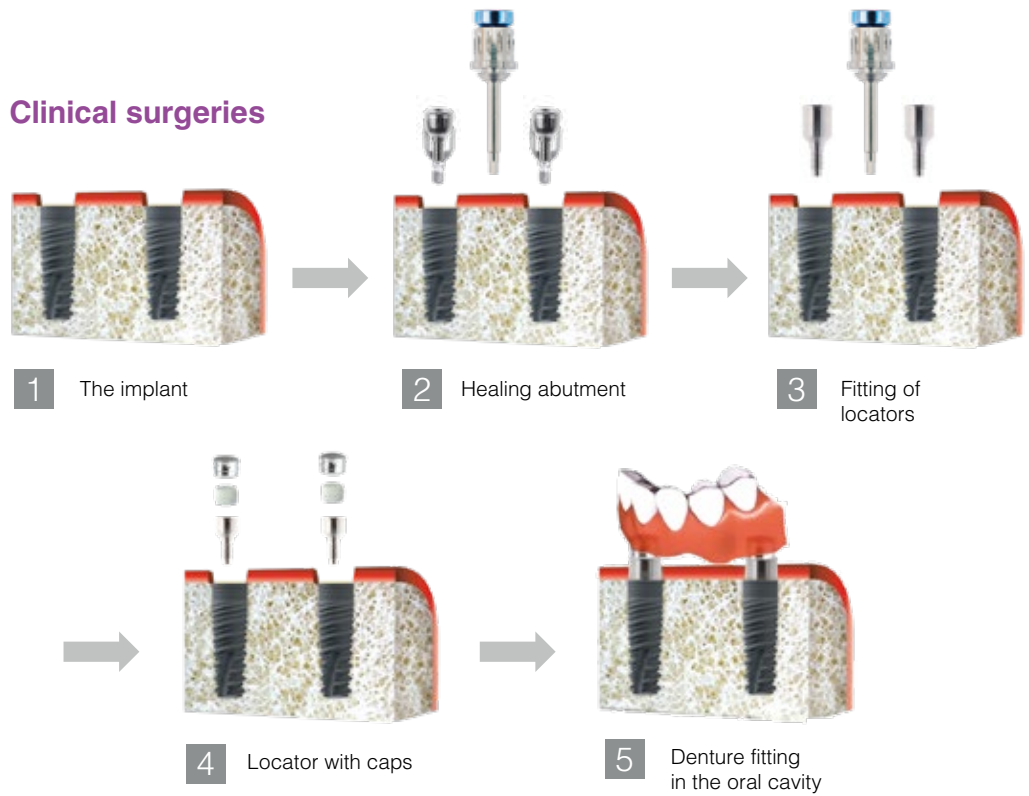
Drivers for fixing any system screws

Removable dental rehabilitation on implants

Clinical and laboratory surgery



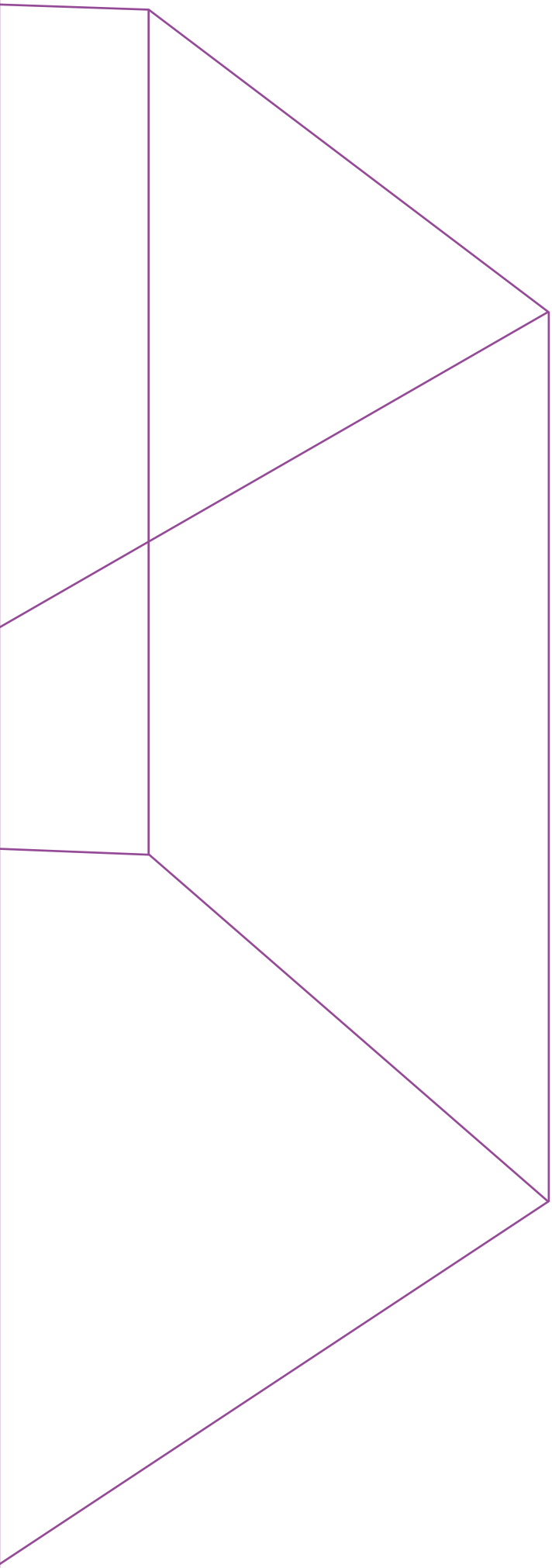
Clinical surgeries



TRANSFERS AND ANALOGS

INTERNAL CONNECTION



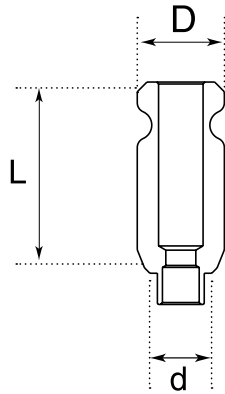




TRANSFERS
AND ANALOGS



> TC9

CLOSED TRAY TRANSFER

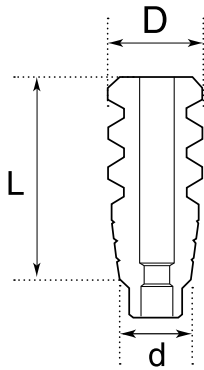




	Code	L, mm	D, mm	d, mm	Includes
	TC9	9	3.75	4.5	 Retaining

The length of **closed tray transfer** is 9 mm. It is used in closed tray impression coping.

> TC15

OPEN TRAY TRANSFER

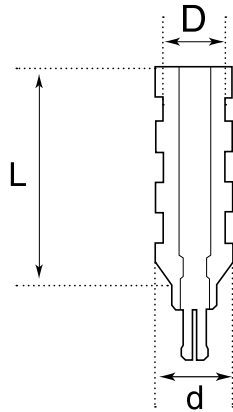


	Code	L, mm	D, mm	d, mm	Includes
	TC15	10	5.0	3.8	 Retaining

Open tray transfer size is 15 mm. It is used in open tray impression coping.

> TCC9

TRANSFER WITH A CLIP FIXATION



Code	L, mm	D, mm	d, mm
TCC9	9	3.75	4.75

Transfer with a clip fixation of a size 9 for impression taking without a retaining screw. It is used in closed tray impression coping with a high accuracy. It remains in the impression during the entire process, so installation and removal of the transfer is not necessary. It is used for work with single implants, parallel implants, as well as while working with posterior teeth area that lacks occlusal vertical dimension.

> TCN15

NARROW TRANSFER

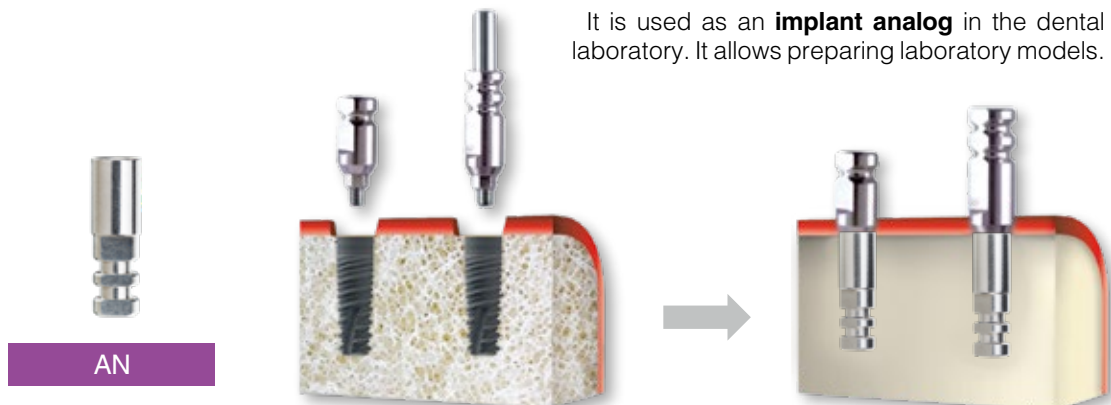
Code	L, mm	D, mm	d, mm	Includes
TCN15	15	3.75	3.8	Retaining

Narrow transfer for an open tray in a size of 15 mm. It is used in open tray impression coping in cases, when neighboring teeth are placed close to each other.

> AN

IMPLANT ANALOG

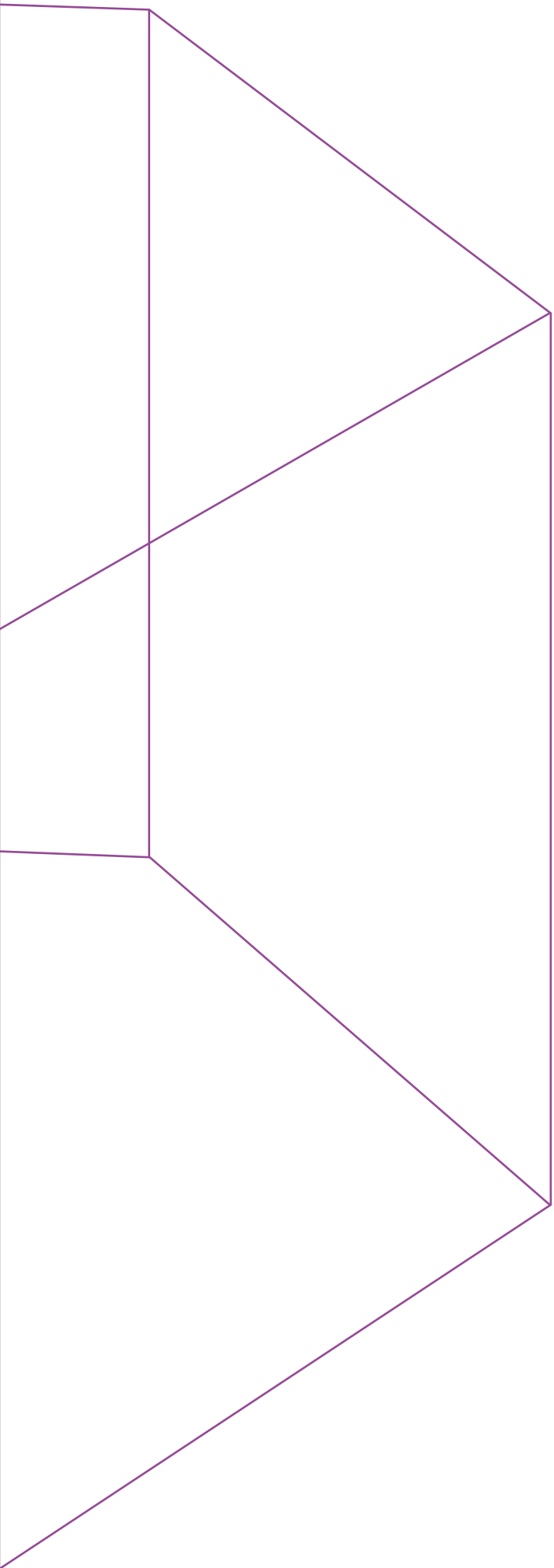
It is used as an **implant analog** in the dental laboratory. It allows preparing laboratory models.



SURGICAL KIT, SURGICAL GUIDE KIT

INTERNAL CONNECTION



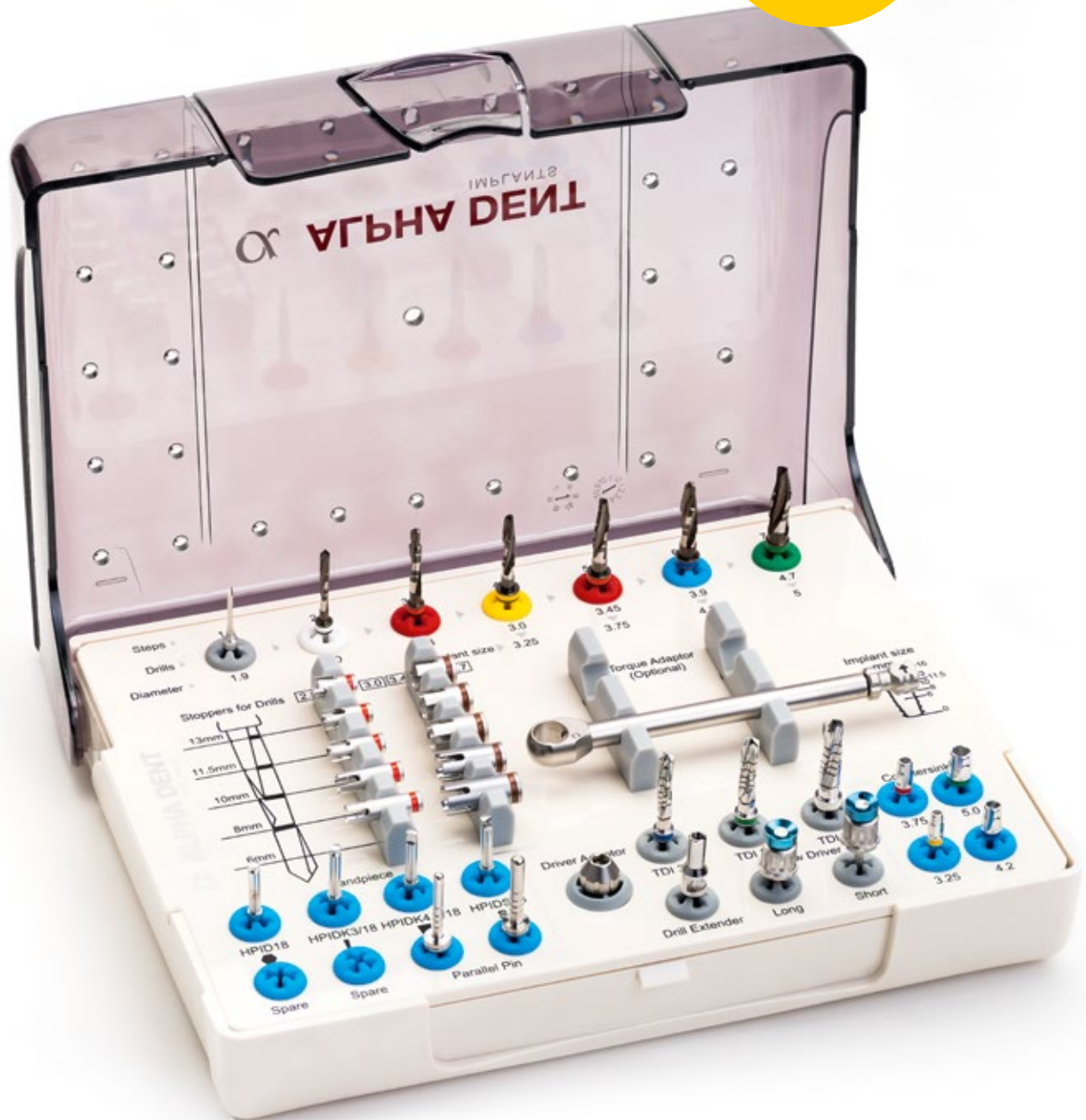


SURGICAL KIT,
SURGICAL GUIDE KIT



> IKM

A SET OF INSTRUMENTS

NEW


IKM

**HEATPROOF
 CASE**

An expanded and improved set by Alpha Dent Implants includes all the necessary instruments for the installation of implants and allows conducting all procedures fast and safely.

- The new ergonomic design is made in accordance with a sequence of preparation of bone cavity for the implant.

DRILL

Diamond coated drills



Cylindrical finishing drills



COUNTERSINKS



WRENCHES

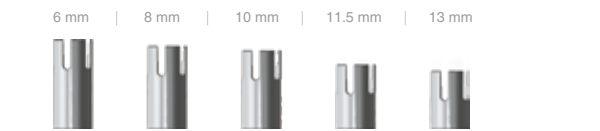


STOPPERS

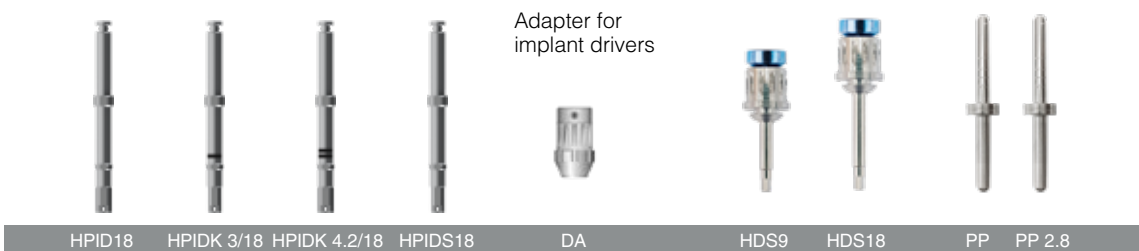
for drills TCA 2.0 and 2.8



for drills TCA 3.0, 3.45, 3.9, 4.7



IMPLANT DRIVERS



> SGK SURGICAL GUIDE KIT

NEW



SGK

HEATPROOF
CASE



Drill Guide
D5 mm

GS-D5.0



Drill Guide
D5 mm, h3.5

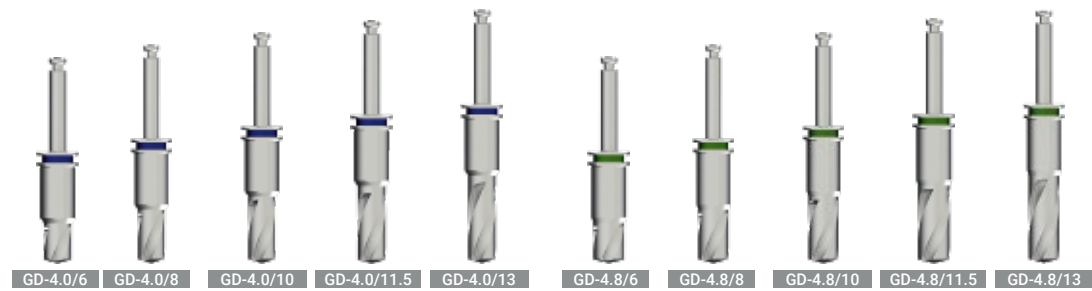
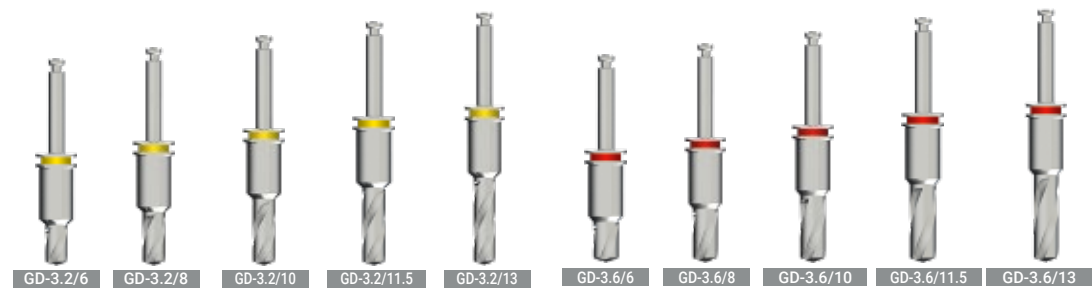
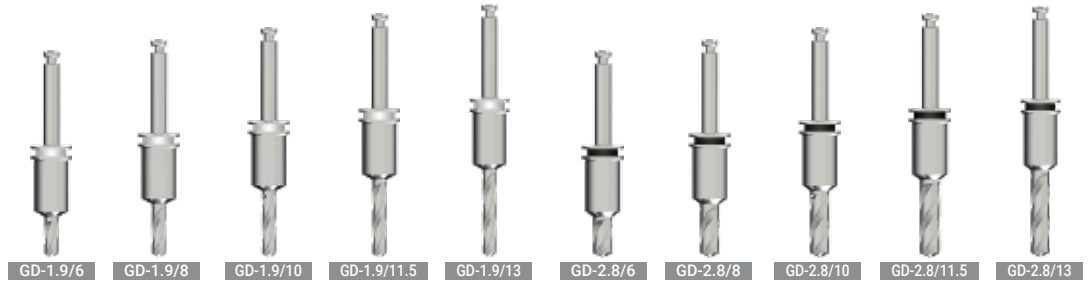
GS-D5-h3.5



Guide Guide
D2.0 mm

GS-D2.0

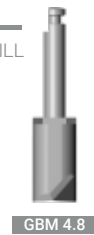
COMPONENTS OF THE SURGICAL GUIDE KIT DRILL



Universal screwdriver for screws 9 mm and 18 mm



BONE MILL



TISSUE PUNCH



> HPID
 HPIDS
 ID
 DA

IMPLANT DRIVERS

For implants with internal hexagon

for surgical handpiece

FOR IMPLANTS: ACTIVE / CLASSIC

FOR IMPLANT SLIM



HPID18



HPIDS18

ADAPTER

for implant drivers, for surgical handpiece for:



DA

- torque wrench
- torque control wrench

for torque wrench / torque control wrench



ID9



ID18

> HDS

UNIVERSAL WRENCH FOR ABUTMENT SCREW FIXATION



HDS9

HDS18

Size of 9 mm and 18 mm

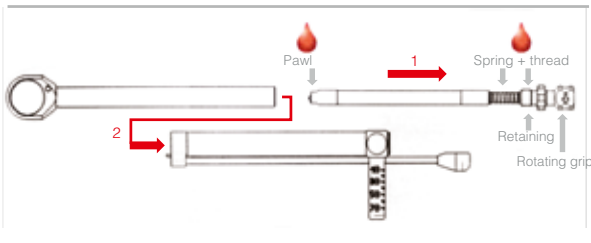
Short and long manual wrench for bone screws.

It can be used for manual screw fixation, as well as for torque wrench or torque control wrench. It can be used with all screws in the system.

> PP
TD-E
RDL
RR
RT10-45

INSTRUMENTS

PP	PP 2.8	TD-E	RDL	DM
Direction indicator, depth gauge		Drill extension	Locator torque wrench (fixation/ extraction of the caps)	The depth gauge for a bone cavity to measure a gingival height.



RR Torque wrench



RT10-45

Torque control wrench



Drill Guide D5 mm

GS-D5.0



Drill Guide D5 mm, h3.5

GS-D5-h3.5



Guide Guide D2.0 mm

GS-D2.0



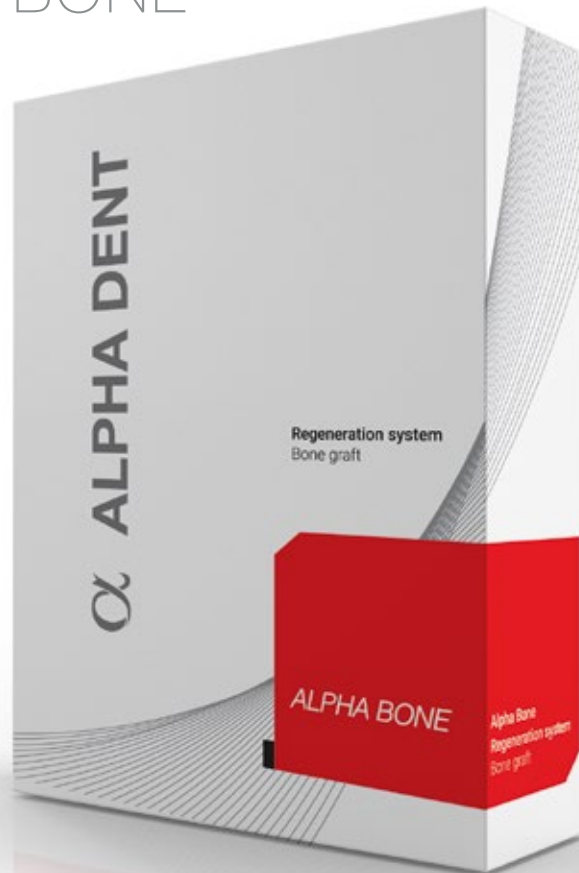
SPECIAL PROPOSAL

SPECIAL PROPOSAL
FOR DOCTOR
ALPHA BONE,
CEMENT ALPHA-CEM,
ALPHA DENT PENGUIN

FOR PATIENT
ALPHA DENT HEALTH SUPPLEMENTS,
ALPHA DENT IMPLANT CARE FOAM

> ADBL
AB

ALPHA BONE

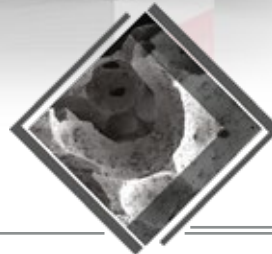
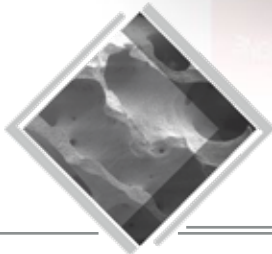


BULL BONE

ADBL05	Alpha Bone 500-1000 0.5
ADBL10	Alpha Bone 500-1000 1.0
ADBL20	Alpha Bone 500-1000 2.0
ADBL50	Alpha Bone 500-1000 5.0

SYNTHETICS BONE GRAFT

AB51005	Alpha Bone Beta 500-1000 0.5
AB51010	Alpha Bone Beta 500-1000 1.0
AB51020	Alpha Bone Beta 500-1000 2.0
AB51050	Alpha Bone Beta 500-1000 5.0



Alpha BONE 500-1000 – possesses osteogenic properties and high biological compatibility with strongly marked hydrophilic properties. Due to a three-dimensional porous structure of hydroxiapatite of biological origin (of trabecular and diaphysial tubular bone parts) it promotes angiogenesis, bone marrow stem cell migration as well as fast penetration of blood proteins into micropores which, in their turn, are temporary reservoirs for proteins assembly that precipitate their growth.

The natural osteoplastic material is made of highly purified bull bone.

Alpha BONE is a safe, according to BSE, transplantation material from Germany which has no cell elements and protein at all. For **Alpha BONE** production a technology of gradual multi-level cleaning of spongy and cortical bone tissue CTS is used together with high-temperature processing method. These production processes permit to remove all organic components from the material and exclude any potential immune reactions onset.

Alpha BETA BONE 500-1000 – it is a safe and secure material. Beta Bone homogeneous structure helps to form new bone tissue and ensures its long-term mechanical stability.

High osteoconductivity of **Alpha BETA BONE** is achieved due to high porosity (80%) with a pore size of 200 to 800 µm and their interconnected structure. The high microporosity of **Alpha BETA BONE** is an ideal framework for accelerating the growth of osteogenic cells and it optimally promotes the regeneration of bone tissue. This material is not less effective than materials derived from bovine bone. It is easy to use and it has good resorbability, retains volume and mechanical stability. Resorption process and material integration has 2 phases: during 3-6 months there is beta-tricalcium phosphate regeneration, and then hydroxyapatite integration.

> CI CEMENT ALPHA-CEM FOR CROWN FIXATION ON IMPLANTS



CI

ALPHA-CEM

Non-Eugenol Resin Cement for Implant Retained Crowns

Alpha-Cem™ Designed for Implants. Provides a strong connection, while allowing relatively easy to remove, if necessary, the abutment crown (tooth, tab).

Directions for use Alpha-Cem™

1. Complete all preparatory procedures, check fit, occlusion and proximal contacts.
2. Isolate, clean and dry the prepared area and abutments, to avoid or remove obvious contamination. Absolute dryness is not necessary.
3. Lubricate the surface of the abutment with water-based lubricant. It will facilitate in case of future removal of implant restorations.
4. Bleed syringe on initial use. Insert the new tip in the Alpha-Cem™ syringe and bleed through assembled mix-tip again.
5. Provide clean and dry inside surface of the crown. Syringe the cement directly into the crown. The time needed to complete the work - 45-60 seconds;
6. Immediately put on a crown and hold in place (or ask the patient to close his mouth, using a cotton roll) until the initial hardening, which will come in 90 - 120 seconds. The initial hardening is characterized by a rubbery texture of the material. At this stage the excess cement can be easily removed.
7. The final hardening of cement will occur in 4 - 5 minutes.

> 55002 ALPHA DENT PENGUIN


The RFA Technique

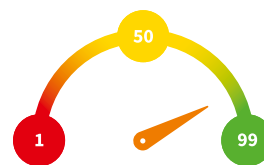
Resonance Frequency Analysis (RFA) was introduced in implant dentistry more than 20 years ago. A peg attached to an implant is excited and the vibration frequency is picked up by the instrument and presented as an ISQ (Implant Stability Quotient) value.

Monitor Osseointegration


Reduce treatment time
 Manage risk patients
 For immediate
 and postponed loading



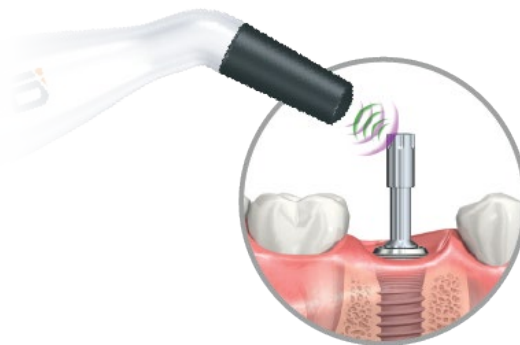
- ▶ Autoclavable 20 times
- ▶ ISQ Standard Calibrated™
- ▶ Optimal platform fit
- ▶ Laser marked with type number



The ISQ scale is measured from 1 to 99 and correlates strongly to implant micro mobility. By taking a baseline value at implant placement and another before loading, the degree of osseointegration can be measured.

Penguin^{RFA} – Removes Doubt

In today's implant dentistry, the trend is to use short or no healing periods before loading. This places high demands on the clinical team. If conditions are not optimal, poor primary stability may increase the risk of implant failure. PenguinRFA provides accurate and objective measurements of implant stability, serving as a reliable support when taking decisions when to load.



> ADV01
ADV02
ADV03

ALPHA DENT HEALTH SUPPLEMENTS

Vitamin and mineral complex that supports organism in improved regeneration and healing. Complex consists of three products that are administered at three basic stages of implantation. Preparation of the bone for implantation, healing and osseointegration.



CARE FOR PATIENT
EXCLUSIVE FROM ALPHA
DENT IMPLANTS SYSTEM
PREPARATION OF THE BONE FOR IMPLANTATION,
HEALING AND OSSEOINTEGRATION

Pre Implantation Complex Alpha. Powder for oral solution.

Source of calcium, phosphorus, zinc, magnesium, copper, and vitamins K2 and D in optimal for uptake ratio. Calcium and phosphorus are two main microelements, which are responsible for mineralization, integrity, and density of bones and teeth. Magnesium takes part in metabolism of bone tissue, prevents from bone demineralization, and suppresses calcium deposit on the walls of blood vessels, heart valves, muscles, urinary tracts. Zinc is a cofactor of more than 200 enzymes and it acts upon the process of bone tissue remodeling. Copper takes part in building of the most important proteins of connective tissue – collagen and elastin, which create a matrix of bone and cartilaginous tissue. Manganese normalizes synthesis of glycosaminoglycans, which are essential for formation of the bone and cartilaginous tissue. Vitamin D3 facilitates normal calcium uptake by organism and strengthening of muscle and bone tissues. Vitamin K2 takes an important role in the process of building of bones. Therefore, this complex of minerals and vitamins has a formulation that is similar to formulation of human bone tissue. Due to specially designed and balanced formulation it ensures fast osseointegration and bone tissue restoration after dental implantation.

Fast integration Complex Alpha. Capsules.

Source of collagen, glucosamine, propolis, chondroitin, hyaluronic acid and proline. It is a balanced combination of propolis and main components of organic matrix of bone tissue. Approximately 90% of organic matrix accounts for collagen. Along with mineral components collagen is a main factor determining mechanical properties of the bone. Distinction of bone tissue collagen is a large content of amino acid proline. In addition the organic matrix contains glycosaminoglycans, chondroitin sulfate and hyaluronic acid. Such combination may be used to boost the immunity, for infection prophylaxis and improvement of wound healing process after dental implantation.

Post integration Complex Alpha. Capsules.

Source of collagen, glucosamine, chondroitin, hyaluronic acid and proline. It is a complex of natural ingredients, which constitute the organic matrix of bone tissue in optimal ratio: collagen / glycosaminoglycans. Approximately 90% of organic matrix accounts for collagen. Along with mineral components collagen is a main factor determining mechanical properties of the bone. Distinction of bone tissue collagen is a large content of amino acid proline. In addition the organic matrix contains glycosaminoglycans, chondroitin sulfate and hyaluronic acid. Complex facilitates fast bone tissue restoration, it stimulates osseointegration process and improves short-term and long-term results of dental implantation.

> ACF100 ALPHA DENT IMPLANT CARE FOAM

Alpha Dent Implants is a German globally known company that produces Premium class dental implants, as well as products for oral care after the implantation for our patients.

Alpha Dent Implants Research Institute is continuously working on new developments to offer our patients the best products and services in the field of dental implantology. For two years our experts have been conducting researches and as a result created a unique product for oral care after implantation – **Alpha Dent IMPLANT CARE FOAM**.

Studies have shown that in contrast to the use of other solutions, the use of **Alpha Dent IMPLANT CARE FOAM** during the first days after implantation shortens the bone-implant healing and prevents complications in the postoperative period. We do care about our patients' health and always offer only qualitative implants and care products for it.





 **ALPHA DENT**
IMPLANTS

