

 **ALPHA DENT**
IMPLANTS

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with taper connection

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with taper connection

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ALPHA DENT IMPLANTS COMPANY

Alpha Dent Implants is a smooth-running company with a firm position in the field of development and production of dental implants. The innovative system of dental implants **Alpha Dent Implants** have been developed from long-term experience and researches of world leaders in the field of implantology. Due to a precision technology of manufacturing and multilevel processing of implants surface their reliable osseointegration has been achieved.



Lifetime warranty for
Alpha Dent Implants products
is a guarantee of your
successful medical practice.

Alpha Dent Implants maintains a system of thorough quality control of its products, which meets all requirements of main standards in this area: standard ISO 13485 in the framework of the evaluation system of medical devices conformity and standard. The products have CE Certificate; they have been certified in many countries around the world.

A wide range of our products enables an individual approach to the patient's treatment taking into consideration anatomic peculiarities of jaws and providing an excellent aesthetics. Dentists with a rich experience in the sphere of implantology have offered many innovative solutions for implant system by Alpha Dent Implants. Clinical cases of complete rehabilitation with these implants are represented at our website www.alpha-dent.net.

Alpha Dent Implants conducts various educational programs, which meet the needs of experienced implantology specialists and beginner dentists of general practice. The company participates in charitable events, organizes tremendous off-site training activities all over the world, tours to factories, webinars, practical workshops.

Moreover, **Alpha Dent Implants** Company has established an efficient plan of its products delivery and sale to the dealers and clients worldwide. Each year products of Alpha Dent Implants take over new countries. The company has local sale and service centers, working 24 hours a day, 7 days a week in order to ensure the best service.

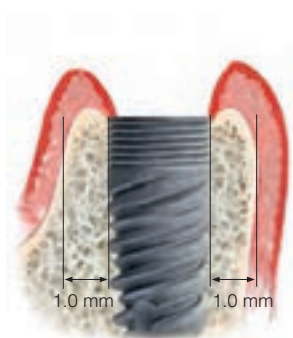
Price, quality, and service are the main principles of our work allowing us to expand every day and to provide the physicians of many world countries with an opportunity to develop together with us, giving a beautiful smile and another quality of life to their patients!

Implantation is the most demanded sphere of dental surgery. Implantology has made a breakthrough in the rehabilitation of the patients with denture defects, improving their life quality. **Alpha Dent Implants** Company tends to expand the dentist's possibilities and introduces the implant system created by **Alpha Dent Implants** in compliance with modern technologies and research in the sphere of dental implantology.

One of the valuable properties of titanium is its biological compatibility with bone. Combination of high strength-to-weight ratio and practically perfect compatibility of titanium and its alloys with human body tissues makes titanium the most promising material for producing implants (made from titanium alloy GRADE 4).

Sterility

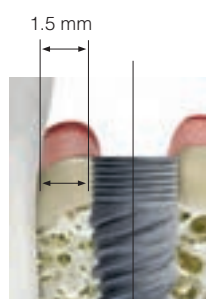
All production of **Alpha Dent Implants** is thoroughly sterilized. Double sterile packing ensures sterility maintenance. Due to a high technical level of production and the strictest control of sterility, **Alpha Dent Implants** meets the requirements of the highest quality standards, confirmed by appropriate certificates.



Positioning of the implant in bone

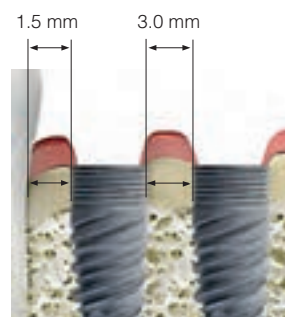
- > Bone depth on the side of cortical plate must be not less than 1 mm.

The distance between an implant and a tooth root must be minimum 1.5 mm, i.e. the distance from the implant site center to the next tooth must be about the $\frac{1}{2}$ diameter of the implant's body + 1.5 mm.



Distance between the implant and tooth root

The distance between two implants must be a sum of $\frac{1}{2}$ diameters of the body of the implants installed + 3 mm (distance between implants).



Distance depends on diameter of implants installed



Conventional Signs

LOT number

Use before the expiry date

For licensed specialists only

Doesn't need resterilization

Do not use twice
(single application)

Implant physical characteristics

Type of implant

Certification in compliance with Appendix II, clause 3 of Guideline 93/42 EWG 93/42 EWG Medical Products Council

Gamma-sterilization

Manufacturer

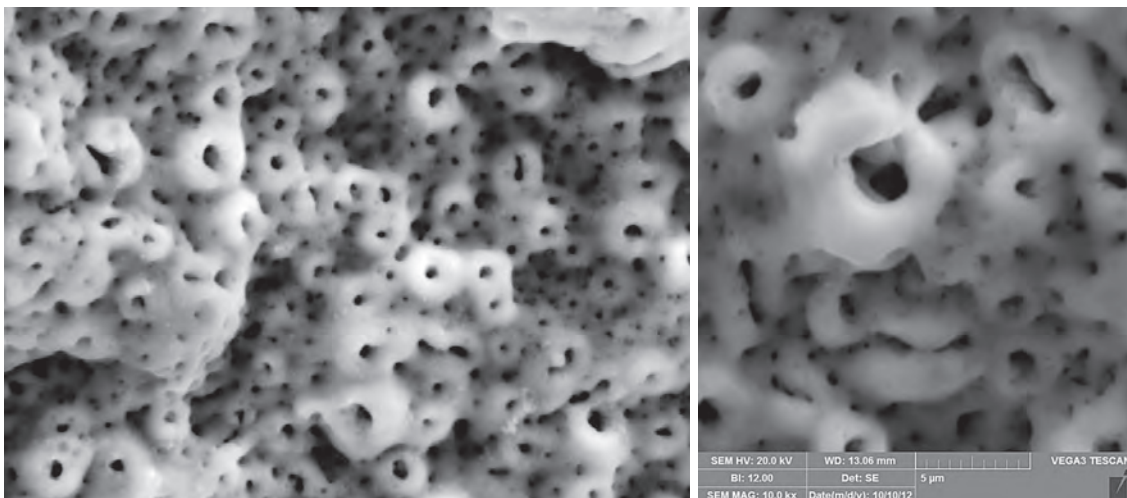


3D ACTIVE SURFACE

3D Active surface represents the latest generation of dental implant surface treatment technology. This surface is active and hydrophilic; it has distinct multi-layered microporous structure. The thickness of oxide layer of the implant surface reaches 10-12 microns. The entire thickness of the oxide layer is imbued with micropores that combine with each other and create a multi-layered surface. This way, the bone tissue grows deeper both in and between micro pores. Thereby, implant surface area is significantly increased and, thus, the contact between bone tissue and implant surface is strengthened. Titanium oxide film is enriched with calcium hydroxyapatite, and the implant surface is contaminant-free. It has prominent hydrophilic characteristics (absorption).

Researches show that **3D Active** surface stimulates active bone growth over the implant surface that results in mechanical stability. This surface property allows performing orthopedic rehabilitation at an earlier stage and significantly reduces the risk in case when the implant is installed under the one-stage procedure.

3D Active Surface is a result of a long and productive project of «STR» Surface Treatment Research laboratory (UK).



REPRESENTATIONS



	Albania		Kazakhstan
	Bangladesh		Kosovo
	Bahrain		Lebanon
	Belarus		Morocco
	Brazil		Moldova
	England		Pakistan
	Germany		Poland
	Egypt		Russia
	India		Saudi Arabia
	Iran		Syria
	Italy		Ukraine

WORKSHOPS AND TRAINING

Alpha Dent Implants also conducts various educational programs, which meet the needs of experienced implantology specialists and beginner dentists of general practice. The company participates in charitable events, organizes tremendous off-site training activities all over the world, tours to factories, webinars, practical workshops.

For example, our workshops cover such topics as:

- Importance of planning in implantation
- Bone: anatomy, physiology
- Blood supply and innervation of hard and soft tissues in the area of planned implantation
- Osseointegration. Bone remodeling
- Types of implants and their characteristics
- The best place to install an implant, spatialization, angles, distance, and depth
- Choosing an implant to solve the current clinical situation
- Gum formation
- Type of prosthetic structures fixation

And that's not the complete list of covered topics and branches.



For more information, please visit the official website of Alpha Dent Implants:

 www.alpha-dent.net



IMPLANTS WITH TAPER CONNECTION

INTERNAL CONNECTION





IMPLANTS
WITH TAPER
CONNECTION

ACTIVE BIO
ACTIVE CONUS
CLASSIC CONUS

> IAB

ACTIVE BIO

Platform Switching

- «Switching» of the platform

Micro thread

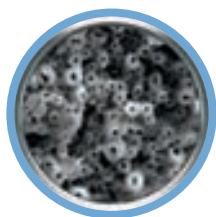
- Micro rings for better contact with a cortical plate

Triangular part

- Early rehabilitation, new bone is formed around triangular part, enhanced anti-rotation effect

3D Active surface

- Unique active and hydrophilic surface of a new generation



narrow platform

Set includes implant plug

Single taper platform



NARROW
PLATFORM

2.1 mm

Inverted cone

In gingival part to reduce compression in cortical layer

Implant body

- Severe conical shape of the implant
- The shape of an implant matches completely the drill
- Initial stability is guaranteed



Active thread

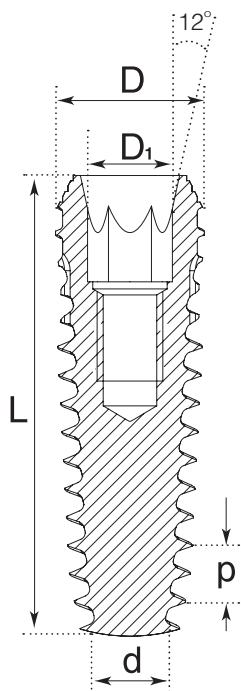
- Allows achieving reliable initial stability in a soft bone

Antirotational sulcus

- Prevents unscrewing

Apical part

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



Active Bio is a conical-shaped implant with a helical aggressive thread. It is used under one- or two-steps procedure in all bone types. 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. Due to a formation of a new bone around the triangular part and enhanced anti-rotation effect, the best conditions for early rehabilitation are provided when the implant is used.

Active Bio is highly suitable for areas with soft bone tissue as its size and surface allow achieving good primary stability in such areas. Implant body shape matches the shape of conical drills perfectly.

D, mm	D ₁ , mm	d, mm	L, mm				p, mm
NARROW CONICAL PLATFORM 2.1 mm (3.0)							
3.75	2.1	2.0	8	10	11.5	13	1.45
4.2	2.1	2.5	8	10	11.5	13	1.45
5.0	2.1	2.5	8	10	11.5	13	1.45

D₁ – size of hexagon

Table of sequential use of conical drills for implant Active Bio

Drill diameter, mm	1.9	2.0	2.8	3.2	3.7	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 400-700 D3 500-600 D4 400-500
Drill diameter, mm	1.9	2.0	2.8	3.2*	3.7*	4.5*
Implant diameter, mm	16 mm 13 mm 11.5 mm 10 mm 8 mm 6 mm					
Ø Implant						3.75 4.2 5.0
Ø Drill	1.9	2.0	2.8	3.2	3.7	4.5
Drill marking	no marking					

* The drill should process $\frac{2}{3}$ 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 Bio

Drill diameter, mm	1.9	2.0	2.8	3.0	3.45	3.9	4.7
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	D1 400-600 D2 400-700 D3 500-600 D4 400-500
Drill diameter, mm	1.9	2.0	2.8	3.0	3.45	3.9	4.7
Implant diameter, mm	16 mm 13 mm 11.5 mm 10 mm 8 mm 6 mm						
Ø Implants							3.75 4.2 5.0
Ø Drills	1.9	2.0	2.8	3.0	3.45	3.75	3.9 4.2 4.7 5.0
Drill marking	no marking						

Diamond coated drills in Alpha Dent Implants system are developed with the aim to form a bone cavity for implants **Active**, **Active +**, **Active Bio**, **Active Conus** 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

> IAK

ACTIVE CONUS

Platform Switching

- «Switching» of the platform
- Narrow connection of the implant prevents compression in cortical layer

Micro thread

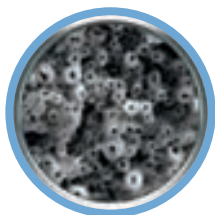
- Micro rings for better contact with a cortical plate

Intermediate thread

- Bone thread on the corticospongoid level

3D Active surface

- Unique active and hydrophilic surface of a new generation



2.1 mm
narrow platform



2.5 mm
wide platform

Set includes implant plug

Two types of conical platforms with hexagon



NARROW PLATFORM
2.1 mm



WIDE PLATFORM
2.5 mm

Implant body

- Severe conical shape of the implant
- The shape of an implant matches completely the drill
- High initial stability



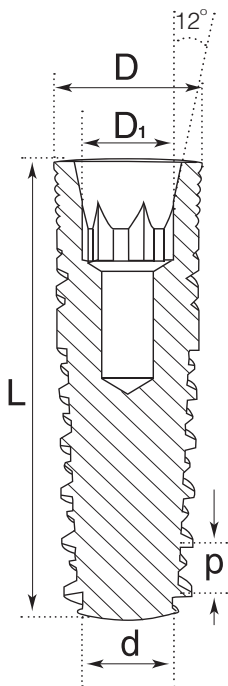
Active thread

- Has multiple levels of height, which allows enlarging the surface of the implant
- Allows achieving reliable initial stability in soft bone

Antirotational sulcus

Apical part

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



Active Conus implant has a platform with an inner cone and a hexagon for the positioning. This type of platform allows creating a taper connection with suprastructures. This connection is more stable and airtight. 3.25 mm diameter implants are installed in front and lateral parts (canine teeth, incisors, premolar teeth).

D, mm	D ₁ , mm	d, mm	L, mm					p, mm
NARROW CONICAL PLATFORM 2.1 mm (3.0)								
3.25 *	2.1	2.0	10	11.5	13	1.45		
3.75	2.1	2.0	8	10	11.5	13	1.45	
WIDE CONICAL PLATFORM 2.5 mm (4.2)								
4.2	2.5	2.5	8	10	11.5	13	1.45	
5.0	2.5	2.5	6	8	10	11.5	13	1.45

D₁ – size of hexagon

* force on 3.25 - 5.0, to 70 NCm

► **Table of sequential use of conical drills for implant Active Conus**

Drill diameter, mm	1.9	2.0	2.8	3.2	3.7	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 400-700 D3 500-600 D4 400-500
Drill diameter, mm	1.9	2.0	2.8	3.2	3.7	4.5
Implant diameter, mm	16 mm 13 mm 11.5 mm 10 mm 8 mm 6 mm			3.25	3.75	4.2
Ø Implant				3.25	3.75	4.2
Ø Drill	1.9	2.0	2.8	3.2	3.7	4.5
Drill marking	no marking					

★ The drill should process $\frac{2}{3}$ 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 Conus**

Drill diameter, mm	1.9	2.0	2.8	3.0	3.45	3.9	4.7
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	D1 400-600 D2 400-700 D3 500-600 D4 400-500
Drill diameter, mm	1.9	2.0	2.8	3.0	3.45	3.9	4.7
Implant diameter, mm	16 mm 13 mm 11.5 mm 10 mm 8 mm 6 mm			3.25	3.75	4.2	5.0
Ø Implant				3.25	3.75	4.2	5.0
Ø Drill	1.9	2.0	2.8	3.0	3.45	3.9	4.7
Drill marking	no marking						

Diamond coated drills in Alpha Dent Implants system are developed with the aim to form a bone cavity for implants **Active**, **Active +**, **Active Bio**, **Active Conus** 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

> ICK

CLASSIC CONUS

Platform Switching

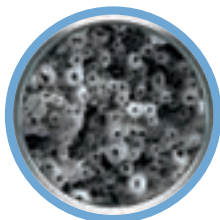
- «Switching» of the platform

Micro thread

- Micro thread for better contact with a cortical plate

3D Active surface

- Unique active and hydrophilic surface of a new generation



Antirotational sulcus



2.1 mm
narrow
platform



2.5 mm
wide
platform

Set includes implant plug

Two types of conical platforms with hexagon



NARROW
PLATFORM

2.1 mm



WIDE
PLATFORM

2.5 mm

Implant body

- Implant of a cylindrcal root-shape
- The shape of an implant matches completely the drill
- Initial stability is guaranteed

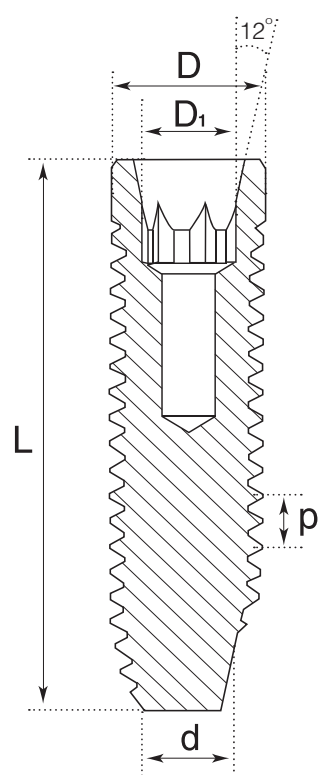


- Triangular thread

Apical part Round shape

- Mainly used in I bone type

Titanium alloy of implants produced by Alpha Dent Implants Company combines high resistance and perfect biological compatibility with bones and tissues of human body (Grade 4 titanium).





Classic Conus implant has a platform with an inner cone and a hexagon for the positioning of dental structures. This type of platform allows creating a perfect taper connection with suprastructures. This connection is more airtight and has a better load distribution. 3.3 mm diameter implants are installed in front and lateral parts (canine teeth, incisors, premolar teeth).

D, mm	D ₁ , mm	d, mm	L, mm				p, mm
NARROW CONICAL PLATFORM 2.1 mm (3.0)							
3.3 *	2.0	2.1	8	10	11.5	13	0.6
3.75	2.0	2.1	8	10	11.5	13	0.6
WIDE CONICAL PLATFORM 2.5 mm (4.2)							
4.2	2.5	2.5	8	10	11.5	13	0.6
5.0	2.5	2.5	8	10	11.5	13	0.6

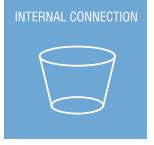
D₁ – size of hexagon

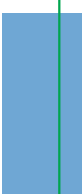
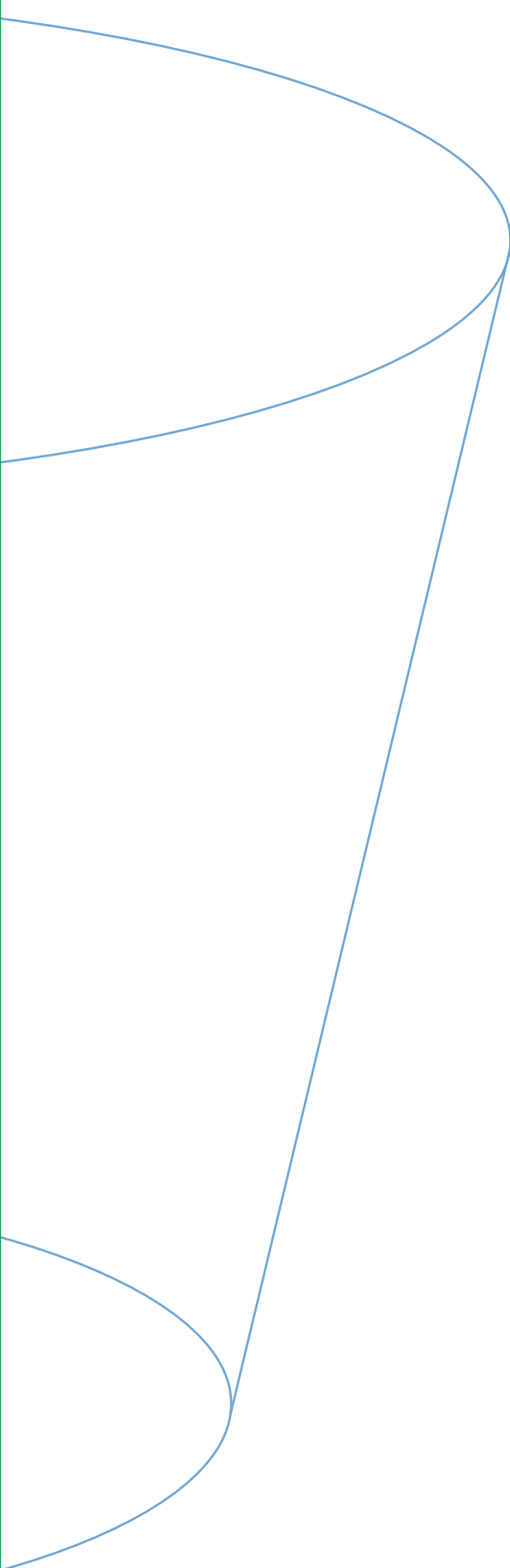
* force on 3.3, not more than 40 NCm

> Table of sequential use of conical drills for implant Classic Conus

Drill diameter, mm	1.9	2.0	2.8	3.2	3.7	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						
Classic						
Ø Implant	3.3 3.75 4.2 5.0					
Ø Drills	1.9	2.0	2.8	3.2	3.7	4.5
Ø Bone tap	3.3 3.75 4.2 5.0					
Drill marking						

SUPRASTRUCTURES FOR IMPLANTS WITH TAPER CONNECTION





SUPRASTRUCTURES FOR IMPLANTS WITH TAPER CONNECTION

ACTIVE BIO
ACTIVE CONUS
CLASSIC CONUS

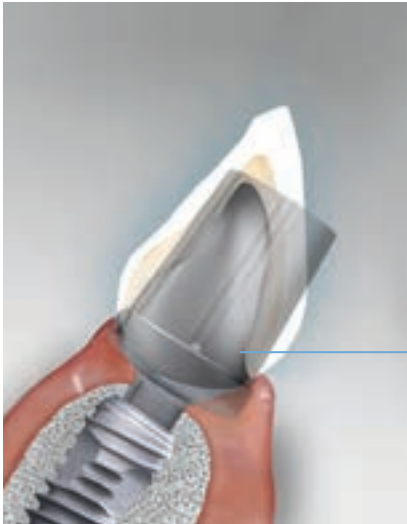
NEW

NEW! FREEFORM ABUTMENT

FREEFORM ABUTMENT — COMPLETELY FREE DENTAL BLANK

The blank is 10 mm wide and 20 mm high, that is why it is universal

- This type of individual abutment is produced on a high precision machine
- As a result, the creation of suprastructure with any diameter, height, shape, and angle is possible
- The blank is based on a conical platform, which provides the best implant-abutment connection for airtight fixation



It gives an exclusive advantage. You create a suprastructure with individual eruption outline, regardless of mesiodistal inclination of crown

Therefore, the procedure of dental restoration is adjusted to the patient, not the other way round

Endless possibilities
of precise prosthetics

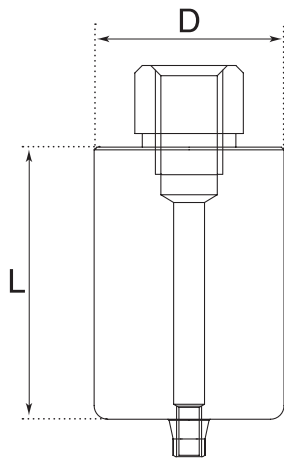
***Imagine the situation:
the dental implant is installed
and surgical stage is completed.***



***Most often, you do not know which suprastructure
will be installed at the stage of prosthetics. Familiar
and inconvenient, isn't it? Therefore, the Alpha Dent
Implants Company offers a solution better than
individual abutment.***

> PMAS
PMAW

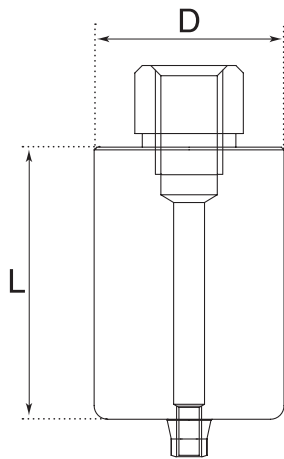
FREEFORM ABUTMENT



NARROW CONICAL PLATFORM 2.1 mm (3.0)



	Code	L, mm	D, mm	Includes
	PMAS	20	10	 Retaining screw

WIDE CONICAL PLATFORM 2.5 mm (4.2)

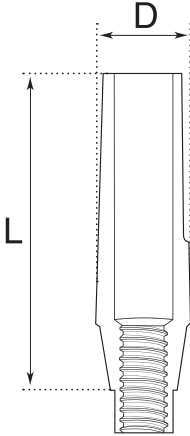






	Code	L, mm	D, mm	Includes
	PMAW	20	10	 Retaining screw

>TAK3
TAK4.2

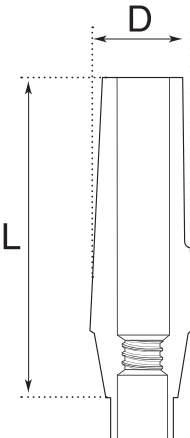




ANTIROTATIONAL TITANIUM
ABUTMENT, STRAIGHT CONICAL

NARROW CONICAL PLATFORM 2.1 mm (3.0)

		Code	L, mm	D, mm	Includes
		TAK3/7	7	3.35	 Screw for the abutment
		TAK3/9	9	3.35	 Screw for the abutment
		TAK3/12	12	3.35	 Screw for the abutment

Straight titanium antirotational conical abutment.
Abutment includes a screw. Available in three sizes:
7 mm, 9 mm, and 12 mm.

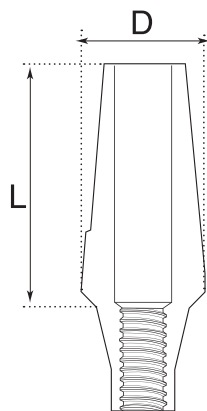
WIDE CONICAL PLATFORM 2.5 mm (4.2)


		Code	L, mm	D, mm	Includes
		TAK4.2/7	7	3.85	 Screw for the abutment
		TAK4.2/9	9	3.85	 Screw for the abutment
		TAK4.2/12	12	3.85	 Screw for the abutment

> TAWK3
TAWK4.2

TITANIUM ANTIROTATIONAL WIDE ABUTMENT, CONICAL

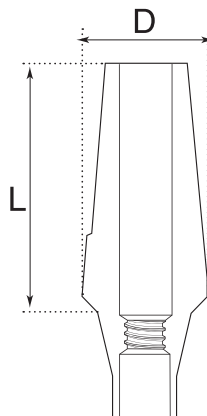
NARROW CONICAL PLATFORM 2.1 mm (3.0)




Code	L, mm	D, mm	Includes
TAWK3/9	9	5.0	 Screw for the abutment

Wide antirotational titanium conical abutment with hexagon. Available in two sizes: 9 and 12 mm. Mainly used in the area of posterior teeth.

WIDE CONICAL PLATFORM 2.5 mm (4.2)



Code	L, mm	D, mm	Includes
TAWK4.2/9	9	5.5	 Screw for the abutment

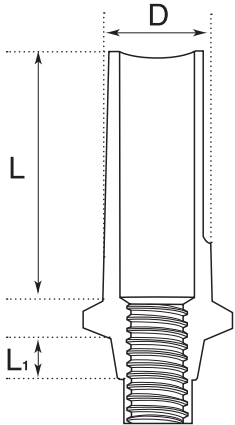




ALPHA DENT

IMPLANTS

> TAK3/
TAK4.2/

ANTIROTATIONAL TITANIUM
SHOULDER ABUTMENT, STRAIGHT CONICAL

NARROW CONICAL PLATFORM 2.1 mm (3.0)

		Code	L, mm	L1, mm	D, mm	Includes
		TAK3/001	7	1	4.6	 Screw for the abutment
		TAK3/002	9	2	4.6	 Screw for the abutment
		TAK3/003	12	3	4.6	 Screw for the abutment

Antirotational titanium shoulder abutment straight conical.
Available in three shoulder sizes: 1, 2, 3 mm.

WIDE CONICAL PLATFORM 2.5 mm (4.2)

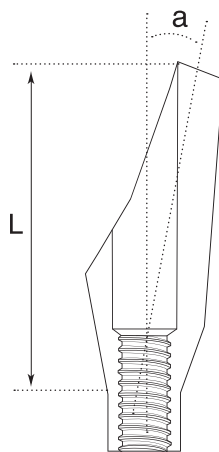
		Code	L, mm	L1, mm	D, mm	Includes
		TAK4.2/001	7	1	5.1	 Screw for the abutment
		TAK4.2/002	9	2	5.1	 Screw for the abutment
		TAK4.2/003	12	3	5.1	 Screw for the abutment


Antirotational titanium shoulder abutment straight conical.
Available in three shoulder sizes: 1, 2, 3 mm.

> TAAK3/015
TAAK4.2/015

ANGULAR ANTIROTATIONAL TITANIUM ABUTMENT 15°, CONICAL

NARROW CONICAL PLATFORM 2.1 mm (3.0)

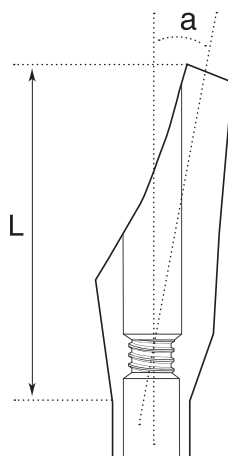



Code	L, mm	a°	Includes
TAAK3/015	9	15	 Screw for the abutment

Angular antirotational titanium conical 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.

WIDE CONICAL PLATFORM 2.5 mm (4.2)



Code	L, mm	a°	Includes
TAAK4.2/015	9	15	 Screw for the abutment

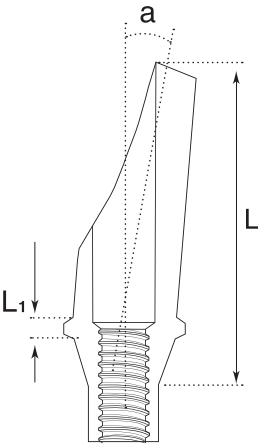






Angular antirotational titanium conical abutment 15° without a shoulder.

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.

> TAAK3/015
TAAK4.2/015




ANATOMICAL ANGULAR TITANIUM
ABUTMENT 15°, CONICAL

NARROW CONICAL PLATFORM 2.1 mm (3.0)

	Code	L, mm	L1, mm	a°	Includes
	 TAAK3/01501	9	1	15	 Screw for the abutment
	 TAAK3/01502	9	2	15	 Screw for the abutment
	 TAAK3/01503	9	3	15	 Screw for the abutment

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

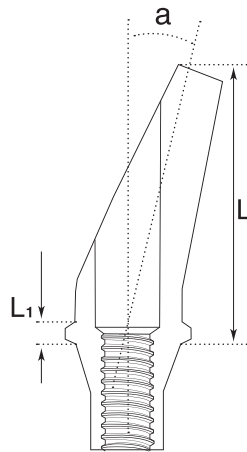
WIDE CONICAL PLATFORM 2.5 mm (4.2)

	Code	L, mm	L1, mm	a°	Includes
	 TAAK4.2/01501	9	1	15	 Screw for the abutment
	 TAAK4.2/01502	9	2	15	 Screw for the abutment
	 TAAK4.2/01503	9	3	15	 Screw for the abutment



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

> TAAK3/02502
TAAK4.2/02502



ANATOMICAL ANGULAR TITANIUM ABUTMENT 25°, CONICAL WITH A SHOULDER 2_{mm}



NARROW CONICAL PLATFORM 2.1 mm (3.0)

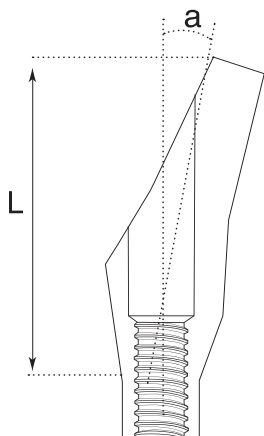
	Code	L, mm	L ₁ , mm	a°	Includes
	TAAK3/02502	9	2	25	 Screw for the abutment

WIDE CONICAL PLATFORM 2.5 mm (4.2)



	TAAK4.2/02502	9	2	25	 Screw for the abutment
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> TAAK3/025
TAAK4.2/025



ANTIROTATIONAL TITANIUM ANGULAR ABUTMENT 25°, CONICAL



NARROW CONICAL PLATFORM 2.1 mm (3.0)

	Code	L, mm	a°	Includes
	TAAK3/025	9	25	 Screw for the abutment

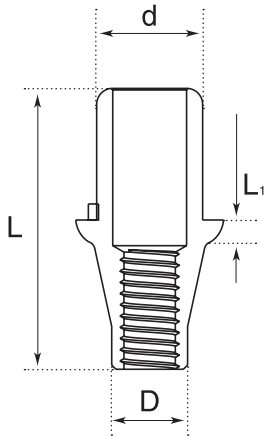








WIDE CONICAL PLATFORM 2.5 mm (4.2)

	TAAK4.2/025	9	25	 Screw for the abutment
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> TPCK3
TPCK4.2

TITANIUM PLATFORM FOR CAD/CAM,
CONICAL

NARROW CONICAL PLATFORM 2.1 mm (3.0)

		Code	L, mm	L ₁ , mm	d, mm	D, mm	Includes
		TPCK3	8.5	0.5	3.3	3.75	 Screw for the abutment
		ZAK3/1	9	1	3.3	3.75	 Screw for the abutment
		TPCK3/2	9	2	3.3	3.75	 Screw for the abutment
		TPCK3/3	9	3	3.3	3.75	 Screw for the abutment

WIDE CONICAL PLATFORM 2.5 mm (4.2)

	Code	L, mm	L ₁ , mm	d, mm	D, mm	Includes
	TPCK4.2	8.5	0.5	3.3	3.75	 Screw for the abutment
	ZAK4.2/1	9	1	3.3	3.75	 Screw for the abutment
	TPCK4.2/2	9	2	3.3	3.75	 Screw for the abutment
	TPCK4.2/3	9	3	3.3	3.75	 Screw for the abutment

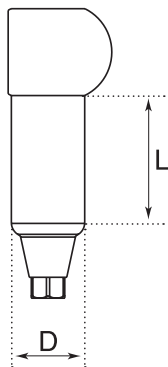
Platform for CAD/CAM
for producing individual structures using digital technologies.



Unique occasion to choose a platform of different height depending on the type of mucosa.

> ATN9
ATW9

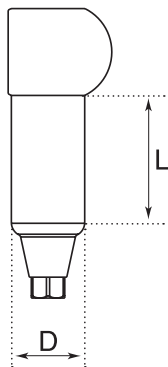
SCAN-ABUTMENT FOR CAD/CAM, CONICAL



NARROW CONICAL PLATFORM 2.1 mm (3.0)



	Code	L, mm	D, mm	Includes
	ATN9	9	4.6	 Screw for the abutment

WIDE CONICAL PLATFORM 2.5 mm (4.2)



	Code	L, mm	D, mm	Includes
	ATW9	9	5.1	 Screw for the abutment

Scanning abutments

www.alpha-dent.net

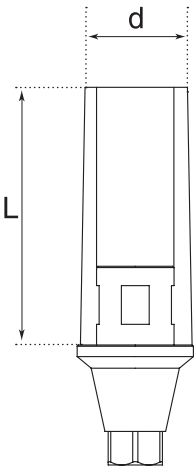




Here you can download
Exocad libraries





>PTAK3
PTAK4.2

PLASTIC BURNOUT ABUTMENT
ON TITANIUM BASE, CONICAL



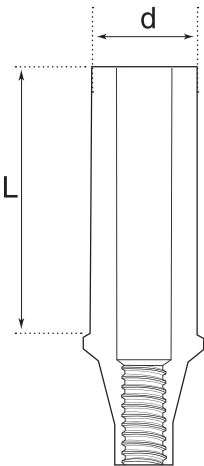
NARROW CONICAL PLATFORM 2.1 mm (3.0)				
	Code	L, mm	d, mm	Includes
	PTAK3	9	4.5	 Screw for the abutment



WIDE CONICAL PLATFORM 2.5 mm (4.2)				
	PTAK4.2	9	4.5	 Screw for the abutment



Plastic conical abutment with titanium base is used with single implants.

>PAK3
PAK4.2

PLASTIC BURNOUT ABUTMENT,
CONICAL



NARROW CONICAL PLATFORM 2.1 mm (3.0)				
	Code	L, mm	D, mm	Includes
	PAK3	9	4.5	 Screw for the abutment

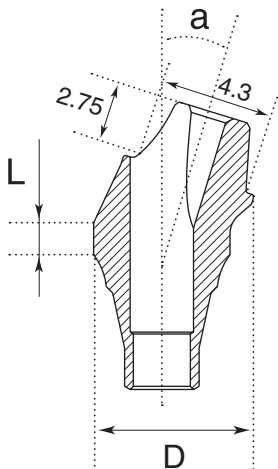






WIDE CONICAL PLATFORM 2.5 mm (4.2)				
	PAK4.2	9	4.5	 Screw for the abutment

Plastic burnout conical abutment is intended for individual orthopedic structures.

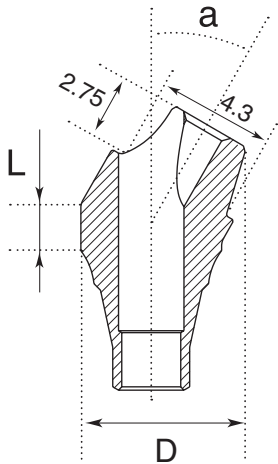






> MUBK3

ONE-PIECE ANGULAR MULTI-UNIT 17°/30° CONICAL

NARROW CONICAL PLATFORM 2.1 mm (3.0)

	17°	Code	L, mm	D, mm	a°	Includes
		MUBK3/1701	1	5.0	17	 Screw for the abutment
		MUBK3/1702	2	5.0	17	 Screw for the abutment
		MUBK3/1703	3	5.0	17	 Screw for the abutment

NARROW CONICAL PLATFORM 2.1 mm (3.0)

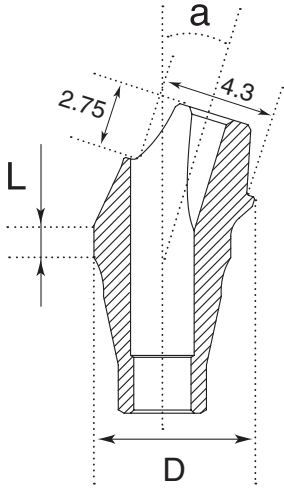





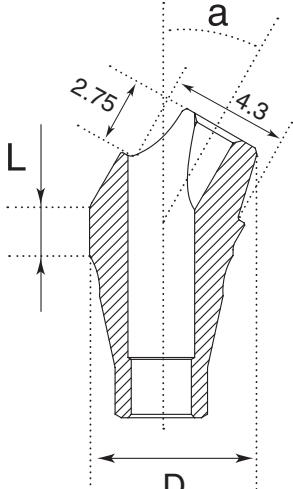





	30°	Code	L, mm	D, mm	a°	Includes
		MUBK3/3001	1	5.0	17	 Screw for the abutment
		MUBK3/3002	2	5.0	17	 Screw for the abutment
		MUBK3/3003	3	5.0	17	 Screw for the abutment

Multi-unit system is used for overdenture and cementable structures, as well as for structures with 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°**.

> MUBK30 ONE-PIECE ANGULAR
MULTI-UNIT 17°/30° CONICAL

WIDE CONICAL PLATFORM 2.5 mm (4.2)

	17°	Code	L, mm	D, mm	a°	Includes
		MUBK4.2/1701	1	5.0	17	 Screw for the abutment
		MUBK4.2/1702	2	5.0	17	 Screw for the abutment
		MUBK4.2/1703	3	5.0	17	 Screw for the abutment
	30°	Code	L, mm	D, mm	a°	Includes
		MUBK4.2/3001	1	5.0	30	 Screw for the abutment
		MUBK4.2/3002	2	5.0	30	 Screw for the abutment
		MUBK4.2/3003	3	5.0	30	 Screw for the abutment

Multi-unit system is used for overdenture and cementable structures, as well as for structures with 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

CUFFS FOR ANGULAR MULTI-UNIT 17°/30°

Plastic cuff



PMM

Temporary PEEK cuff



PEMM

Titanium cuff



TSAAM

> HCAEM

HEALING CAP FOR ANGULAR MULTI-UNIT 17°/30°



HCAEM

Titanium healing cap for multi-unit is intended to form gingival line and gingival papilla

> RDO

WRENCH FOR MULTI-UNIT



RDO

Installation wrench for multi-unit abutments

> ART

RDO WRENCH ADAPTER



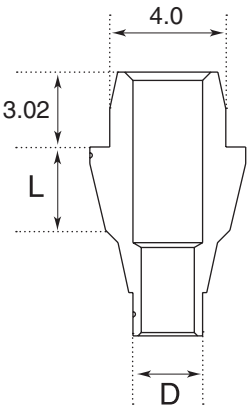






ART

RDO wrench adapter for installation of multi-unit abutments, for torque wrench

> AEA

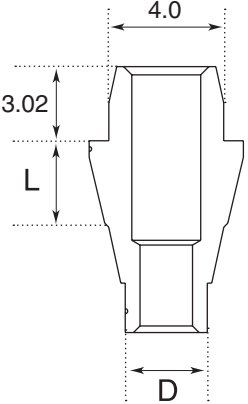






AESTHETIC ANTIROTATIONAL
ABUTMENT (STRAIGHT MULTI-UNIT)

NARROW CONICAL PLATFORM 2.1 mm (3.0)

		Code	L, mm	D, mm	d, mm	Includes
		AEA3/001	1	2.1	4.5	 Screw for the abutment
		AEA3/002	2	2.1	4.5	 Screw for the abutment
		AEA3/003	3	2.1	4.5	 Screw for the abutment

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

WIDE CONICAL PLATFORM 2.5 mm (4.2)

		Code	L, mm	D, mm	d, mm	Includes
		AEA4.2/001	1	2.1	4.5	 Screw for the abutment
		AEA4.2/002	2	2.1	4.5	 Screw for the abutment
		AEA4.2/003	3	2.1	4.5	 Screw for the abutment

> PMK
PEMK
TSAAK

CUFFS FOR AESTHETIC ABUTMENT (STRAIGHT MULTI-UNIT)

Plastic cuff



PMK

Temporary PEEK cuff



PEMK

Titanium cuff



TSAAK

> HCAEK

HEALING CAP FOR AESTHETIC ABUTMENT (STRAIGHT MULTI-UNIT)

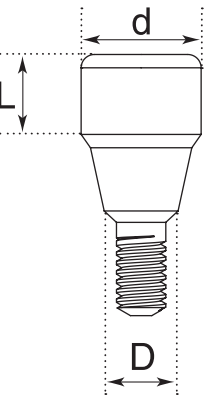


HCAEK

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

> HCK3

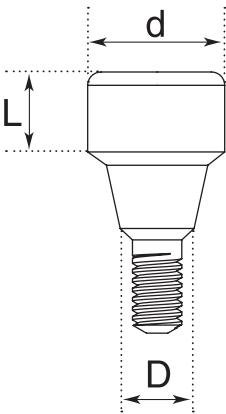
HEALING CAP, CONICAL

NARROW CONICAL PLATFORM 2.1 mm (3.0)				
	Code	L, mm	D, mm	d, mm
	HCK3/2	2	3.75	4.7
	HCK3/3	3	3.75	4.7
	HCK3/4	4	3.75	4.7
	HCK3/5	5	3.75	4.7
	HCK3/7	7	3.75	4.7

Titanium conical healing cap is installed on the implant and is intended to form gingival line and gingival papilla. It is available in following sizes: 2, 3, 4, 5, 7 mm. The size is defined according to the height of gingiva.

> HCWK3

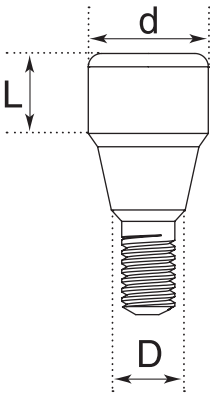
WIDE HEALING CAP, CONICAL

NARROW CONICAL PLATFORM 2.1 mm (3.0)				
	Code	L, mm	D, mm	d, mm
	HCWK3/3	3	3.75	5.4
	HCWK3/4	4	3.75	5.4
	HCWK3/5	5	3.75	5.4

> HCK4.2

HEALING CAP, CONICAL

WIDE CONICAL PLATFORM 2.5 mm (4.2)

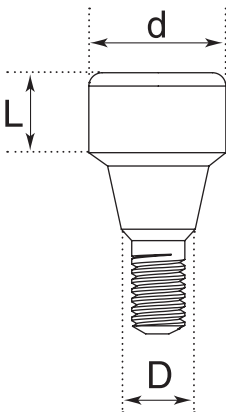
	Code	L, mm	D, mm	d, mm
	HCK4.2/2	2	3.75	4.7
	HCK4.2/3	3	3.75	4.7
	HCK4.2/4	4	3.75	4.7
	HCK4.2/5	5	3.75	4.7
	HCK4.2/7	7	3.75	4.7

Titanium conical healing cap is installed on the implant and is intended to form gingival line and gingival papilla. It is available in following sizes: 2, 3, 4, 5, 7 mm. The size is defined according to the height of gingiva.

> HCWK4.2

WIDE HEALING CAP, CONICAL

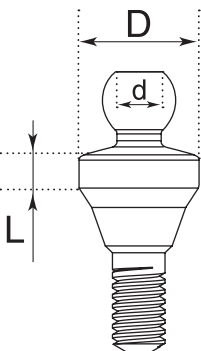



WIDE CONICAL PLATFORM 2.5 mm (4.2)

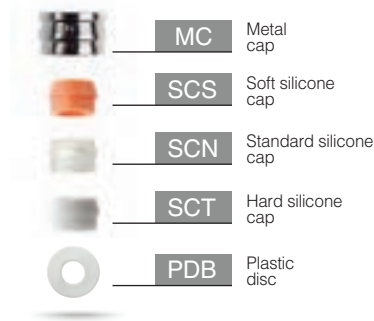
	Code	L, mm	D, mm	d, mm
	HCWK4.2/2	2	3.75	5.4
	HCWK4.2/3	3	3.75	5.4
	HCWK4.2/4	4	3.75	5.4
	HCWK4.2/5	5	3.75	5.4

> BAK3
BAK4.2

BALL ATTACHMENT, CONICAL

NARROW CONICAL PLATFORM 2.1 mm (3.0)

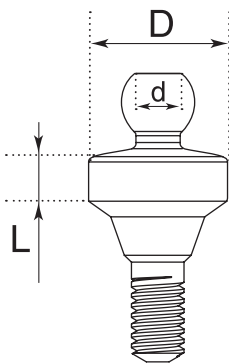



		Code	L, mm	D, mm	d, mm
		BAK3/2	2	3.75	2.5
		BAK3/3	3	3.75	2.5
		BAK3/4	4	3.75	2.5

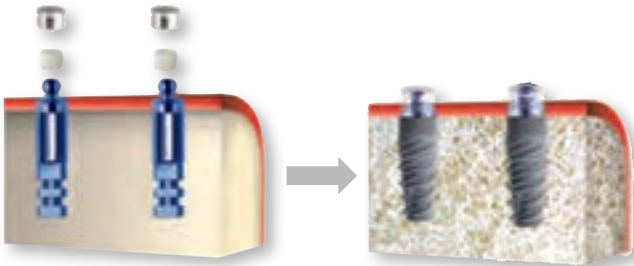


A structure with **conical ball attachment** is used for fixation of removable denture. A cap made of stainless steel can be included, as well as an intermediate silicone cap of three different degree of hardness: soft, standard, and strong.

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

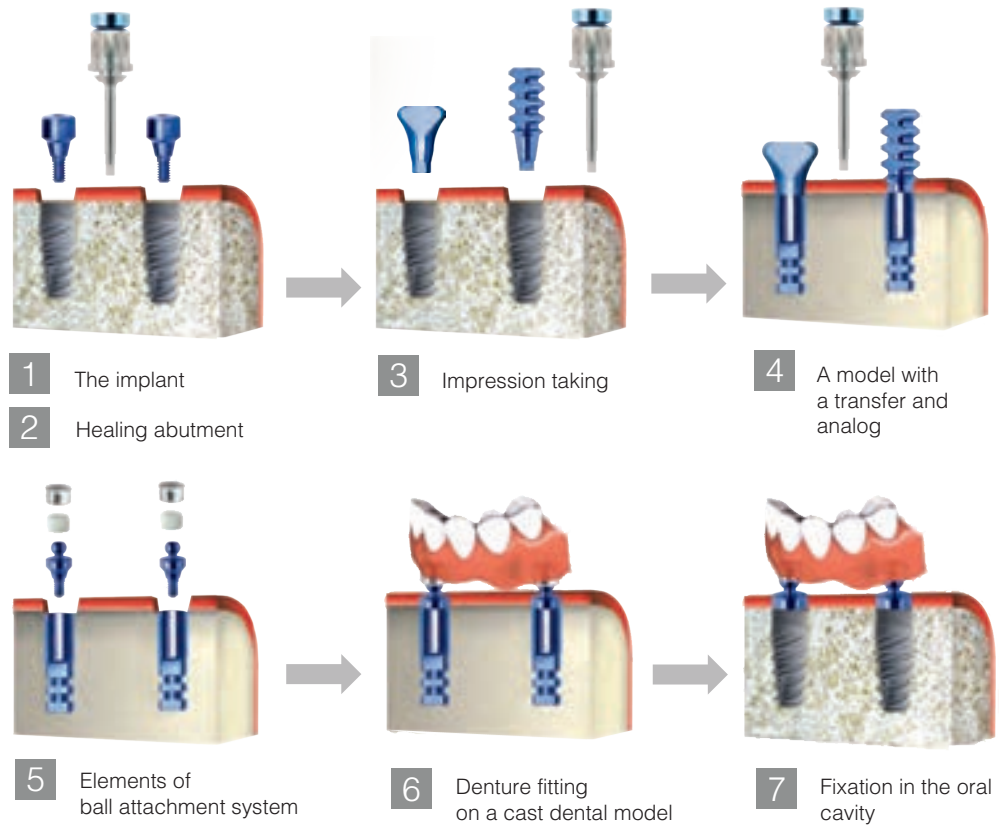
WIDE CONICAL PLATFORM 2.5 mm (4.2)

	Code	L, mm	D, mm	d, mm
	 BAK4.2/2	2	3.75	2.5
	 BAK4.2/3	3	3.75	2.5
	 BAK4.2/4	4	3.75	2.5

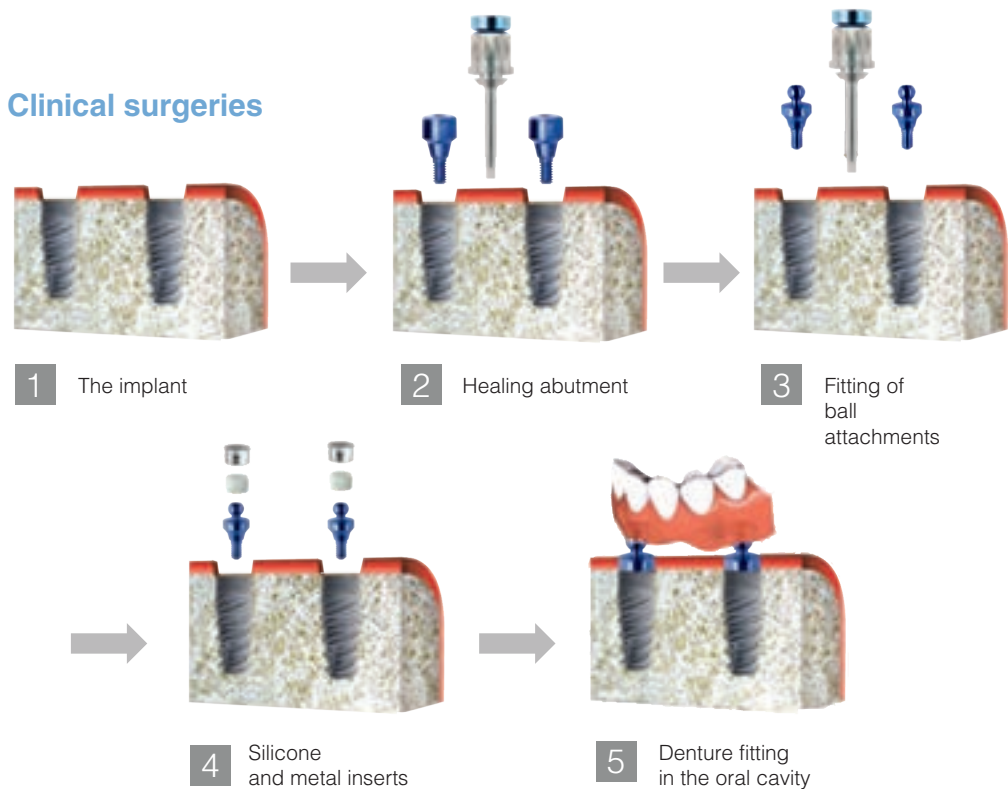


Removable dental rehabilitation on implants

Clinical and laboratory surgery



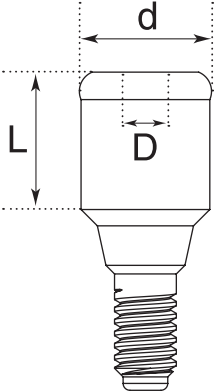






Clinical surgeries



> LCK3
LCK4.2

LOCATORS, CONICAL

NARROW CONICAL PLATFORM 2.1 mm (3.0)

		Code	L, mm	D, mm	d, mm
		LCK3/1	1	1.25	3.9
		LCK3/2	2	1.25	3.9
		LCK3/3	3	1.25	3.9
		LCK3/4	4	1.25	3.9
		LCK3/5	5	1.25	3.9
		LCK3/6	6	1.25	3.9

WIDE CONICAL PLATFORM 2.5 mm (4.2)

Locator with a taper connection is used for removable denture fixation.

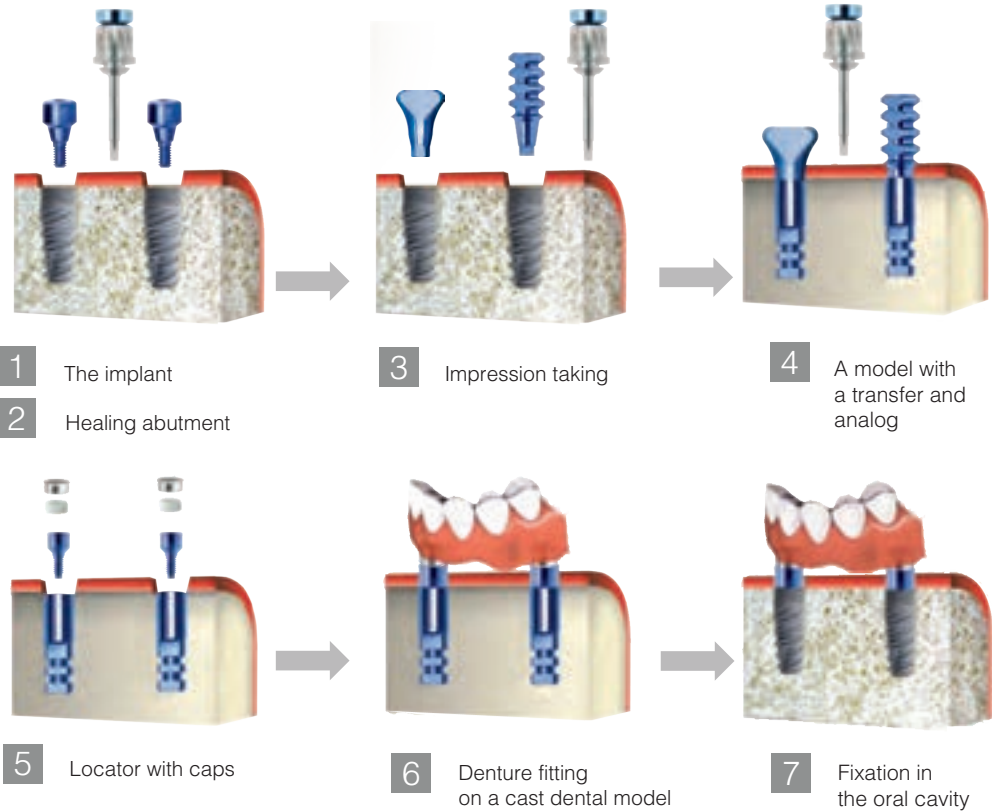
A cap made of stainless steel can be included, as well as an intermediate silicone cap. Locator set does not include caps. It can be purchased separately.



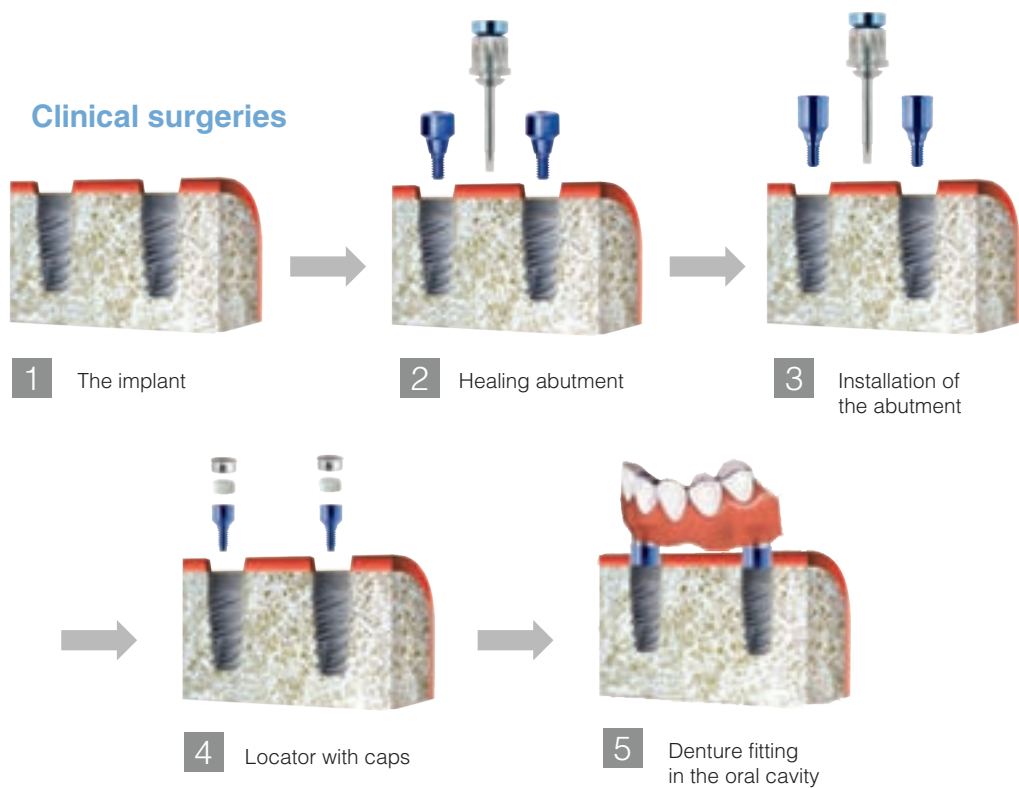
	LCK4.2/1	1	1.25	3.9
	LCK4.2/2	2	1.25	3.9
	LCK4.2/3	3	1.25	3.9
	LCK4.2/4	4	1.25	3.9
	LCK4.2/5	5	1.25	3.9
	LCK4.2/6	6	1.25	3.9

Removable dental rehabilitation on implants

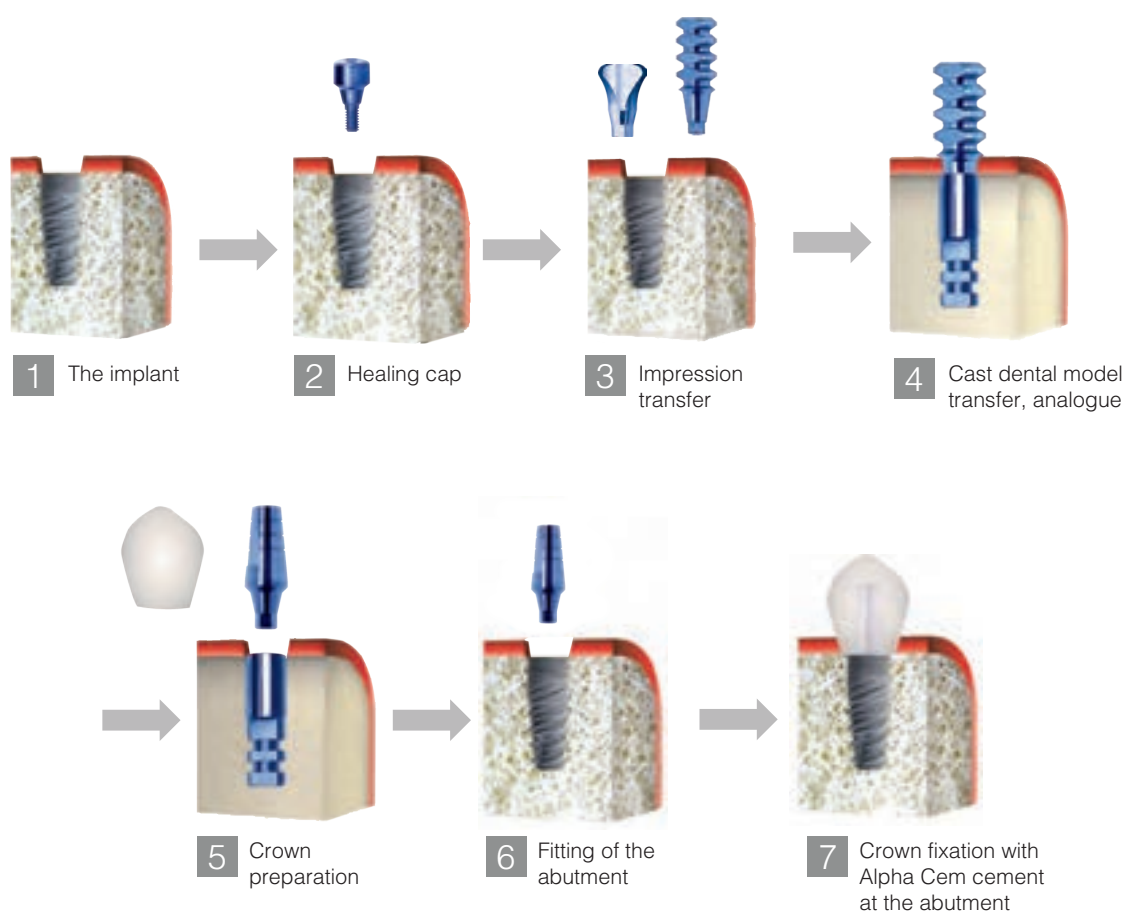
Clinical and laboratory surgery

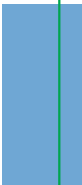



Clinical surgeries



Orthopedical protocol. Cement-retained fixation





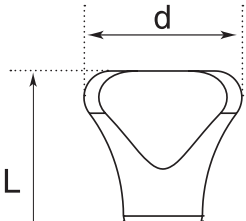

TRANSFERS AND ANALOGS FOR IMPLANTS WITH TAPER CONNECTIONS

ACTIVE BIO
ACTIVE CONUS
CLASSIC CONUS

> TCK3/9
TCK4.2/9

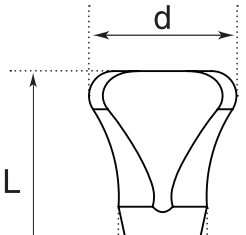

CLOSED TRAY TRANSFER, CONICAL

NARROW CONICAL PLATFORM 2.1 mm (3.0)

	Code	L, mm	D, mm	d, mm	Includes
	TCK3/9	9	3.0	6.0	 Retaining

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

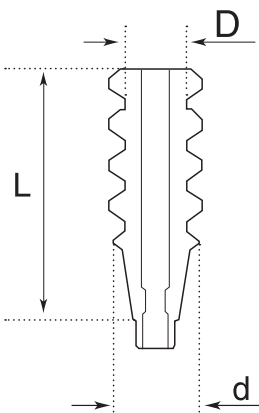

WIDE CONICAL PLATFORM 2.5 mm (4.2)

	Code	L, mm	D, mm	d, mm	Includes
	TCK4.2/9	9	3.6	6.0	 Retaining

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

> TCK3/15
TCK4.2/15

OPEN TRAY TRANSFER, CONICAL

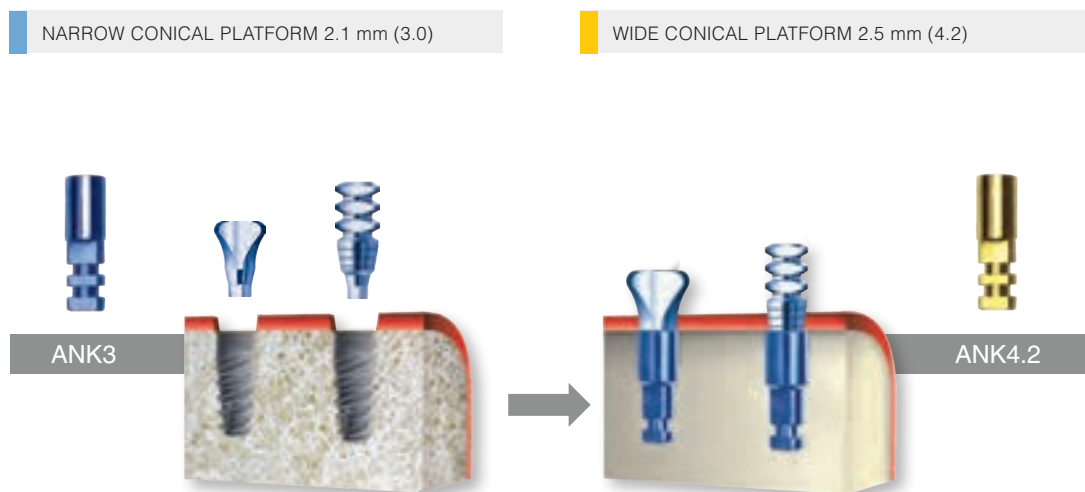
NARROW CONICAL PLATFORM 2.1 mm (3.0)					
	Code	L, mm	D, mm	d, mm	Includes
	TCK3/15	15	3.75	3.8	Retaining
WIDE CONICAL PLATFORM 2.5 mm (4.2)					
	Code	L, mm	D, mm	d, mm	Includes
	TCK4.2/15	15	3.75	3.8	Retaining

The length of open tray transfer is 15 mm. It is used in open tray impression coping.

> ANK3
ANK4.2

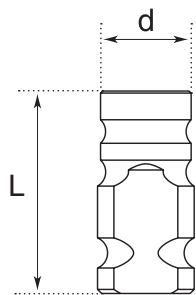
IMPLANT ANALOG, CONICAL

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



> TCAEM

TRANSFER FOR ANGULAR MULTI-UNIT 17°/30°

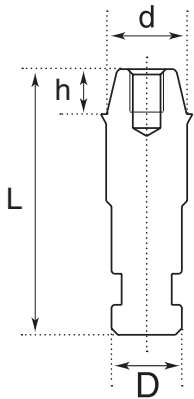


	Code	L, mm	d, mm
	TCAEM	10	4.5

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

> ANAEM

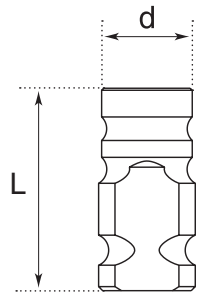
ANALOG OF ANGULAR MULTI-UNIT 17°/30°



	Code	L, mm	D, mm	d, mm	h, mm
	ANAEM	12.4	3.3	3.75	2.0

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

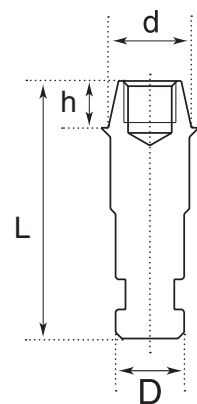
> TCAEK

TRANSFER FOR AESTHETIC
ABUTMENT (STRAIGHT MULTI-UNIT)

Code	L, mm	d, mm
TCAEK	10	4.8

Open tray transfer for aesthetic antirotational abutment (straight multi-unit) with a size of 15 mm. It is used in open tray impression coping.

> ANAEK

ANALOG OF AESTHETIC
ABUTMENT
(STRAIGHT MULTI-UNIT)

Code	L, mm	D, mm	d, mm	h, mm
ANAEK	12.4	3.3	4.0	2.0

It is used as an **analog of aesthetic antirotational abutment (straight multi-unit)** in the dental laboratory. It allows preparing laboratory models.



INSTRUMENTS AND SETS



INSTRUMENTS AND SETS



> HPIDK
IDK
DA

IMPLANT DRIVERS

For implants with taper connection

for surgical handpiece

NARROW CONICAL PLATFORM 2.1 mm (3.0)



HPIDK 3/9

HPIDK 3/18

WIDE CONICAL PLATFORM 2.5 mm (4.2)



HPIDK 4.2/9

HPIDK 4.2/18

for torque wrench / torque control wrench

NARROW CONICAL PLATFORM 2.1 mm (3.0)



IDK 3/9

IDK 3/18

WIDE CONICAL PLATFORM 2.5 mm (4.2)



IDK 4.2/9

IDK 4.2/18

ADAPTER

for implant drivers



DA

Adapter for implant drivers for surgical handpiece for:

- torque wrench
- torque control wrench

> T/C

BONE TAPS FOR IMPLANT CLASSIC



T/C 3.3



T/C 3.75



T/C 4.2



T/C 5.0

> HDS

UNIVERSAL WRENCH FOR ABUTMENT SCREW FIXATION

Size of 9 mm and 18 mm



HDS 9



HDS 18

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.

> SE 1.72

RETRIEVAL SCREW



SE 1.72

Retrieval screw for abutments extraction from implants with taper connection in «binding» Morse taper effect.

> IR
TP
PP
TD-E
RDL
TSD
RR
RT10-45

INSTRUMENTS



TP

Mucotome (tissue punch) for flap elevation over cover screw



PP

Direction indicator, depth gauge



PP2.8



TD-E

Drill extension



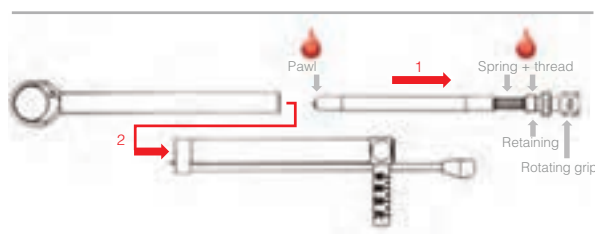
RDL

Locator torque wrench (fixation/ extraction of the caps)



DM

The depth gauge for a bone cavity to measure a gingival height.



RR

Torque wrench



RT10-45








Torque control wrench

> TD
TD/C
TCA
TDI
TDCS

DRILL

Diamond coated drills

Perfect formation of a bone cavity for installation of conical shape implant: **Active Bio, Active Conus.** Conical shape of drill perfectly recreates the shape of conical implant without a thread. Due to a diamond type coating, it remains sharp for a longer time.

Transfer screw	Alignment drill		Finishing cone drill			
						
TD1.9	TD/C 2.0	TD/C 2.8	TCA 3.0	TCA 3.45	TCA 3.9	TCA 4.7

Standard cylindrical-shaped drills

Standard drills with a function of internal cooling. Perfect formation of bone cavity in course of installation of implant **Classic Conus.**

		
TDI 3.2	TDI 3.7	TDI 4.5

> TDCS

UNDERREAMERS

It is used in order to reduce compression in cortical layer, to preserve trophicity, and to prevent bone resorption

			
TDCS-3.2	TDCS-3.75	TDCS-4.2	TDCS-5.0

> 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



UNDERREAMERS



STOPS

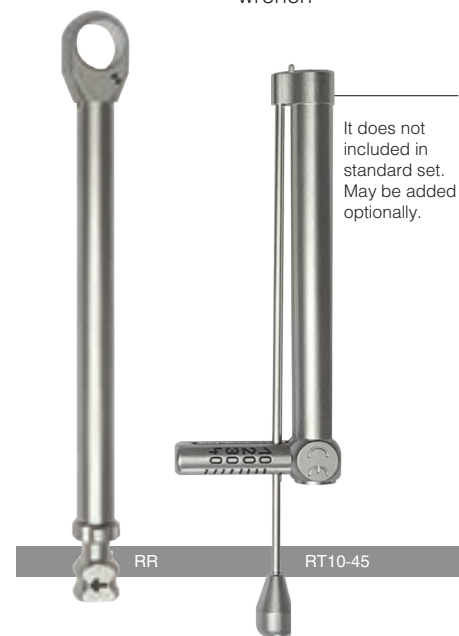
for drills 2.0 and 2.8



WRENCHES

Torque wrench

Torque control * wrench



IMPLANT DRIVERS



Wrench for abutment screw universal

Direction indicator — depth gauge



> SDK

THE SET OF STOPS FOR DRILLS WITH 2.0 AND 2.8 DIAMETER

The set of SDK stops. Diameter 2.0 / 2.8 mm

Drill stops are used in order to form a guaranteed depth of bone cavity for installation of a selected implant. The stop will stand still at the level of a cortical layer and will prevent an excessive drilling.



6 mm | 8 mm | 10 mm | 11.5 mm | 13 mm

> CI

CEMENT **ALPHA-CEM** FOR CROWN FIXATION ON IMPLANTS



Special cement for crown fixation on implants. It ensures a solid connection and fixation of a crown on suprastructure. **Alpha-Cem** enables easily remove a crown if necessary. It is polymer rubber-cement.

> SIK SINUS LIFT KIT



Set of instruments for sinus lift.

- It is designed for careful separation of a maxillary sinus membrane
- Due to a wide range of sizes and angles of working area of a tool, the work with hard-to-get surfaces becomes much easier

SIK

OHS01	OHS02	OHS03	OHS04	LAR F8.0 R8.0
Schneider membrane separator	Elevator	Curette 1	Curette 2	
				LAD 6.0 8.0
				LAC 6.0 8.0
				Burs for lateral preparation

> AMS

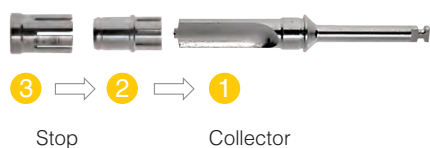
BONE EXTRACTION SYSTEM



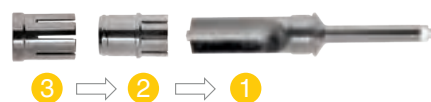
AMS is a system for a bone extraction.

- The bone extraction during the implantation. Recommended RPM: 500-800 RPM

AMS



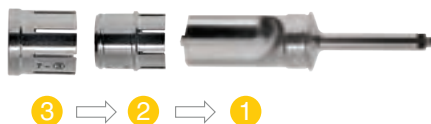
Auto Mill 4.0



Auto Mill 5.0



Auto Mill 6.0



Auto Mill 7.0

Bone
condenser

> CK

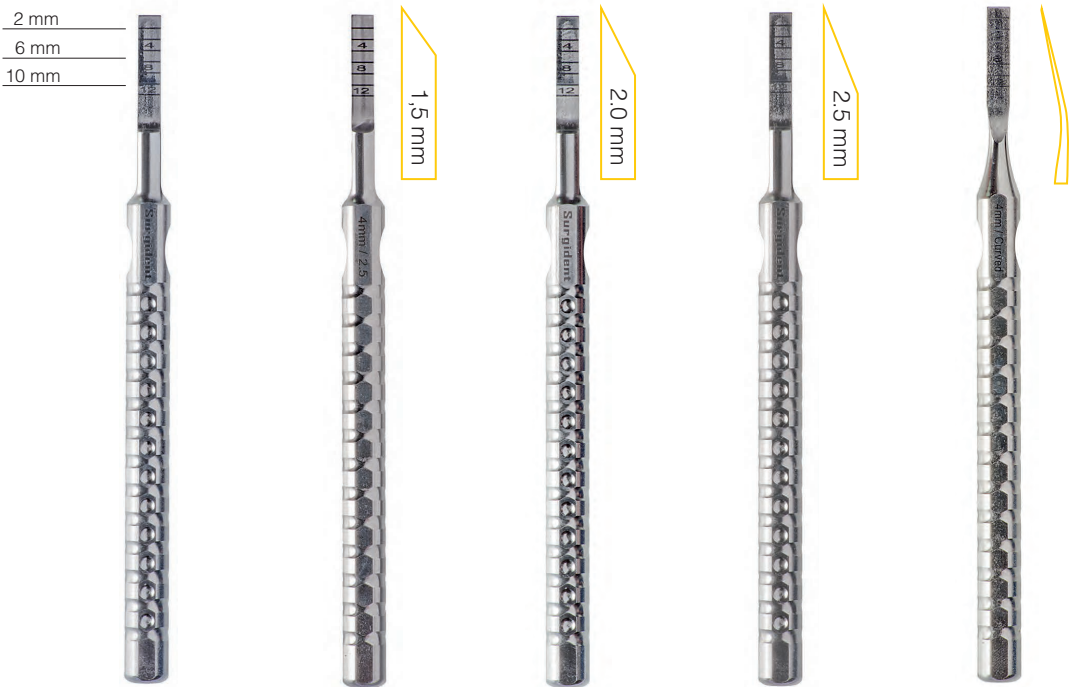
SPLITTING KIT



A set of instruments for alveolar crest splitting.

- Straight and curved cutting edge
- Sharp working surface provides an easy splitting
- Dimension marking 2, 4, 6, 8, 10, 12 mm

CK



4 mm / 1.0

4 mm / 1.5

4 mm / 2.0

4 mm / 2.5

1.0 / curved

> SK

COMPRESSION KIT



It is used for compaction (compression) in soft tissues with minimal injury.

SK

Drill length
17 mm



Drills for expansion	1.8 / 2.5	2.0 / 3.0	2.5 / 3.5	2.8 / 4.0	3.0 / 4.5
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Adapter

Adapter



Guide Drill 2.0

Piloted drill with
2.0 mm diameter



Wrench

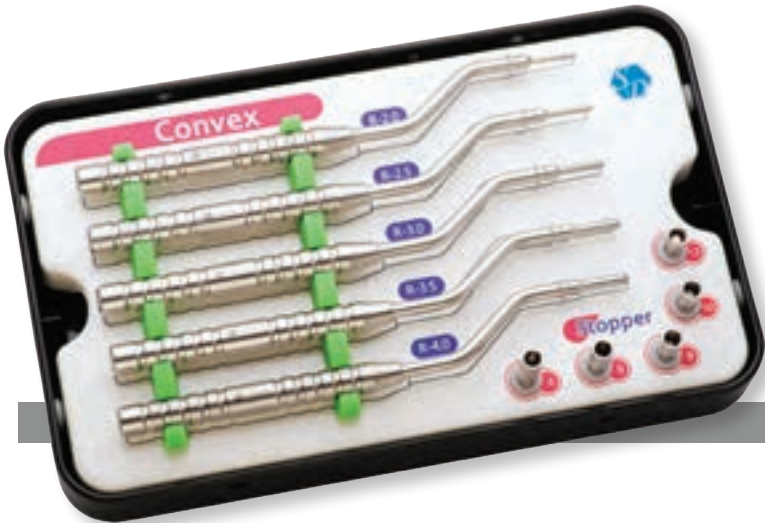
Torque wrench



Saw Disk 9.0

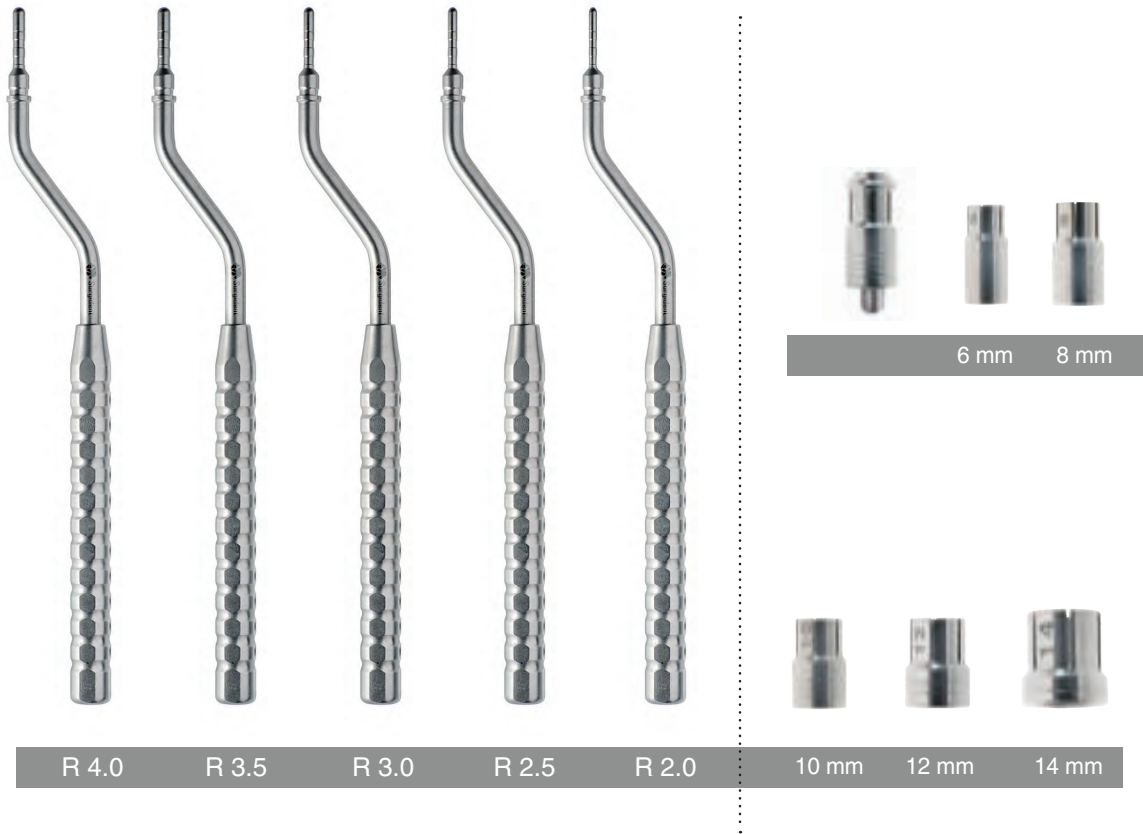
Saw disk with
9.0 mm diameter

> OK OSSEOTOMS KIT



It is used to compact a bone in the upper jaw and for closed sinus lift.

OK



PROMOTIONAL MERCHANDISE FOR DOCTOR AND PATIENT



Information materials for patient



Booklet «Personal calendar of implantation
Alpha Dent»



Booklet «6 reasons to install
Alpha Dent implants»



Brochure for patients
«Granny's smile»



Leaflet «Oral cavity care instruction after
dental implantation»

Leaflet «Myths and reality of dental
implantation»



Information materials for doctor



Product catalog



Price list



Leaflet «3D surface»

Leaflet «Instruments care instruction»



Exchange/return form for disintegrated
implant



Checklist of implantation



Stencil with line of dimensions
of implants



Brochure «Reasons of unsuccessful
implantation»



Leaflet «Form for surgical template
order»



Comparative table of dental implants
surfaces



Promotional merchandise decoration of a waiting room, dental office or exhibit booth



Desk flag Germany



Desk flag Alpha Dent



Roll-up



Display stand



Demonstration set



Plastic models of implants and suprastructures



Branded pen



Branded badge



Branded umbrella



Branded flash drive



Branded polo shirt



Branded cup



Paper bag Alpha Dent



Poster «Implantation: myths and reality»



Poster «Surgical procedure of dental implantation»



Flip instruction «9 stages of implantation»



Brand folder



Branding of a dental clinic, waiting room, exhibit booths



Branding of clinic's facilities allows making it unique and recognizable.

Branding of exhibition booth is a complex ad framing of a booth according to a corporate style and common idea of a structure.



ALPHA DENT
IMPLANTS

