

AnyRidge implant



- Various gingival heights of the abutments
- Single prosthetic platform
- Knife-Thread
- Huge choice clinical testimonies
- Narrow implant apex
- Tapered body of the implant



- Implant – abutment connection: 5° Morse Taper
- Biologic S-line
- Thicker abutment wall
- Maximal preservation of the cortical bone
- Small and strong abutment screw
- Wide range of CAD/CAM solutions



PEED®



Knife Thread®



3 implant types — 1 platform

1

AnyRidge Implant



The implant provides maximal initial stability in the bone of any density



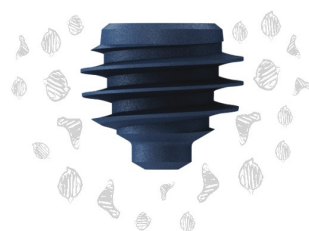
3.5 – 4.0 – 4.5 – 5.0 – 5.5 – 6.0 –
– 6.5 – 7.0 – 7.5 – 8.0



7.0 – 8.5 – 10.0 – 11.5 – 13.0 – 15.0

2

AnyRidge Short 6.2



Maximal surface area.
An alternative to sinus-lifting
and bone grafting procedures



4.0 – 4.5 – 5.0 – 5.5



6.2

3

AnyRidge Long



Transsinusal, pterygoid and
transnasal implantation

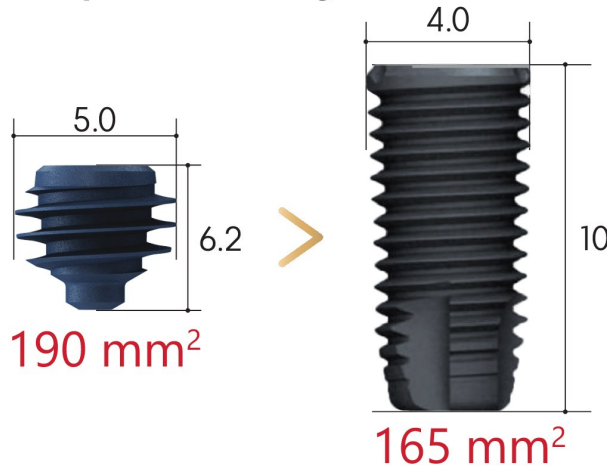
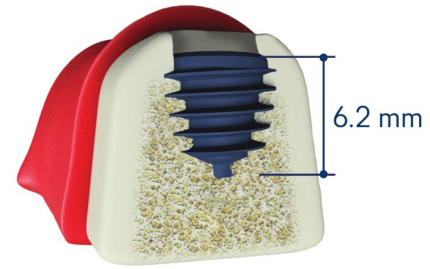


4.0 – 4.5



18.0

MEGA short and highly reliable implant by MEGA[®]GEN



Why
does it
work?

The bone to implant contact (BIC) is one of the main factors for initial stability

The bigger is the surface the higher is the stability

The short implant with bigger surface area will be as effective as a long implant with the same surface area

The length of the implant does not affect its survival rate in case of sufficient surface area

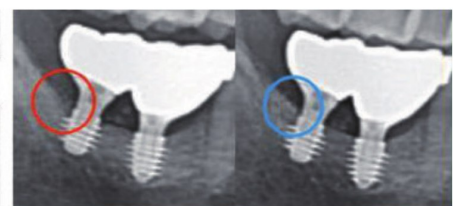
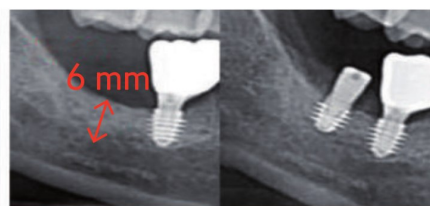
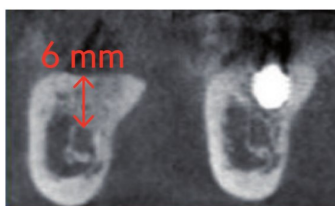
The ratio between the length of the implant and the height of prosthetic construction is not important either if there is a conical connection between implant and abutment and the platform switching

What
does it
give?

No need for bone grafting in case of insufficient bone height

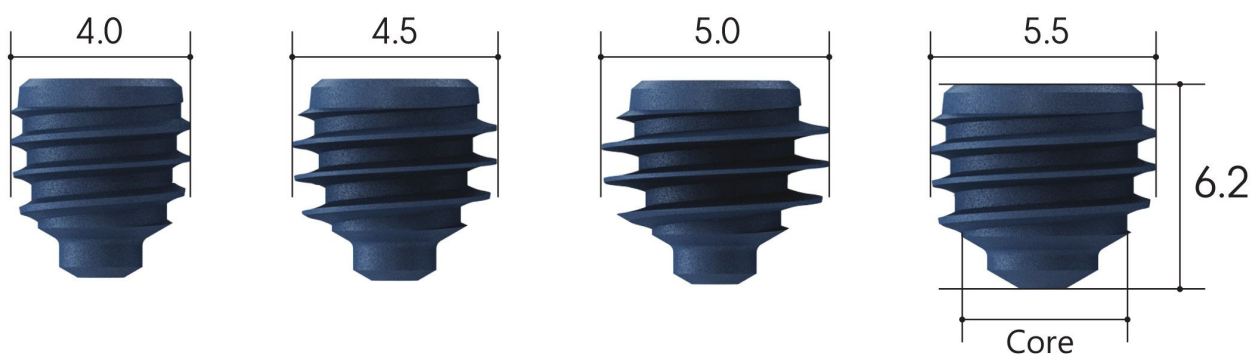
Shorter rehabilitation period

Decreased trauma after the surgery



For single tooth rehabilitations it is recommended to use the implants with the diameter:
4.0 / 4.5 / 5.0 / 5.5 mm

implant diameter	core diameter	Ref. C
Ø 4.0	3.3	FANIHX4007C
Ø 4.5		FANIHX4507C
Ø 5.0		FANIHX5007C
Ø 5.5		FANIHX5507C
Ø 5.5	3.8	FANIHX5507SC



SPECIAL OFFER

Get a set with stoppers as a **GIFT**
 when buying 15 short **AnyRidge** implants



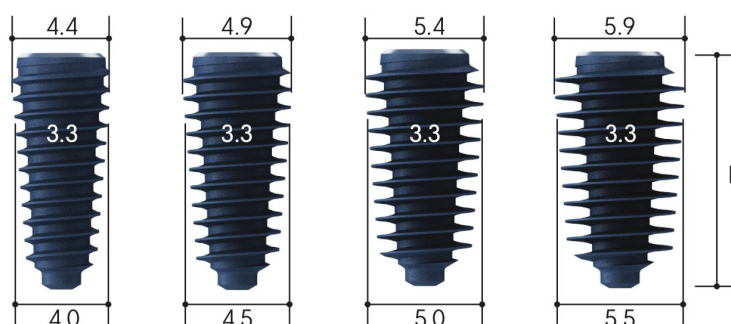
Dimensions of AnyRidge implants

diameter	length (mm)
3.5	7
	8.5
	10
	11.5
	13
	15



Max torque: 60 Ncm

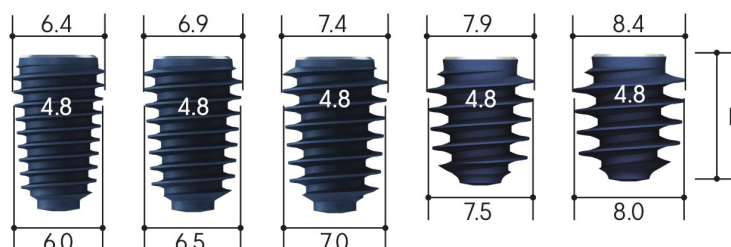
diameter	length (mm)
4.0	7
	8.5
4.5	10
	11.5
5.0	13
5.5	15
	18*



Max torque: 80 Ncm

* Available for diameters: 4.0 – 4.5

diameter	length (mm)
6.0	7
6.5	8.5
7.0	10
7.5	11.5
8.0	



Max torque: 80 Ncm

ATTENTION!

All AnyRidge implants are 0.8-0.5 mm shorter than the length written on the package
For example: the implant 4x7 is 6.2 mm long

Additional implant

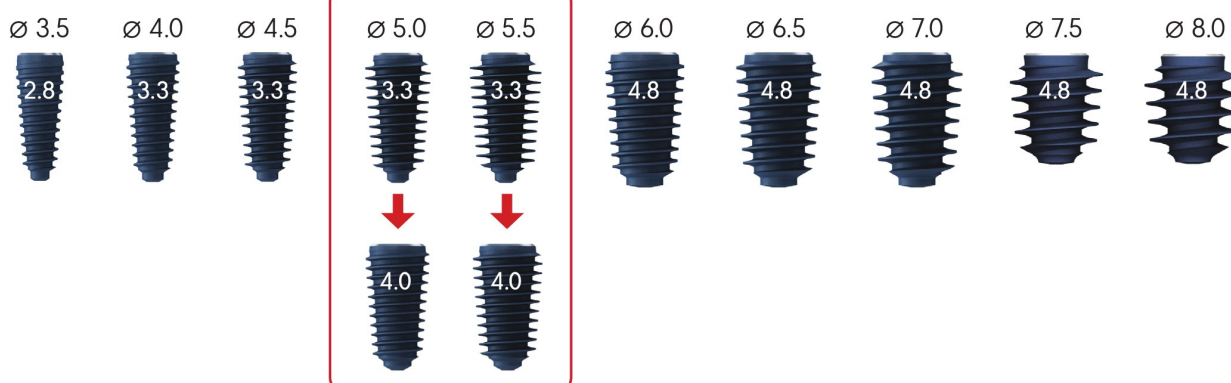
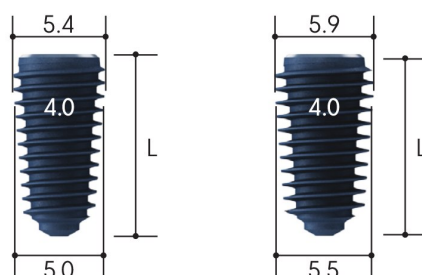
AnyRidge Core 4



Special implant with **body diameter 4 mm** and less aggressive thread

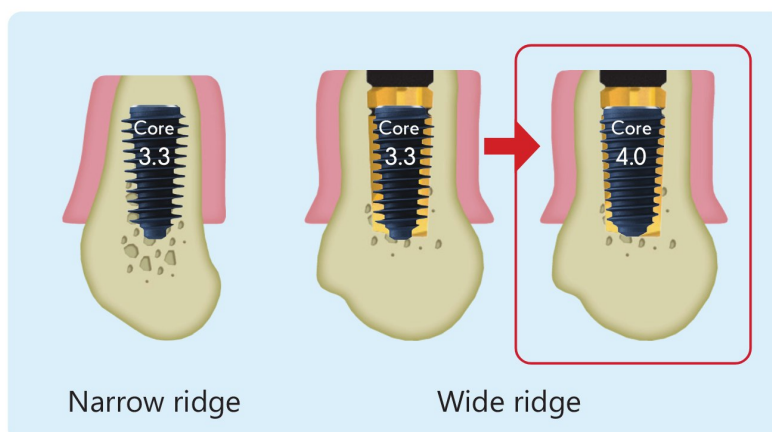
diameter	length (mm)
5.0	7
	8.5
5.5	10
	11.5
	13

Max torque: 80 Ncm



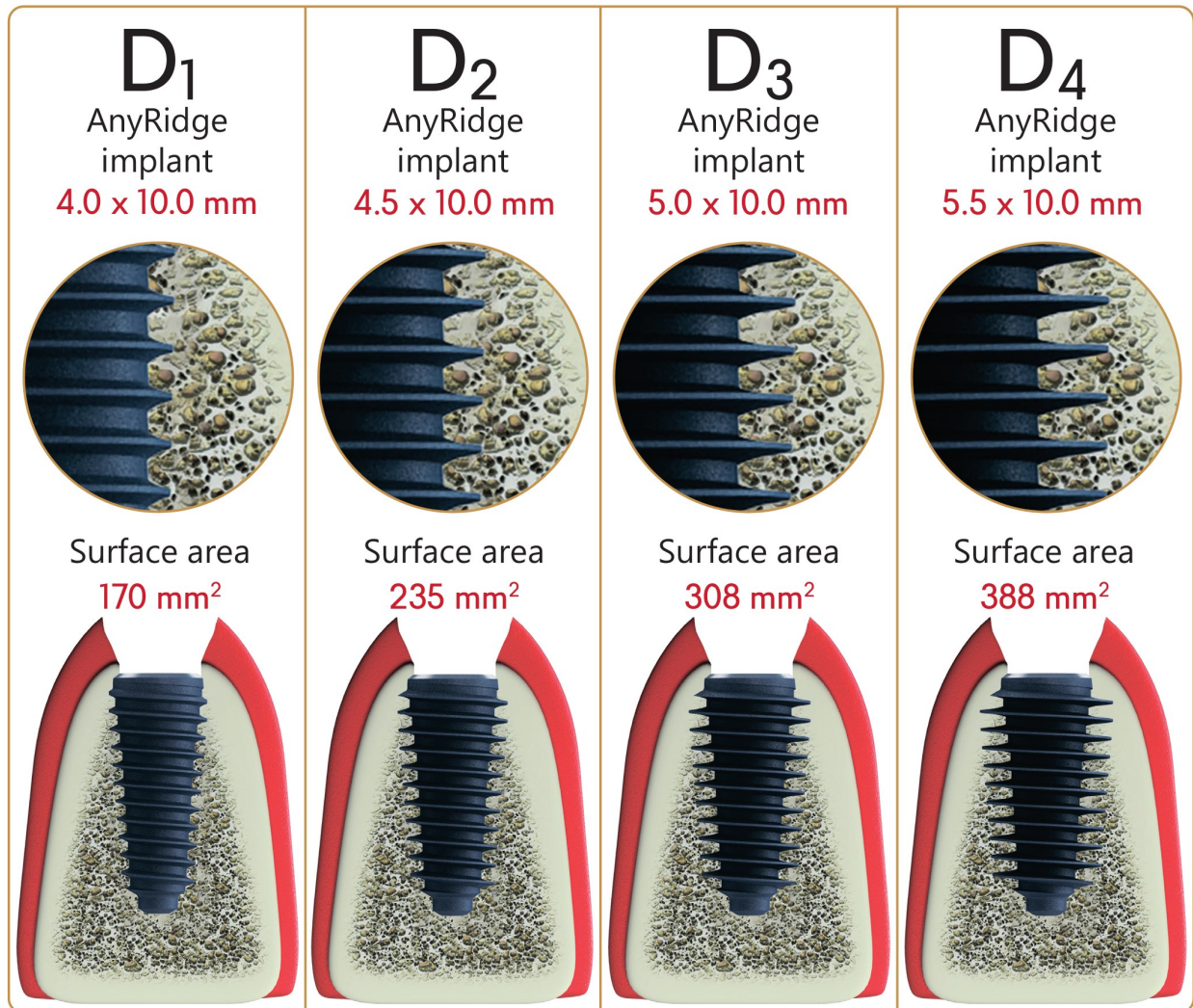
We recommend using **AnyRidge** implants with **4 mm body diameter** in the following clinical situations:

- In case of wide alveolar ridge
- If it is difficult to place AnyRidge implants with aggressive thread due to the higher bone density
- In case of high occlusal loading and long span constructions



The surface area of the implant plays a very important role

The bone tissue type defines the selection of implant diameter and subsequently the aggressiveness of the thread



AnyRidge implant system combines the most advanced principles of modern implant dentistry. It has increased the implant surface area by 30%. As you can see in the picture, the implant body has a diameter of 3.3 mm and remains constant. At the same time, the dimensions of the implant thread is increasing almost double-fold if we compare 4x10mm (170 mm²) implant and 5.5x10 (388 mm²) implant



The unique parameters of **AnyRidge** implant allows for achieving the best results of the surgical step in any clinical situation!

Surgical Protocol for AnyRidge implants

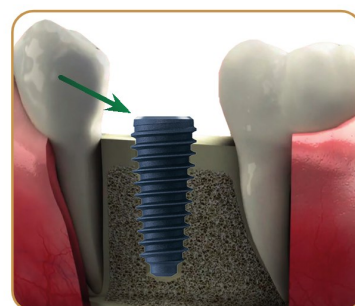
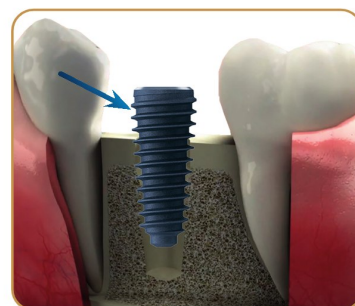
The settings for the surgical unit: 20-25 rpm, torque 40 Ncm

If the unit stops due to reaching the torque limit but the implant is not submerged to the planned depth —
see the instruction below:

Placement of the implant into the dense bone (D1 and D2)

More than one turn of implant thread is above the bone level

- Unscrew the implant with the help of Handpiece Connector or Ratchet Connector and prepare the implant bed with cortical drill to the bigger depth
- Place the implant
- Repeat the procedure if the placement torque goes over 50 Ncm but the implant remains over the bone with more than 1 thread turn



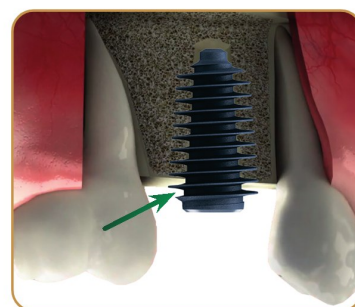
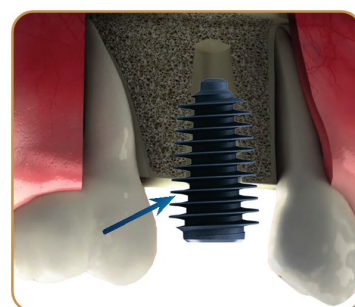
One thread turn or less over the bone level

- Increase the max torque settings on the surgical unit or apply more force to the Torque Wrench and place the implant to the planned depth (0.5-1 mm subcrestally)

Placement of AnyRidge implant into the soft bone (D3 and D4)

More than 2 implant thread turns are above the bone level

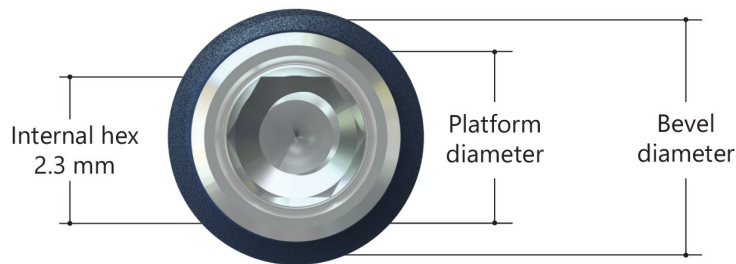
- Unscrew the implant and prepare the implant bed with the next diameter drill half the length. In such a way, you will remove only the cortical layer of the bone
- Place the implant



Two thread turns or less over the bone level

- Increase the max torque settings on the surgical unit or apply more force to the Torque Wrench and place the implant to the planned depth (0.5-1 mm subcrestally)

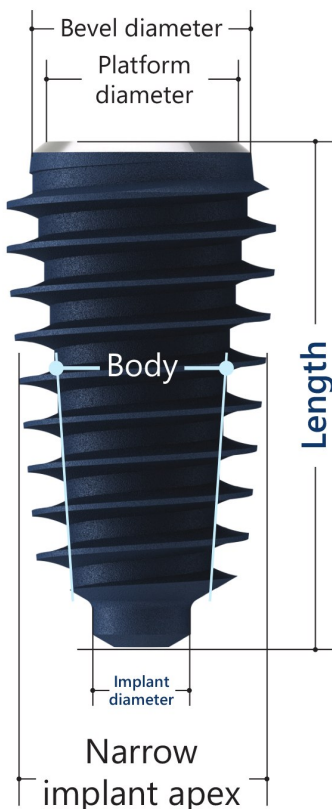
AnyRidge parameters



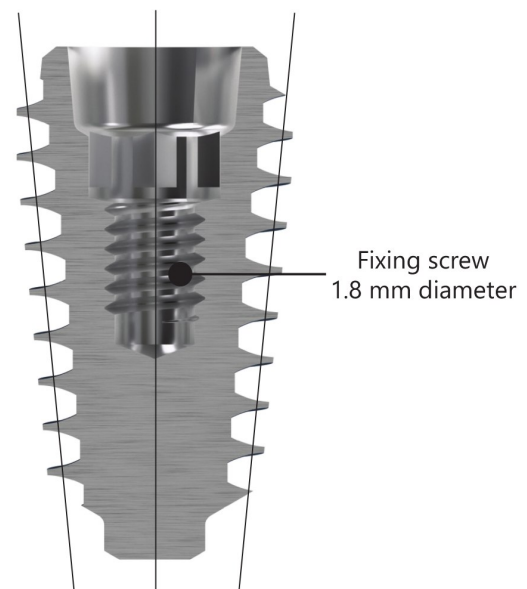
All AnyRidge implants have the same prosthetic platform

The increase of the implant body diameter leads to the increase of bevel size

Maximal thread diameter



The maximal diameter of the thread
for 3.5 diameter implant is 0.5 mm bigger
for 4.0 diameter implant is 0.4 mm bigger
* For example:
 $\text{Ø}3.5 = \text{Ø}3.5 \text{ (implant body)} + 0.5 \text{ (Knife Thread)}$
 $\text{Ø}4.0 \sim \text{Ø}8.0 = \text{Ø}4.0 - 8.0 \text{ (implant body)} + 0.4 \text{ (Knife Thread)}$



Implant diameter

3.5 mm Ø implant = 1.6 mm Ø apex
4.0-5.5 mm Ø implant = 1.8 mm Ø apex
6.0-8.0 mm Ø implant = 3.0 mm Ø apex

Length Real length of the implant

The implants with diameter of 3.5/4.0/4.5/5.0/5.5 mm are 0.8 mm shorter than the indicated length
The implants with diameter of 6.0/6.5/7.0/7.5/8.0 mm are 0.6 mm shorter than the indicated length

ATTENTION!

It is proven that if the implant is submerged subcrestally by 0.5 – 1 mm it decreases the stress of the cortical bone during surgical phase as well as during the function. AnyRidge implant does not require additional drilling for subcrestal placement.

For example: if it is written on the package of the implant that the length is 7 mm and the drill has the marking of 7 mm, in fact the implant has the length of 6.2 mm, so it means that the placement will be 0.8 mm deep subcrestally



High-end surface treatment technology

XPEEDActive

XPEEDActive : XPEED Activation with Plasma

Enhanced
hydrophilicity!

Technology creating
bone quickly!

Reactivating technology
to become a Just-made Implant
for fast osseointegration

Yes, we have!

Plasma X^{motion}

Regenerative Activator for
Various Types of Implant



Cover Screw & Healing Abutment

AnyRidge



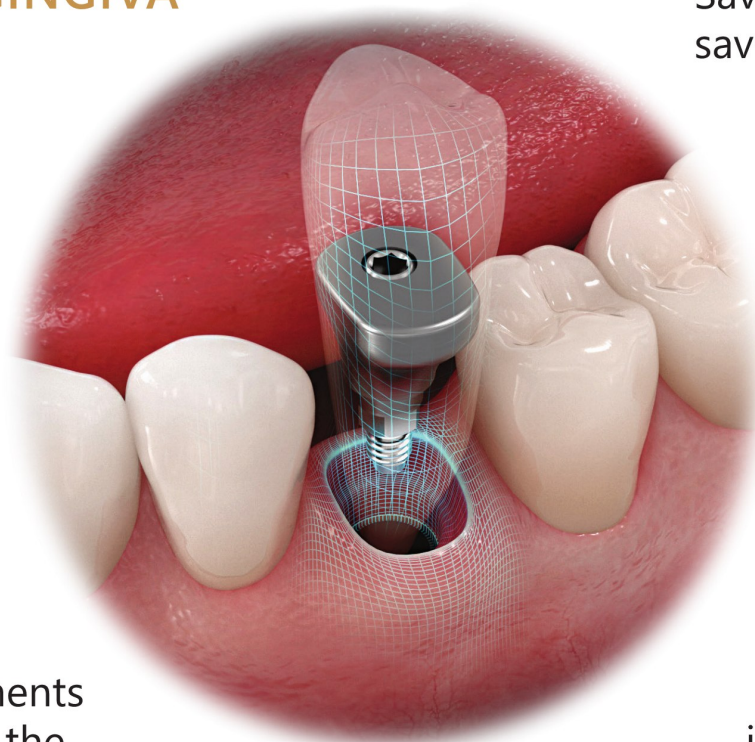
● Incisors, canines, premolars
 ● Molars
 ● Molars with immediate implantation

Anatomic healing abutment

OPTIMAL GINGIVA HEALING

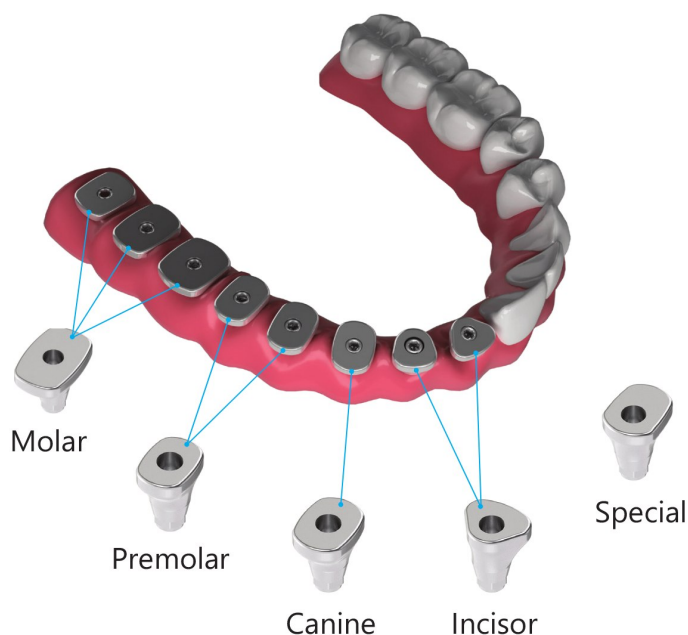
Saving time —
saving money!

AnyRidge
AnyOne
ST
Straumann
BLT / BL(RC)

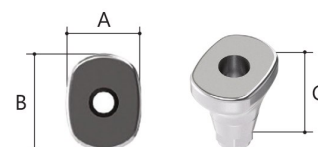


Healing abutments
correspond to the
teeth type

Maximum
information
during impression



Dimensions:



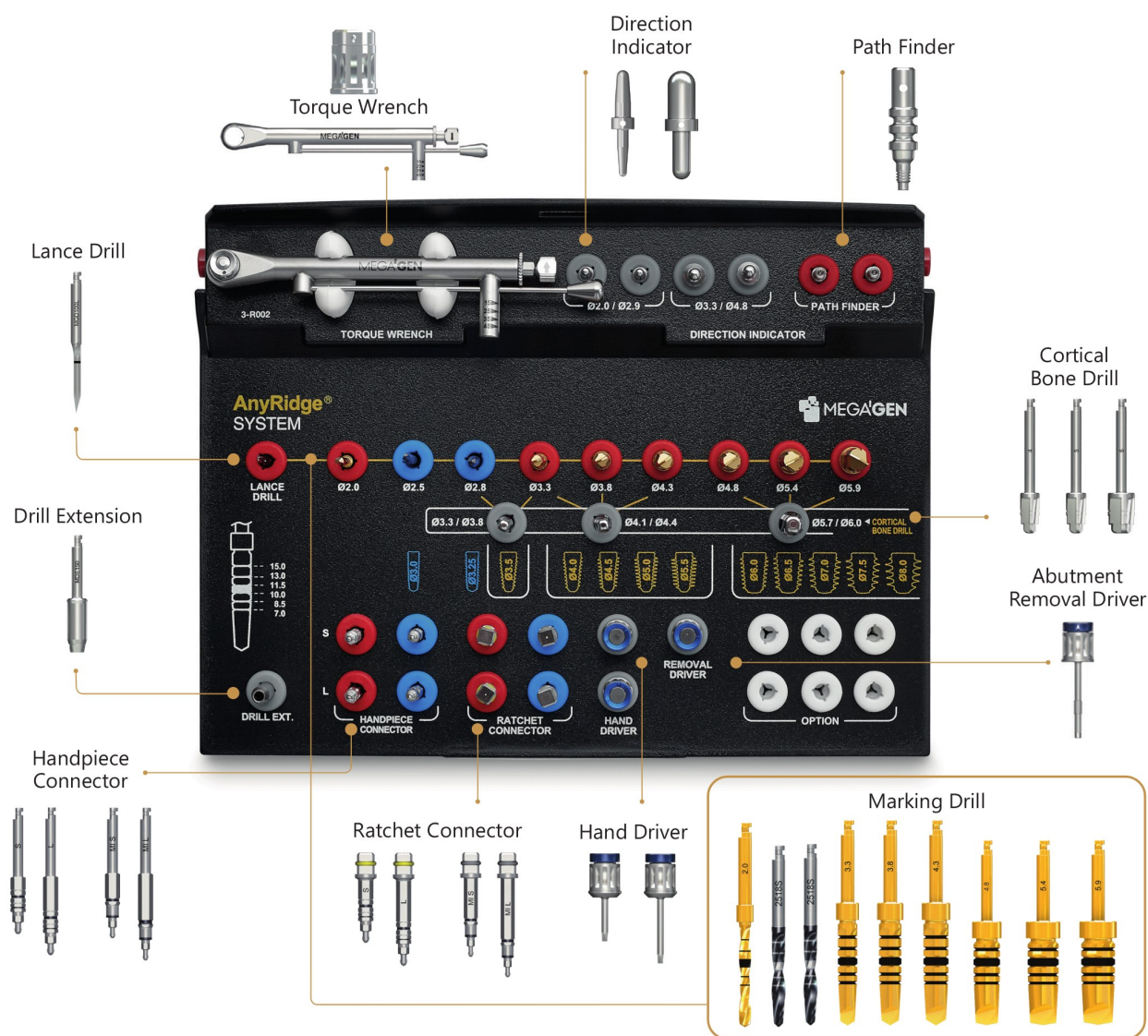
	A (mm)	B (mm)	C (mm)
Incisor #1	4.5	5.0	5.0
Incisor #2	4.5	5.0	7.0
Canine #3	5.0	5.5 (6.5)	5.0
Premolar #4	4.5	6.0	5.0
Premolar #5	4.5	6.0	7.0
Molar #6	6.0	8.0	5.0
Molar #7	6.0	8.0	7.0
Molar #8	7.0	9.0	5.0
Molar #9	7.0	9.0	7.0
Special #10	4.5	6.0	5.0
Special #11	4.5	6.0	7.0
Special #12	5.0	7.0	5.0
Special #13	6.0	8.0	5.0

SPECIAL OFFER
buy 10 pcs = **250 €**

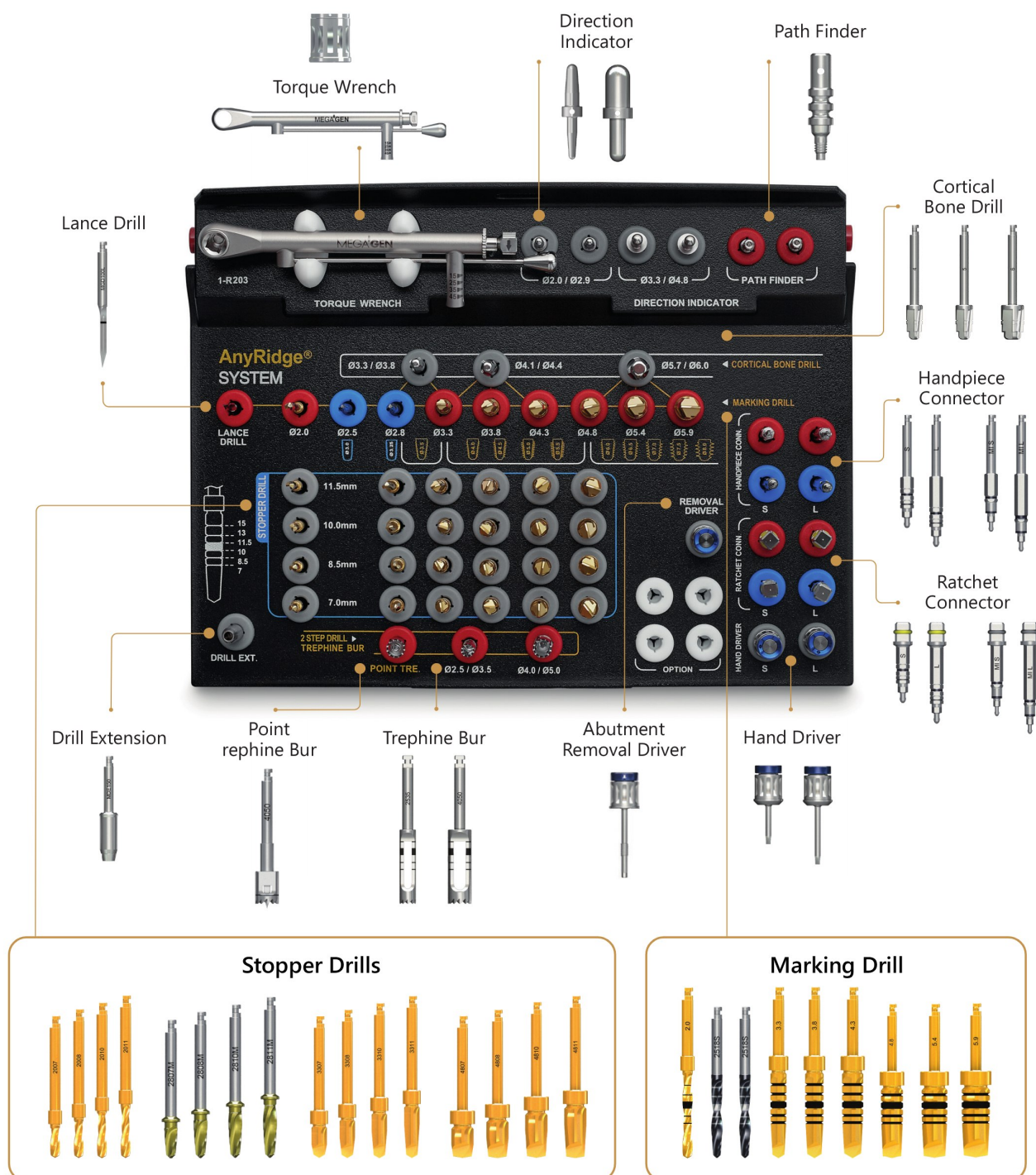
€ 30

AnyRidge Surgical Kit

Standard type



AnyRidge Surgical Kit Full Type



SURGICAL UNITS BY MEGAGEN



BESTSELLER

ÈLEC[™] engine

Foot control with buttons
Autoclavable irrigation lines
Torque adjustment
Fast settings



2000 €

LED handpiece included

The Original Technology from BienAir

Implant Engine MEG-ENGINE II

Clear & Concise Interface
Intuitive Navigation
Pre-set Surgical Protocols



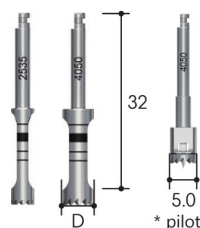
3000 €

LED handpiece included

AnyRidge Surgical Kit Components

Trephine

- Minimizes the time needed to prepare the bed for the wide implants
- Can be used to collect autogenous bone
- Can be used to remove implants
- Has depth markings (7, 8.5, 10, 11.5, 13 mm)



diameter
ø 3.5 (internal ø 2.5)
ø 5.0 (internal ø 4.0)
ø 5.0 (internal ø 4.0) – pilot *

Cortical Bone Drills

- Remove the excessive bone tissue at the area of implant platform
- Prevent excessive pressure to the bone tissue in the area of implant platform
- For convenience, each drill has two steps of diameter



diameter
ø 3.5
ø 4.0 - ø 5.5
ø 6.0 - ø 8.0

Abutment Removal Driver

- Removes abutment from AnyRidge implant
- Is inserted straight into abutment after crew removal
- Longer driver removes an abutment with cemented crown



length (mm)
17.5
25.0

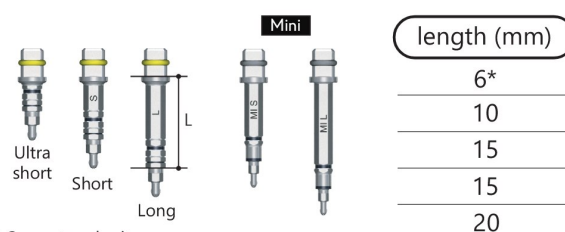
Handpiece Connector



* Separate sales item

Ratchet Connector

80 Ncm – maximum torque



* Separate sales item

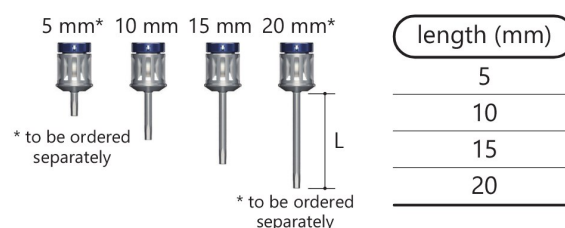
Torque Wrench & Adapter

- For placement of implants, fixation of abutment screws, healing abutments with the requested force
- Use with the Hand Drive



Hand Driver (1.2 mm)

45 Ncm – maximum torque



* to be ordered separately

* to be ordered separately

Long Manual Inserter

- For manual placement of implants during immediate loading in the anterior maxilla

* to be ordered separately

Ref. C TANMI



€ 140

Surgical part

Excellent primary stability even in D4 bone. During placement, **AnyRidge** progressively condenses the bone

1. Implant placement

Soft bone

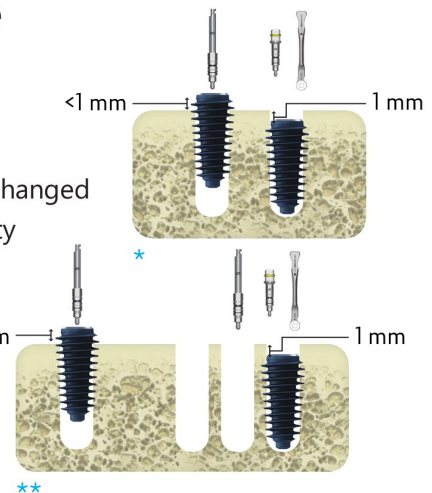
- The same implant body diameter — only the width of the thread is changed
- Allows for placing the implant in D4 bone with maximal initial stability

Hard bone

- The unique thread of the AnyRidge implant makes for placing the implant in hard bone even easier than traditional implants

ATTENTION!

The size of implant bed has to be almost equal to the implant diameter so that it does not jam in the bone before its complete insertion



Easy way

to avoid sticking in the bone during **AnyRidge** implant placement

- * Due to extremely strong initial stability of AnyRidge implant, it can stick in the middle during placement especially in hard mandibular bone. Please consider 'One millimeter Rule' to avoid this in the best and easiest way. Clinician should customize the drilling sequence once he fully understands the concept and characteristics of AnyRidge system to get preferred initial stability. 'One millimeter Rule' — is simple; if an implant engine (40Ncm) stops reaching one millimeter above the crest, use the Ratchet Wrench to screw it down to the preferred position. We recommended to place an implant platform 0.5~1.0mm under the crest

- ** If an implant sticks in the middle, leaving more than 1mm above the crest in hard bone (D1 and D2), it is recommended to remove it using a wrench and then to drill additionally with the help of the cortical bone drill. Then, place the same implant into the enlarged implant bed

2. Intuitive drilling protocol

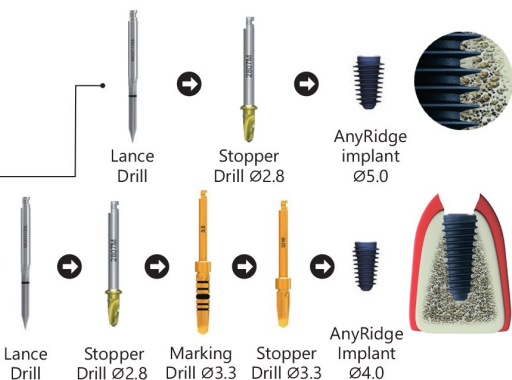
First example:

A 5.0 mm implant can be placed in Ø2.8 mm implant bed in case of D4 bone

It will result in excellent initial stability

Second example:

It is recommended to prepare the implant bed 0.1-0.3 mm smaller than the implant body in case of D1 and D2 bone



3. Aggressive thread allows for changing the direction of implant insertion during its placement

AnyRidge implant systems has an intuitive drilling protocol

AnyRidge implant system uses intuitive drilling sequence. The unique implant design and progressive Knife Thread gives you an opportunity to customize the drilling sequence depending on the quality of bone tissue and thus to obtain an excellent initial stability of the implant

The ideal way to get high initial stability for AnyRidge implant: use the surgical engine to place an implant so that it is located 1-2 mm above the crest and using the ratchet wrench deepen the implant to the needed depth (0.5-0.1 below the crest)

Soft Tissues Support

Unique and thoughtful design provides a long-term result

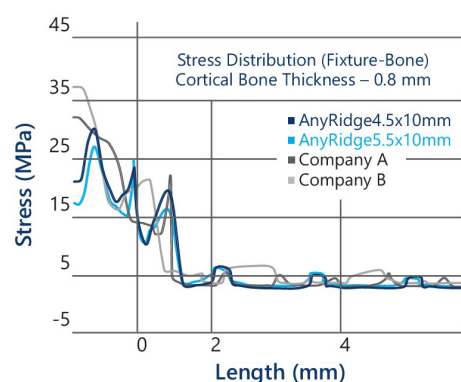
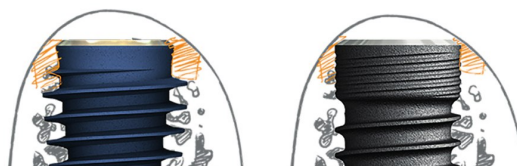
Guaranteed preservation of cortical bone and good stability

AnyRidge does not depend on cortical bone for initial stability. A decreased stress on cortical bone helps to prevent bone resorption in the area of the implant platform.

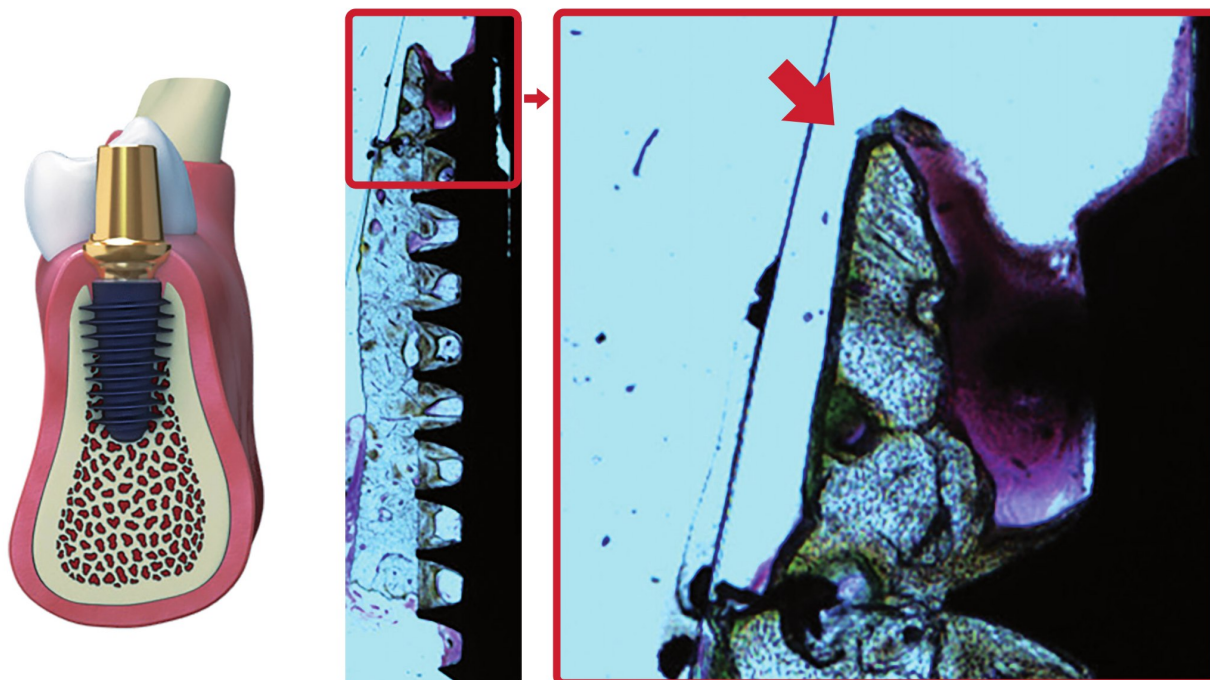
- = More cortical bone
- = Bigger volume of soft tissues
- = Anatomic contour of the gingival line

Advanced coronal design of the implant preserves cortical bone next to the implant platform.

After fixing a prosthetic construction, you will get a beautiful contour of the gingival line around the implant. Preserves the contour of cortical bone and improves clinical prognosis.



Performed Finite element analysis to evaluate the fixture-bone stress using ABAQUS 6.8 - R&D center in MegaGen Implant Co., Ltd. (2009)



A Human tissue biopsy (2.5 years after implant placement)

The sharp and high alveolar crest (red arrow) is maintained due to biology-driven implant design. With this maintenance of the alveolar bone, the peri-implant marginal gingiva showed almost no recession during 2.5 years of follow-up, even in the case of limited ridge width.

Prosthetic Part

Great esthetic outcomes owing to the wide variety of prosthetic components

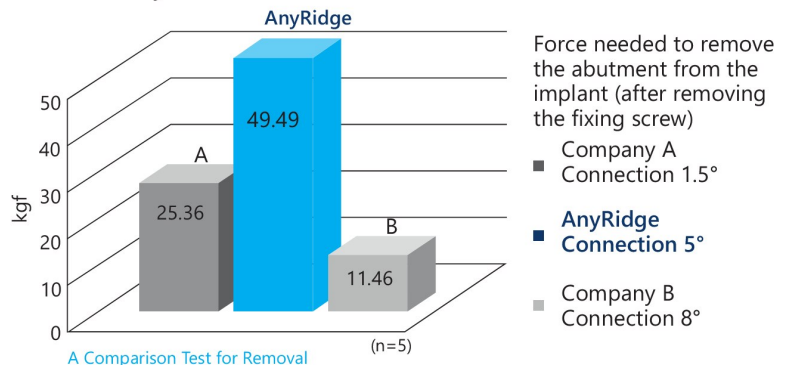
The fixing screw does not loosen anymore!

1

The fixing screw does not loosen

Magic Five (5° conical connection)

Conical connection provides the absence of microgaps between an implant and abutment and also helps to preserve the bone tissue where the implant is placed subcrestally



Helps to achieve beautiful and esthetics result and to avoid the gingival recession

2

S-line abutment emergence profile

3

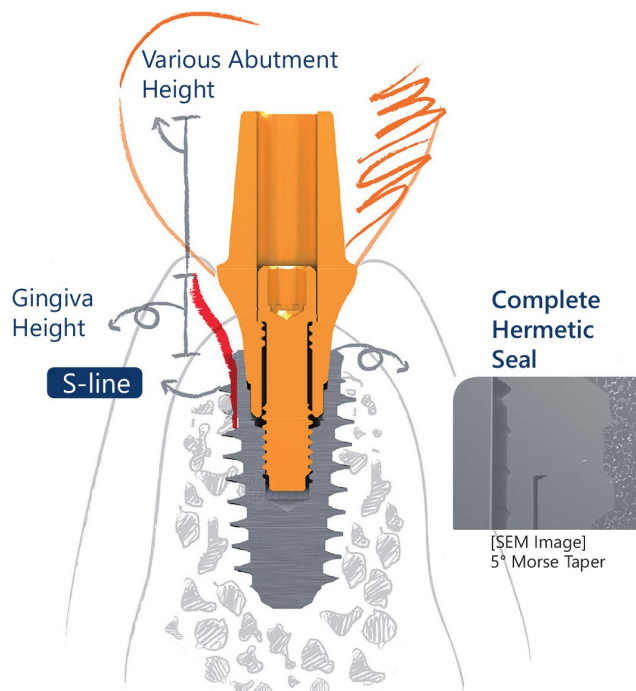
Single prosthetic platform

For all **AnyRidge** implants you can use the same healing abutments, transfers and abutments

4

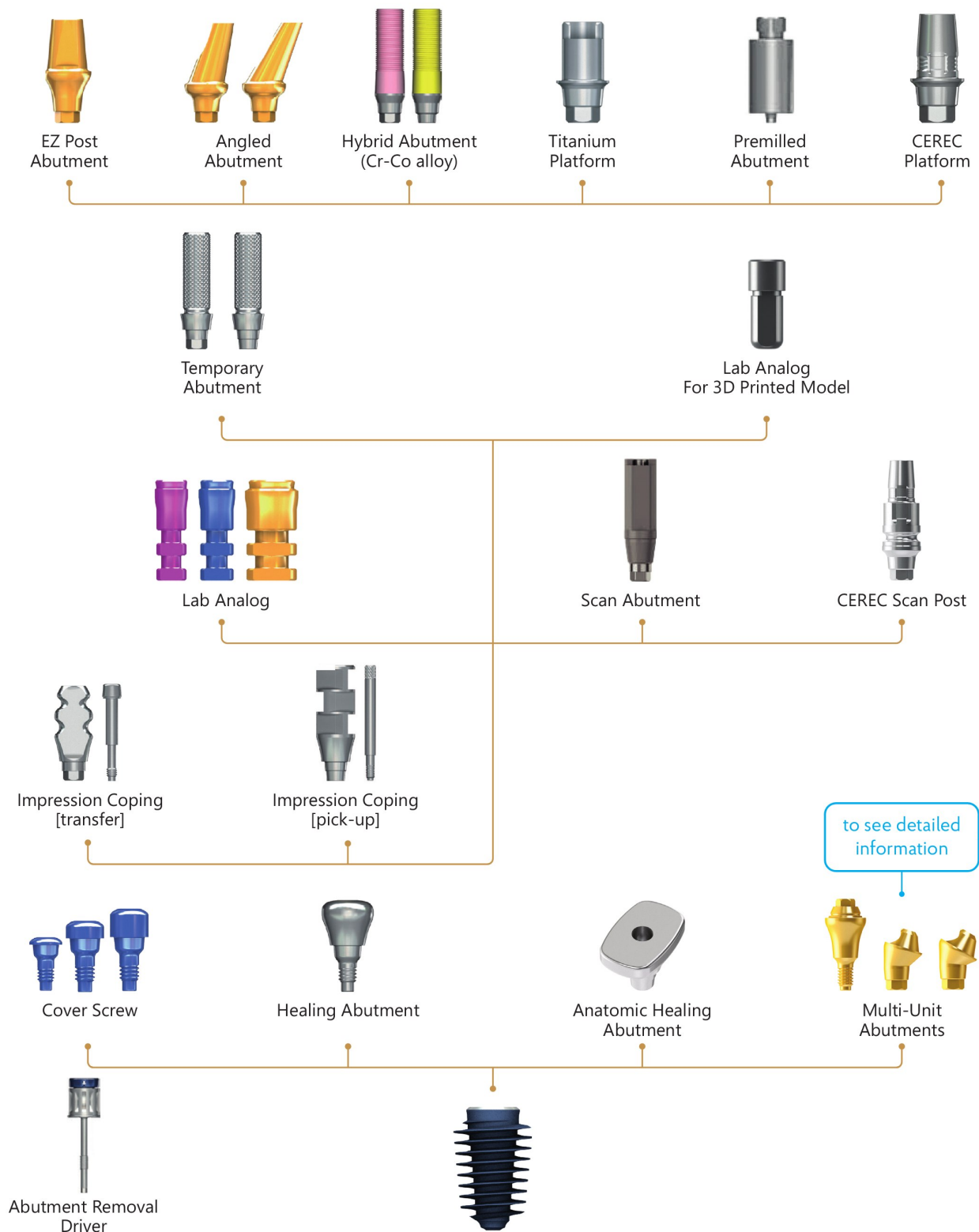
Any complexity prosthetic reconstructions

Use only original MEGAGEN components to get the best result



Implant Level Prosthetic Restorations

AnyRidge implants have the single prosthetic platform, so an abutment of any diameter is compatible with any implant



Standard AnyRidge Abutments

Straight EZ Post Abutment

Including 2 fixing screws:

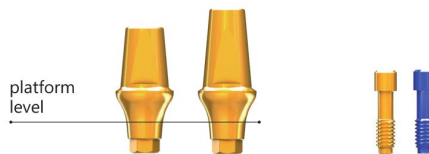
blue – lab

golden – clinical

35 Ncm – recommended torque
for the fixing screw

- Fix by a Hand Driver (1.2 Hex)
- Wide choice of profile diameters

Ø	cuff height	Ø	cuff height	Ø	cuff height	Ø
Ø 4.0	2	Ø 5.0	2	Ø 6.0	2	Ø 7.0
	3		3		3	
	4		4		4	
	5		5		5	



€ 50

Angled Abutment

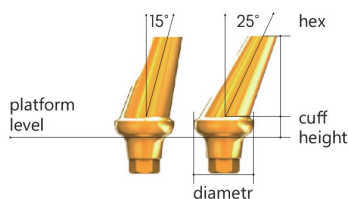
Including 2 fixing screws:

blue – lab

golden – clinical

35 Ncm – recommended torque
for the fixing screw

Ø	gingival height (mm)	type	angle	Ø	gingival height (mm)	type	angle
Ø 4.0	2	HEX	15°	Ø 5.0	2	HEX	25°
	3				3		
	4				4		
	5				5		



€ 60

Impression Copings

Impression Coping for Open-tray Technique

- When taking impression from several implants it is recommended to splint the copings between them
- Protruding parts of the impression copings have well-defined retention points for better fixation in the impression material

Ø	height (mm)
Ø 4.0	12
	16
Ø 5.0	7
	12

€ 40

Impression Coping for Closed-tray Technique

- Diameters of the Impression Copings correspond to the diameters of the Healing Abutments
- Used for taking combined impressions (teeth and implants)

Ø	height (mm)
Ø 4.0	12
	16
Ø 5.0	12
	16

€ 40

Prosthetic Components

Lab Analog

Ø	color	Ref. C
Ø 3.5	magenta	AANLAF35
Ø 4.0-5.5	blue	AANLAF4055
Ø 6.0-8.0	yellow	AALLAF6080



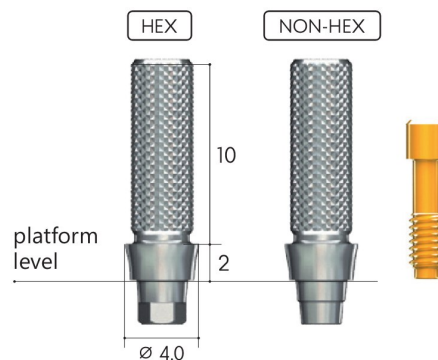
€ 14

Temporary Abutment

Fixing Screw included

35 Ncm – recommended torque for the fixing screw

- For temporary crowns
- Available with and without hex
- The ribbed surface gives better retention for wax and acrylic



€ 30

Hybrid Abutment (Cr-Co alloy)

Including 2 fixing screws:

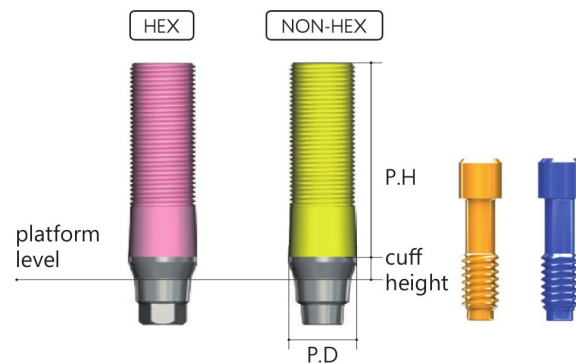
blue – lab

golden – clinical

35 Ncm – recommended torque for the fixing screw

Is used to make customized abutments by casing nonprecious alloys (Ni-Cr, Co-Cr)

Color-coded burn-out plastic copings for casing



€ 50

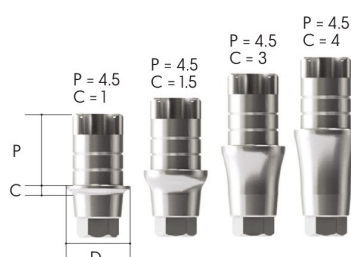
Components For Customized Abutments **AnyRidge**

Titanium Platform

Fixing screw (AANMSF) included

35 Ncm – recommended torque for the fixing screw

- Titanium platform Supporting Dental CAD systems:
 - 3Shape
 - Exocad
 - Dental Wings



Ø	cuff height	post height	type	Ref. C
4.0	0.6	4.5	HEX	AAINPR4015T
			NON-HEX	AAINPR4015N
4.0	1.5	4.5	HEX	AAINPR4025T
			NON-HEX	AAINPR4025N
4.0	3.0	4.5	HEX	AAINPR4035T
			NON-HEX	AAINPR4035N
4.0	4.0	4.5	HEX	AAINPR4045T
			NON-HEX	AAINPR4045N
4.0	0.6	6.0	HEX	AAINPR4016T
			NON-HEX	AAINPR4016N
4.0	0.6	8.0	HEX	AAINPR4018T
			NON-HEX	AAINPR4018N
4.0	1.5	6.0	HEX	AAINPR4026T
			NON-HEX	AAINPR4026N

€ 40

AnyRidge pre-milled blanks for abutments

Fixing screw (AANMSF) included
35 Ncm – recommended torque for the fixing screw

- Original Pre-milled Blank



system	Ø	h	type	Ref. C
AnyRidge	12	20	HEX	ARTR1220

€ 40

Titanium platform for Multi-Unit Abutment

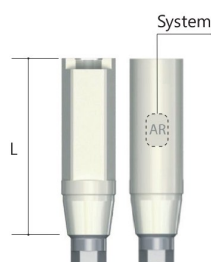
Fixing Screw (MUAS)
Included



system	Ø	h	type	Ref. C
Multi-Unit	4.8	4	short #1	MUACCMML
	5.5	6	wide #2	AMUAPR5515N

€ 40

Scan-Abutment



system	Ø	h	Ref. C
AnyRidge	4.0	9	AANISR4009T
		13	AANISR4013T
Multi-Unit	4.0	13	AMUASR4013T

€ 40

Titanium Platform For CEREC System

Fixing screw (AANMSF) included

35 Ncm – recommended torque
for the fixing screw

- Ti-base for Sirona CEREC Users
- Fully Compatible with Xive Library in In Lab CAD

Ø	cuff height	post height	type	Ref. C
3.9	0.5*	4.5	S-block	ARCS3405
	1.0			ARCS3410
	2.0			ARCS3420
4.3	0.5*			ARCS3805
	1.0			ARCS3810
	2.0			ARCS3820
5.5	0.5*		L-block	ARCL4505
	1.0			ARCL4510
	2.0			ARCL4520

ATTENTION!

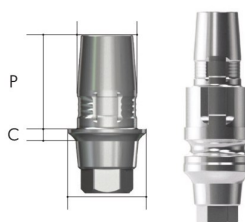
The Scanpost is designed to be used only for the platforms 0.5 mm high

For the platforms with the height of 1 and 2 mm, please, use the scanning technique from the platform level with the help of Scanbody



Libraries for the dental laboratories
can be downloaded from our website

www.megagen.hr



€ 40

Lab Analog For 3D Printed Model



system	type	Ref. C
AnyRidge	implant Ø 4.0 - 7.0	CANIAR4009
Multi-Unit	—	MUALA

€ 14

911kit

- Implant Removal
- Removal of fractured screw fragments
- Removal of fractured abutments
- Removal of screws with a damaged hex



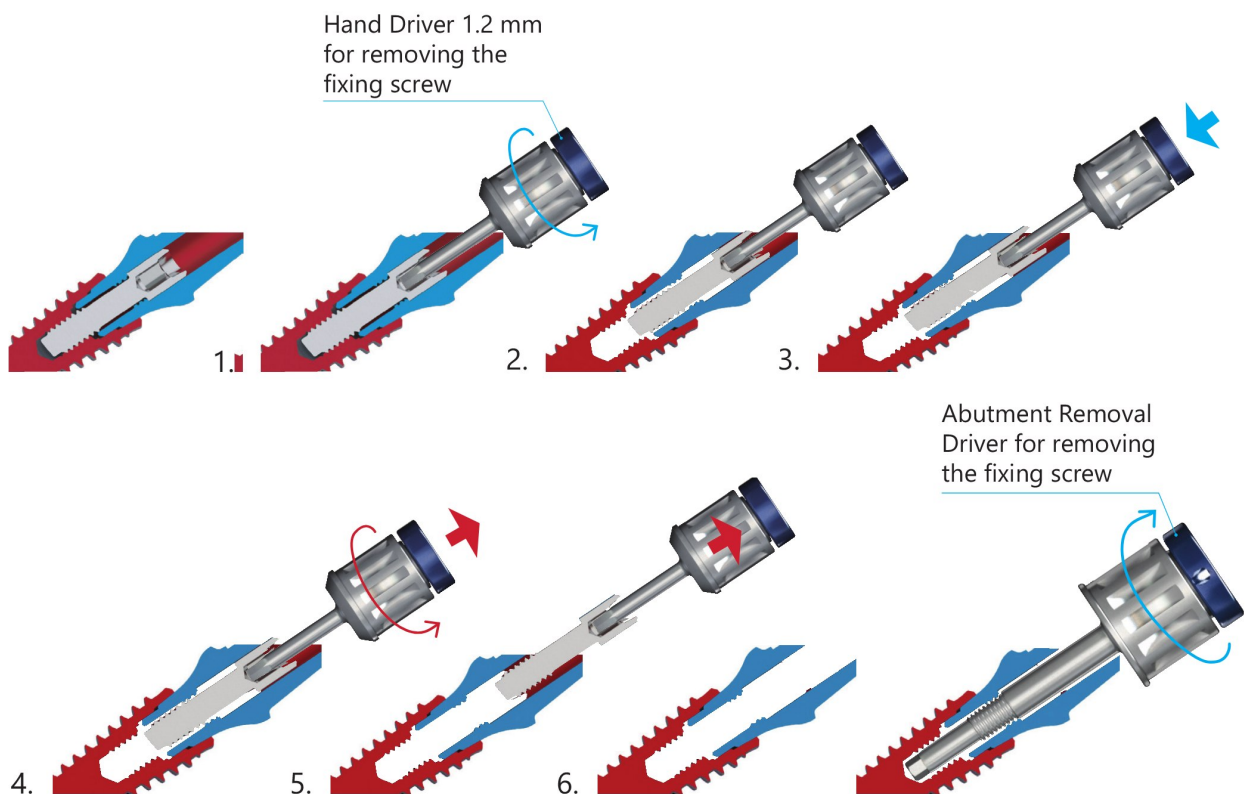
Compatible with any implants

€ 950

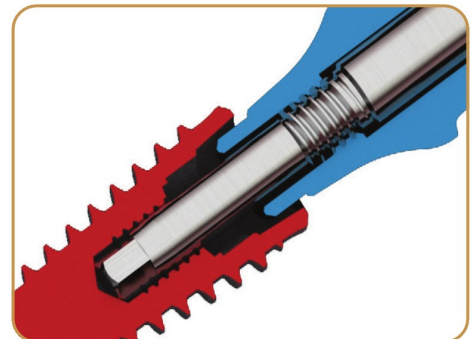
How to remove a permanent abutment from an implant?

The strong fixation of permanent abutment to the implant prevents the screw loosening

Please, use special Abutment Removal Driver



1. Use a Hand Driver (1.2 mm) to unscrew the fixing screw
2. Completely unscrew the screw from the internal thread of the Abutment
3. Push down the Hand Driver once again to catch and fix the Abutment Screw
4. Continue to turn the Hand Driver counter-clockwise until Abutment Screw disengages with the inner screw of Abutment
5. Remove Abutment Screw completely from the abutment
6. Insert the Abutment Removal Driver and continue to turn clockwise until the Abutment comes out of the Implant

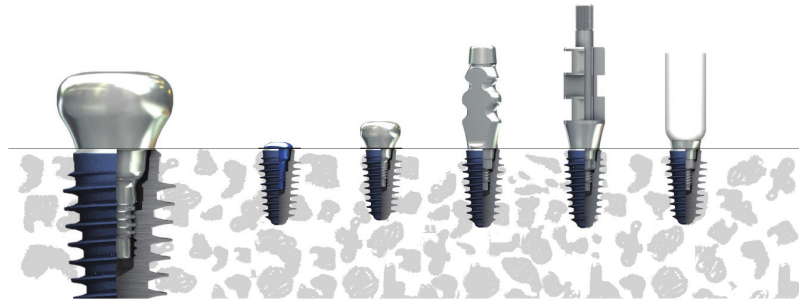


We recommend to use the Abutment Removal Driver only for the removal of permanent abutments from implants

Two Different Connections Between an Implant and a Component

1

All transitional and temporary abutments have special 'ledges' on the bottom



- Cover Screws, Healing Abutments, Impression Coping (Transfer and Pick-Up Type), Temporary Cylinders have ledges on the bottom which prevent from cold welding with an Implant
- Components are to be fixed by screws without excessive force

2

All permanent abutments will make strong connections with implants, even with finger force!



- 25-35 Ncm is the recommended force to connect permanent components
- A Fixed Abutment cannot be removed with finger force because of the perfect cold welding effect. To remove a Permanent Abutment, Abutment Removal Driver should be used