

Portfolio





Together for health

Ziacom® has been working for more than 15 years to improve the **oral health** and well-being of patients around the world by **designing and manufacturing innovative**, high-quality dental implant, prosthetic component, surgical instrument and biomaterial solutions.

The company was founded in 2004 with **100% Spanish capital** and began its activity as a manufacturer of dental implants and attachments for several European companies before later launching its own **brand of implant systems** in 2006.

Ziacom® quality

Commitment to **quality and innovation** has been part of the values and the essence of Ziacom® since the beginning.

That is why we use state-of-the-art technology in **every stage of our products' production cycle**, from **design and manufacture to quality assurance, cleaning and packaging**. All of our products are also manufactured using only **high-quality raw materials** after applying **strict controls to select** our main suppliers.

Ziacom Medical SL is a **licensed manufacturer of medical devices** and the **marketing authorisation** 6425-PS from the AEMPS (Spanish Agency for Medicines and Medical Devices) as well as our **quality management system are certified** in accordance with

In 2015, Ziacom® introduced its **diversification strategy** with the development of **new business lines** and new product lines and the launch of a **new portfolio**, which helped the company achieve a **15% share of the Spanish market** in 2016 with the sale of more than 230,000 implants.

In 2022, the company has started up an **ambitious growth plan** with new goals of **international expansion**, broadening and **diversification** of its portfolio **of products and services** and a change in corporate identity.

the requirements of ISO standards 9001:2015 and 13485:2016, and is also GMP 21CFR 820 compliant.



Thanks to our ceaseless endeavours to offer our clients unsurpassable quality, all our implants have a **lifetime guarantee**.

See the General Conditions for Accessing the Guarantee for Ziacom® products.

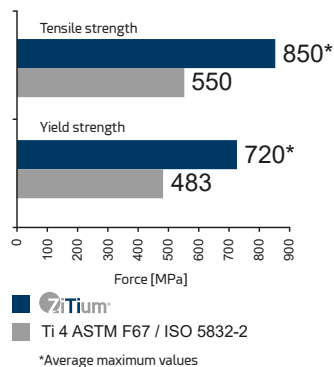
The Company

Zitium® titanium

We ensure maximum quality by making all of our implants from **extra-high-strength, grade 4 Zitium® titanium**, which gives them a **substantially improved yield strength and mechanical properties**.

Thanks to **Zitium® titanium**, our implants meet the requirements of ASTM F67 and ISO 5832-2 and are certified in accordance with Council Directive 93/42/EEC and its amendment Directive 2007/47/EC by notified body 0051.

Properties of Zitium® titanium



Ziacom® implants are all sterilised using beta ray radiation at 25 kGy, apart from the DSQ orthodontic implants, which are supplied **unsterilised**.



FDA Approved

*See approved models

IMPORTANT

All the products (except dental implants) listed in this Ziacom® catalogue are supplied unsterilised and must be sterilised before use.



Investment in innovation and training

In order to always offer the very best solutions for the **well-being of every patient**, and thanks to the experience and dedication of our **highly-qualified professionals** and **innovative Technological Centre**, our R&D&I team works incessantly in the field of **research and innovation** to **improve** our products and develop **new solutions** to meet the demands and needs of both patients and dentists.

We also invest in **research** and **ongoing training** as a way of providing **scientific support to the sector** and we firmly believe in training **young professionals** to best ensure **advances in the dentistry field**.

We therefore work closely with **training centres, universities and scientific bodies** to create a practical and specialised teaching environment to promote and strengthen their knowledge, abilities and professional growth.

In order to enhance our investment in the training and **development of dental professionals**, we have **specific areas at our facilities** for **hands-on training and practicals, state-of-the-art training equipment** and also a **physical and virtual showroom** where professionals can see all our dental solutions first hand.

Ziacom® around the world

We are committed to making oral health available to patients all over the world and have a solid **internal growth and expansion plan** to increase the company's **international presence** in those **areas where our products are already well-established** and to **expand into new areas**.

In order to achieve this, we offer our **international associates** a **trusting and collaborative** partnership by adapting to their **local needs** and providing solutions that are specific to each market.

As part of our commitment to meet the specific **quality, regulatory and legal requirements of each country**, for both the registration and distribution of our products, we have **specific certifications** from each of the countries in which we trade.

Regional headquarter

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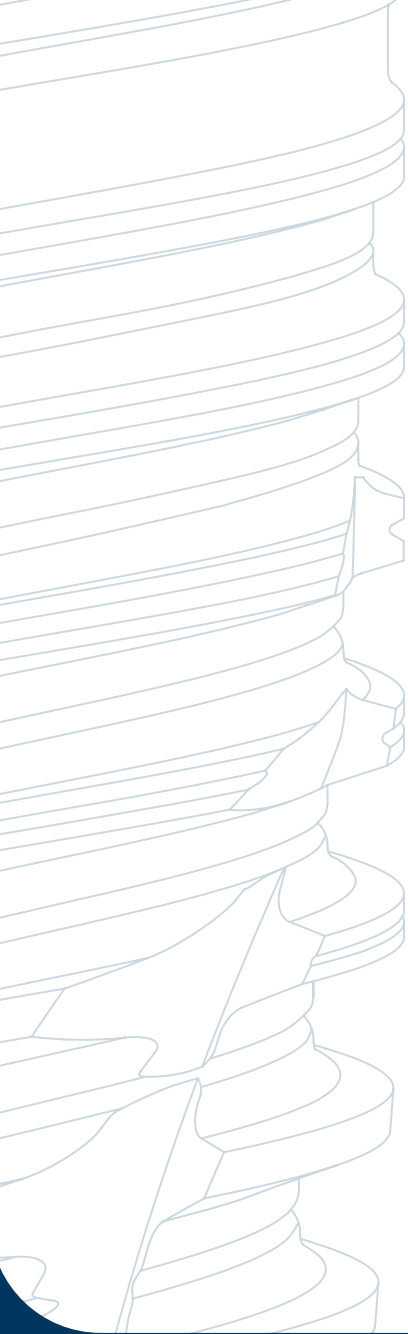
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Please see the up-to-date list of Ziacom® distributors at www.ziacom.com or email us at export@ziacom.com





Portfolio

Conical connection implants

Ø DIAMETER	Ø PLATFORM	LENGTH (L)							
		6	7	8.5	10	11.5	13	14.5	
RP 3.40	2.85								
RP 3.70									
RP 4.00		N	N						
RP 4.30		N	N						
RP 4.80		N	N	N	N	N	N	N	

Dimensions in mm.

N New product. Check availability.

IMPORTANT

For further information and recommendations for use, see the catalogue.

CONNECTION

- 11° conical connection with double internal hex.
- Single platform for all diameters.
- Platform switch.

CORTICAL ZONE

- Microrings.
- Inverted cone cortical macro-structure.

CONICAL BODY

- Double threaded.
- Variable geometry:
 - » Coronal - thick trapezoidal thread.
 - » Middle - thinner trapezoidal thread.
 - » Apex - V-shaped thread.

APEX

- Oblique apical windows.
- Self-tapping active apex.
- Atraumatic rounded apex.

GALAXY



11° conical connection with double internal hex



Active apex

Surface treatment

Titanasure
Titanasure
Active



Dental implants

ZV2



11° conical connection
with double internal hex



Atraumatic apex

Surface treatment

Titansure

Conical connection implants

Ø DIAMETER	Ø PLATFORM	LENGTH (L)				
		6	8	10	12	14
■ RP 3.40	2.85					
■ RP 4.10						
■ WP 4.80	3.85					

Dimensions in mm.

IMPORTANT

For further information and recommendations for use, see the catalogue.

CONNECTION

- 11° Morse taper connection with double internal hex
- Tapered seal
- Tapered friction
- RP and WP platform
- Platform switch.

CORTICAL ZONE

- Shoulder designed for crestal placement.
- Slightly tapered core in the coronal region.
- Thread reduces towards the platform
- 0.20 mm bevel (apart from the 3.40 mm diameter implant, which has a 0.15 mm bevel)

BODY

- Active threads with 0.80 mm thread pitch.
- Optimised cylindrical morphology.
- Atraumatic apex.

CYLINDRICAL DESIGN

- Versatile, appropriate for all positions.
- Available in narrow 3.40 mm diameter
- Morphology allows for surgical compatibility

Conical implants with internal hex connection

Ø DIAMETER	Ø PLATFORM	LENGTH (L)						
		6	7	8.5	10	11.5	13	14.5
● NP 3.30	3.20			N	N	N	N	N
● RP 3.60	3.50							N
● RP 4.00		N	N					N
● RP 4.40		N	N					N
● WP 4.80		N	N					

Dimensions in mm.

N New product. Check availability.

IMPORTANT

For further information and recommendations for use, see the catalogue.

CONNECTION

- Internal hex connection.
- Depth of the prosthesis hex 1.5 mm.
- Tapered bevel.
- Tapered friction
- Platform switch.

CORTICAL ZONE

- Machined 0.4mm ring
- Microthread design: preserves marginal bone.
- Microthread extension.
- Macro-structure.

BODY

- Reduced-angle active threads
- Double threaded.
- Self-tapping active apex.
- Perpendicular apical windows.
- Optimised morphology.
- Atraumatic apex.

CONICAL DESIGN

- Facilitates shaping in low density bone.
- Indicated for immediate loading.
- Indicated for cases of apical convergence and/or collapse.

ZINIC[®]MT



Internal hex prosthetic connection



Active apex

Surface treatment

Titanasure
Titanasure
Active



Dental implants

Zinic®



Internal hex prosthetic connection



Active apex

Surface treatment

Titaniumsure

Conical implants with internal hex connection

Ø DIAMETER	Ø PLATFORM	LENGTH (L)				
		8.5	10	11.5	13	14.5
● NP 3.30	3.20					
● RP 3.70	3.50					
● RP 4.00						
● RP 4.30	4.50					
● WP 4.60						
● WP 5.00						

Dimensions in mm.

IMPORTANT

For further information and recommendations for use, see the catalogue.

CONNECTION

- Internal hex connection.
- Depth of the prosthesis hex: 1.5mm.
- Tapered bevel.
- Tapered friction
- Platform switch.

CORTICAL ZONE

- Microthread design
- Microthread extension.
- Macro-structure.
- 0.2 mm machined segment on bevel

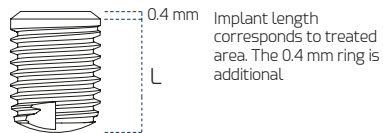
BODY

- Reduced-angle active threads
- Double threaded.
- Self-tapping active apex.
- Perpendicular apical windows.
- Optimised morphology.
- Atraumatic apex.

Conical implants with internal hex connection

Ø DIAMETER	Ø PLATFORM	LENGTH (L)	
		6	7
● RP 4.75	3.50		
● WP 5.25	4.50		

Dimensions in mm.



Zinic[®] SHORTY



Internal hex prosthetic connection



Active apex

Surface treatment

Titanasure



IMPORTANT

For further information and recommendations for use, see the catalogue.

CONNECTION

- Internal hex connection.
- Depth of the prosthesis hex: 1.5mm.
- Tapered bevel.
- Tapered friction
- Platform switch.

CORTICAL ZONE

- Macro-structure.
- 0.4mm machined segment on bevel

BODY

- Reduced-angle active threads
- Optimised morphology.

Dental implants

ZM4_{MT}



External hex prosthetic connection



Active apex

Surface treatment

Titansure

Implant with external hex connection

Ø DIAMETER	Ø PLATFORM	LENGTH (L)							
		6	7	8.5	10	11.5	13	14.5	
NP 3.30	3.30			N	N	N	N	N	
RP 3.60	4.10							N	
RP 4.00		N	N					N	
RP 4.40		N	N					N	
WP 4.80	5.00	N	N						

Dimensions in mm.

N New product. Check availability.

IMPORTANT

For further information and recommendations for use, see the catalogue.

CONNECTION

- External hex connection
- Screw channel with upper guide

CORTICAL ZONE

- Machined 0.4mm ring
- Microthread design
- Microthread extension.
- Macro-structure.

BODY

- Reduced-angle active threads.
- Double threaded.
- Self-tapping active apex.
- Perpendicular apical windows.
- Optimised morphology.
- Atraumatic apex.

CONICAL DESIGN

- Facilitates shaping in low density bone.
- Indicated for immediate loading.
- Indicated for cases of apical convergence and/or collapse.

Implant with external hex connection

ZM1

Ø DIAMETER	Ø PLATFORM	LENGTH (L)							
		6	7	8.5	10	11.5	13	14.5	
NP 3.30	3.30			N	N	N	N	N	
RP 3.60	4.10							N	
RP 4.00		N	N					N	
RP 4.40		N	N					N	
WP 4.80	5.00	N	N						

Dimensions in mm.

N New product. Check availability.

IMPORTANT

For further information and recommendations for use, see the catalogue.

CONNECTION

- External hex connection
- Screw channel with upper guide

CORTICAL ZONE

- Microthread design
- Microthread extension.
- Macro-structure.

BODY

- Reduced-angle active threads
- Double threaded.
- Self-tapping active apex.
- Perpendicular apical windows.
- Optimised morphology.
- Atraumatic apex.

CONICAL DESIGN

- Facilitates shaping in low density bone.
- Indicated for immediate loading.
- Indicated for cases of apical convergence and/or collapse.



External hex prosthetic connection



Active apex

Surface treatment

Titan^{sure}
Titan^{sure}
Active



Dental implants

ZM4



External hex prosthetic connection



Active apex

Surface treatment

Titaniumsure

Implant with external hex connection

Ø DIAMETER	Ø PLATFORM	LENGTH (L)				
		8.5	10	11.5	13	14.5
NP 3,30	3.30					
RP 3,70	4.10					
RP 4,00						
RP 4,30						
WP 4,60	5.00					
WP 5,00						

Dimensions in mm.

IMPORTANT

For further information and recommendations for use, see the catalogue.

CONNECTION

- External hex connection
- Screw channel with upper guide

CORTICAL ZONE

- Machined 0.4mm ring
- Microthread design
- Microthread extension.
- Macro-structure.

BODY

- Reduced-angle active threads
- Double threaded.
- Self-tapping active apex.
- Perpendicular apical windows.
- Optimised morphology.
- Atraumatic apex.

Implant with external hex connection

ZM8_N

Ø DIAMETER	Ø PLATFORM	LENGTH (L)			
		9	11	13	15
■ RP 3.75	4.10				
■ RP 4.00					
■ RP 4.30					

Dimensions in mm.

IMPORTANT

For further information and recommendations for use, see the catalogue.



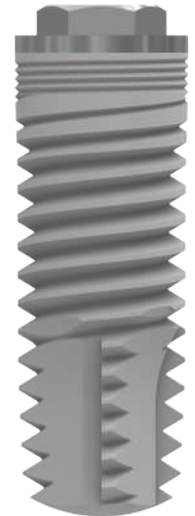
External hex prosthetic connection



Active apex

Surface treatment

Titansure



CONNECTION

- External hex connection
- Screw channel with upper guide

CORTICAL ZONE

- Machined 0.4mm ring
- Microthread design
- Microthread extension.
- Macro-structure.

BODY

- Reduced-angle active threads
- Double threaded.
- Self-tapping active apex.
- Perpendicular apical windows.
- Optimised morphology.

Dental implants

ZM8s



External hex prosthetic connection



Active apex

Surface treatment

Titaniumsure

Implant with external hex connection

Ø DIAMETER	Ø PLATFORM	LENGTH (L)			
		9	11	13	15
RP 3.75	4.10				
RP 4.00					
RP 4.30					

Dimensions in mm.

IMPORTANT

For further information and recommendations for use, see the catalogue.

CONNECTION

- External hex connection
- Screw channel with upper guide

CORTICAL ZONE

- Machined 0.4mm ring
- Microthread design
- Microthread extension.
- Macro-structure.







BODY

- Reduced-angle active threads
- Double threaded.
- Self-tapping active apex.
- Perpendicular apical windows.
- Optimised morphology.

CONICAL DESIGN

- Facilitates shaping in low density bone.
- Indicated for immediate loading.
- Indicated for cases of apical convergence and/or collapse.

One-piece implant

Ø DIAMETER	Ø PLATFORM	LENGTH (L)		
		10	11.5	13
▲ RP 2.50	3.90			
▲ RP 2.80				

Dimensions in mm.

IMPORTANT

For further information and recommendations for use, see the catalogue.

MINIMALLY INVASIVE SURGERY

- Reduced drilling protocol
- One single, transmucosal, surgical stage
- The post-operative period is usually asymptomatic.
- No need for second surgical stage.
- Reduced diameter allows implantation in jawbones with limited dimensions.

PROSTHETIC SIMPLICITY

- Includes Kirator compatible abutment for overdentures (processing kit not included).
- No abutment screws

ZMK



Kirator prosthetic connection



Active apex

Surface treatment

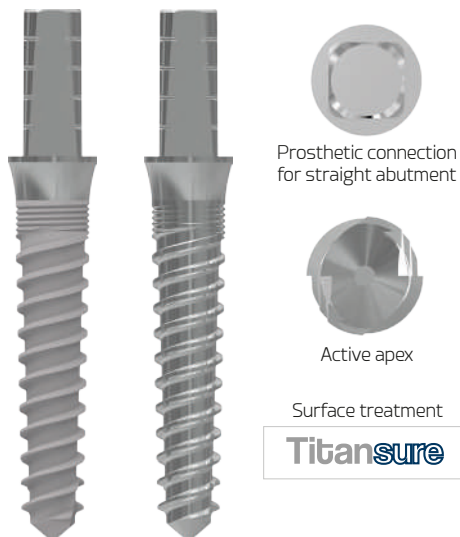
Titanasure



Dental implants

ZMR · ZMRs

One-piece implant



Titan^{sure}

ZMR ZMRs

MINIMALLY INVASIVE SURGERY

- Reduced drilling protocol
- One single, transmucosal, surgical stage
- The post-operative period is usually asymptomatic.
- No need for second surgical stage.
- Reduced diameter allows implantation in edentulous sections with limited mesiodistal space.

PROSTHETIC SIMPLICITY

- Drillable straight immediate abutment that facilitates impression-taking.
- No abutment screws

Ø DIAMETER	Ø PLATFORM	LENGTH (L)		
		10	11.5	13
▲ RP 2.50	3.00			
▲ RP 2.80				

Dimensions in mm.

IMPORTANT

For further information and recommendations for use, see the catalogue.

DSQ_{CR}

Orthodontic implants

DSQ_{ST}

UNDERCUT

- Round head to prevent tissue lacerations
- Slot to retain orthodontic accessories.
- 0.70 mm retention hole for wires and ligatures
- 2.50 mm hex base
- 2.50 mm transmucosal collar

BODY

- Tapered body with self-tapping thread.
- Length of active section: 7.00 and 9.00 mm

TIP

- Self-piercing tip

MANUFACTURING MATERIAL

- Grade 5 ELI titanium (medical use) Ti 6AL 4V



UNDERCUT

- Button-type head to prevent tissue laceration.
- Retention area for use of orthodontics accessories.
- 0.70 mm retention hole for wires and ligatures
- 2.50 mm hex base
- 3.00 mm transmucosal collar

BODY

- 12 mm tapered body with self-tapping thread.

TIP

- Self-piercing tip

MANUFACTURING MATERIAL

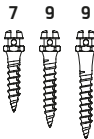
- Grade 5 ELI titanium (medical use) Ti 6AL 4V



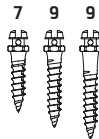
DIAMETERS AND LENGTHS AVAILABLE

Lengths in mm

CR (Ø1.60mm)

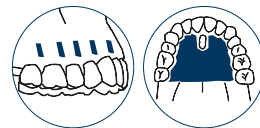


CR (Ø1.80mm)



INTRA-ALVEOLAR USE

MAXILLARY BONE



■ MOST FREQUENT AREA

MANDIBULAR BONE



■ MOST FREQUENT AREA

NOTE

DSQ CR 9.00 mm long orthodontic implants come in varieties with 1.00 or 2.50 mm transmucosal collar.

DIAMETERS AND LENGTHS AVAILABLE

Lengths in mm

ST (Ø1.80mm)



EXTRA-ALVEOLAR USE

MAXILLARY BONE



■ MOST FREQUENT AREA

MANDIBULAR BONE



■ MOST FREQUENT AREA

Biomaterials

Bone substitutes

Our Osseos synthetic grafts are designed to fill bone defects and induce bone regeneration and growth, stimulating the proliferation and differentiation of osteoblasts. Its highly interconnected porosity provides excellent mechanical strength. Also, Osseos products have excellent flexibility, seamless osseointegration and osteoconduction and exceptional bioactivity.

Why choose Osseos?

- ✓ 100% synthetic and resorbable
- ✓ High cohesion
- ✓ Radiopaque
- ✓ High vascularisation

BCP synthetic bone graft



Characteristics

- Composition: 75% hydroxyapatite (HA), 25% tricalcium phosphate (β -TCP).
- Resorption: OsseosBCP[®] is replaced by high-quality new bone in 6 to 24 months.
- Stable volume: The hydroxyapatite portion of the OsseosBCP[®] prevents excessive resorption, preserving tissue volume for longer.

TCP synthetic bone graft



Characteristics

- Composition: 100% tricalcium phosphate (β -TCP).
- Resorption: OsseosTCP[®] is replaced by high-quality new bone in 1 to 6 months.

Membranes

Ziacom® membranes are fully biocompatible and resorbable and are indicated particularly in Guided Bone Regeneration (GBR) and Guided Tissue Regeneration (GTR) techniques,

T-Gen®

Resorbable collagen membrane



Characteristics

Resorbable collagen membrane of porcine origin. It can be used with bone grafts or be attached directly to the defect area. The T-Gen® membrane is specifically indicated for use on the following clinical situations:

- Post-extraction alveolar regeneration.
- Implant site preparation.
- Preservation of the alveolar ridge.
- Treatment of fenestration defects.
- Sinus augmentation.
- Protection of the sinus membrane against tears.

Why choose T-Gen®?

- ✓ Excellent manipulability
- ✓ Excellent stability
- ✓ Improved tissue integration.

Zellplex®

PLGA resorbable synthetic membrane



Characteristics

Zellplex® is a polylactic-glycolic acid (PLGA) synthetic membrane that is biocompatible and fully resorbable. Zellplex® has a specially designed dual-layer structure, which avoids internal growth of epithelial tissue while promoting cellular infiltration, which induces bone regeneration.

Why choose Zellplex®?

- ✓ A synthetic alternative
- ✓ Single shape memory
- ✓ Complete resorption in 6 months.
- ✓ Exceptional adhesion to tissue.

Expander kit

The Ziacom® Expander Kit offers dental professionals expanders in progressive diameters which can be used consecutively to compress and expand low-density bone and carry out split-crest procedures.

The morphology of our laser-marked, differentially designed expanders, in a wide range of shapes, sizes and types, makes the

Ziacom Expander Kit a powerful ally of the dental surgeon.








General features of bone expanders

- Head compatible with 4x4 mm ratchet
- 14.5 mm long active section
- Thread design
- Optimised shape.
- Laser-marked expander
- Atraumatic tip

Specific features of the sinus augmentation expander

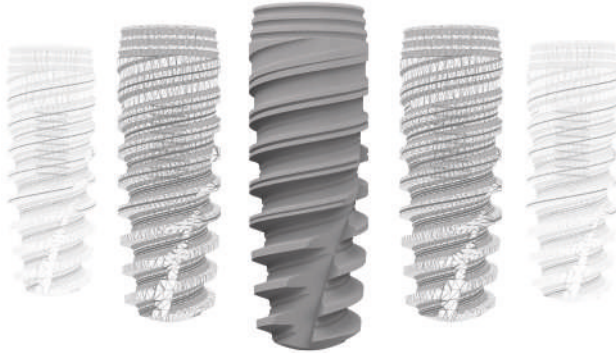
- With acute edges to facilitate compression of the cortical bone surrounding the sinus membrane and a concave centre to collect bone tissue, which reduces the risk of sinus membrane perforation.

Product codes and dimensions

CODE	BONE EXPANDERS						EXPANDERS FOR SINUS AUGMENTATION
	1	2	3	4	5	6	7
EXPLANDERS KIT							
PROD. CODE	EOX100	EOX200	EOX300	EOX400	EOX500	EOX600	EOX700
END/NECK Ø	2.00 mm	2.35 mm	2.85 mm	3.10 mm	3.40 mm	3.80 mm	3.40 mm
TIP/APEX Ø	150 mm	180 mm	250 mm	2.35 mm	250 mm	2.70 mm	250 mm
INSTRUMENT LENGTH	23.40 mm	23.40 mm	23.40 mm	23.40 mm	23.40 mm	23.40 mm	23.40 mm
ACTIVE LENGTH	14.50 mm	14.50 mm	14.50 mm	14.50 mm	14.50 mm	14.50 mm	14.50 mm
APEX LENGTH	2.00 mm	2.00 mm	2.00 mm	2.00 mm	2.00 mm	2.00 mm	1.00 mm
TOTAL Ø	2.50 mm	2.85 mm	3.20 mm	3.55 mm	3.90 mm	4.25 mm	4.00 mm
IMPLANT Ø	NO END	NO END	3.30 mm	3.60/3.70mm	4.00 mm	4.30/4.40mm	4.00 mm

NOTE

- Before performing an augmentation procedure, always carry out an imaging study to assess, among other things, the state of the sinus membrane, length of the crest and anatomy of the maxillary sinus.
- The distance between the bone crest and sinus membrane should be at least 5.00 mm and over 4.00 mm thick.
- The sinus membrane can be elevated by a maximum of 4.00 mm. If this value is exceeded, it significantly increases the risk of sinus membrane perforation.
- A bone expander (prod. code EOX600) is required for the placement of 4.40 mm and 4.60 mm implants.
- Implants with a diameter over 4.60 mm are not recommended.
- Biomaterials should be used as filler in the maxillary sinus before placing the implant.



See the latest version of the general conditions of sale on our website www.ziacom.com.

Check the availability of each product in your country.

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See the latest version of the catalogues available at www.ziacom.com.



EN | ENGLISH

 **Ziacom**[®]



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