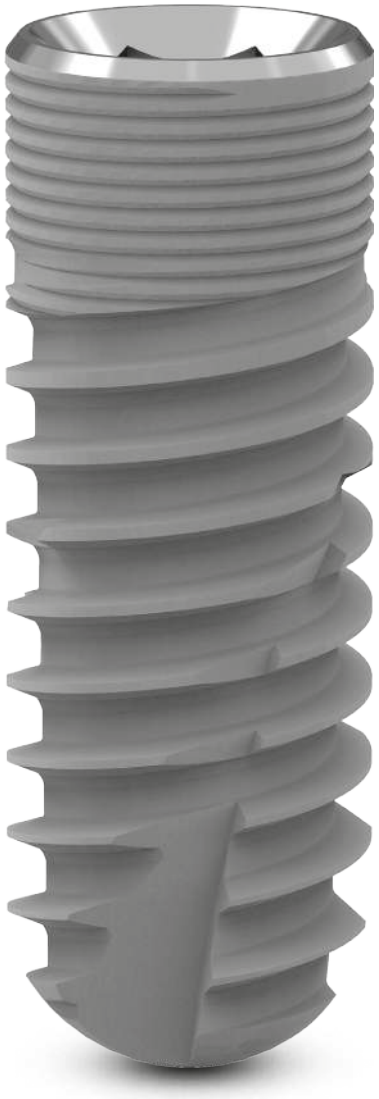
ZiNiC®

Internal hex connection implants



Ziacom®

ZiNiC®

Internal hex connection implants

Ziacom®

Important information

Please read carefully before using Ziacom® products

General information

This document contains basic information on the use of original Ziacom® dental implant systems, hereafter referred to as Ziacom® dental implants or simply Ziacom® products. This document has been created as quick guide for clinicians responsible for treatment, hereafter the "user", and, therefore, is neither an alternative nor a substitute for specialized training or professional clinical experience.

Ziacom® products must be used according to a suitable treatment plan and adhering strictly to the surgical and prosthetic protocols established by the manufacturer. Read the product-specific surgical and prosthetic protocols as well as the instructions for use and maintenance before using each Ziacom® product. You can find this information on our website, www.ziacom.com, or request it from your nearest authorised Ziacom® distributor.

Liability, safety and guarantee.

The instructions for the use and handling of Ziacom® products are based on internationally published literature, current clinical standards and our clinical experience, so they should be understood as general guiding information. The handling and use of Ziacom® products is the sole responsibility of the user as it is outside the control of Ziacom Medical SL. Ziacom Medical SL, their affiliates and/or their authorised distributors disclaim all responsibility, whether explicit or implicit, total or partial, for possible damage or injury caused by poor handling of the product or any other situation not considered in their protocols and manuals for the correct use of their products.

The user must ensure that the Ziacom® product is appropriate for the intended procedure and end purpose. Neither these instructions for use nor the work or handling protocols for the products release the user from this obligation. Ziacom® products must be used, handled and applied by professionals with the appropriate training and qualifications required according to current legislation in each country.

The total or partial use, handling and/or application of Ziacom® products at any stage of their implementation by personnel who are unqualified or lack the necessary training will automatically void any type of warranty and may cause severe damage to the patient's health.

Ziacom® products are part of their own system, with their own design characteristics and work protocols, including dental implants, abutments or prosthetic components and surgical or prosthetic instruments. The use of Ziacom® products in combination with elements or components from other manufacturers could result in treatment failure, damage to tissues or bone structures, inadequate aesthetic outcomes and severe damage to the patient's health. Therefore, only original Ziacom® products should be used.

The clinician in charge of the treatment is solely responsible for ensuring the use of original Ziacom® products and that they are used according to the corresponding instructions for use and handling protocols throughout the implant procedure. The use of any other non-original Ziacom® components, instruments or products, whether alone or in combination with any original Ziacom® products, will immediately void the warranty of the original Ziacom® products.

See the Ziacom Medical SL Warranty Programme (available on the website or by contacting Ziacom Medical SL, their affiliates or authorised distributors).

Warning. Not all Ziacom® products are available in all counties. Check availability in your country.

Together for **health**

Index

The Company

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 abutments for several European companies before launching its own **brand of implant systems** in 2006.

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 started up on an **ambitious growth plan** with new goals of **international expansion**, broadening and **diversification** of its portfolio **of products and services** and a Corporate Identity restyle.

Ziacom® quality

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

The reason why we used 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 an AEMPS (Spanish Agency for Medicines and Medical Devices) 6425-PS **marketing authorisation holder**. Our **quality management system is certified** in accordance with the requirements of ISO standards 9001:2015 and 13485:2018. and is also GMP 21 CFR 820 compliant.

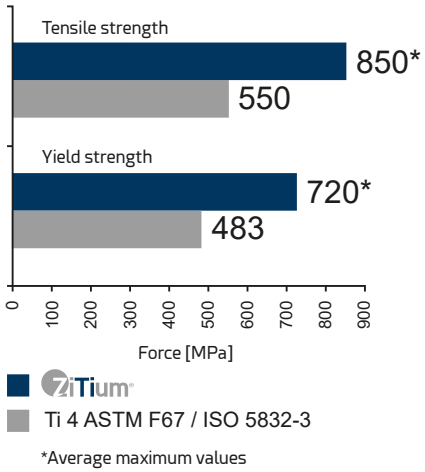
Thanks to our ceaseless endeavours to offer our clients an unsurpassable quality, all our implants have a **lifetime guarantee**.

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

Zitium® titanium

Ziacom® **Zinic®** implants are manufactured using **extra-high-strength grade 4 Zitium® titanium** which gives them **considerably improved yield strength and mechanical properties**.

Properties of Zitium® titanium



*Average maximum values

Thanks to **Zitium®** titanium, our implants meet the requirements of ASTM F67 and ISO 5832-3 and are certified in accordance with Council Directive 93/42/EEC and its amendment Directive 2007/47/EC by notified body 0051.

ISO 9001 ISO 13485 0051

FDA Approved*

*See approved models

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

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

Non sterile

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 ensure the best **advances in 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® across the globe

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 we our products are already available** and to add **new growth 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

Ziacom Medical SL

Madrid - ESPAÑA
Calle Búhos, 2 - 28320 Pinto
Tel: +34 91 723 33 06
info@ziacom.com

Subsidiaries

Ziacom Medical Portugal Lda

Av. Miguel Bombarda, 36 - 5º B
1050 -165 - Lisboa - PORTUGAL
Tel: +351 215 850 209
info.pt@ziacom.com

Ziacom Medical USA LLC

Miami - EEUU
333 S.E 2nd Avenue, Suite 2000
Miami, FL 33131 - USA
Phone: +1(786) 224 - 0089
info.usa@ziacom.com

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

ZiNiC®

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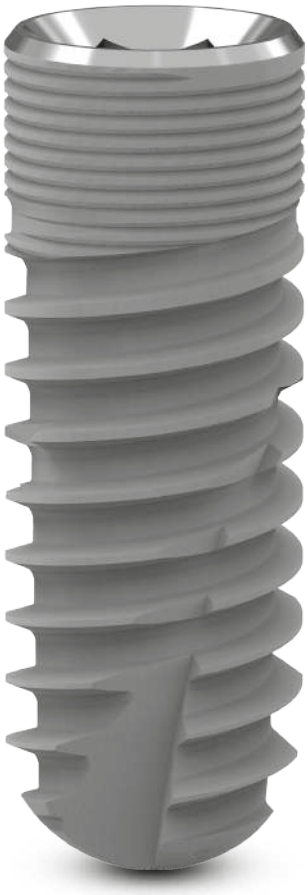
Internal hex connection implants



Characteristics

CONNECTION

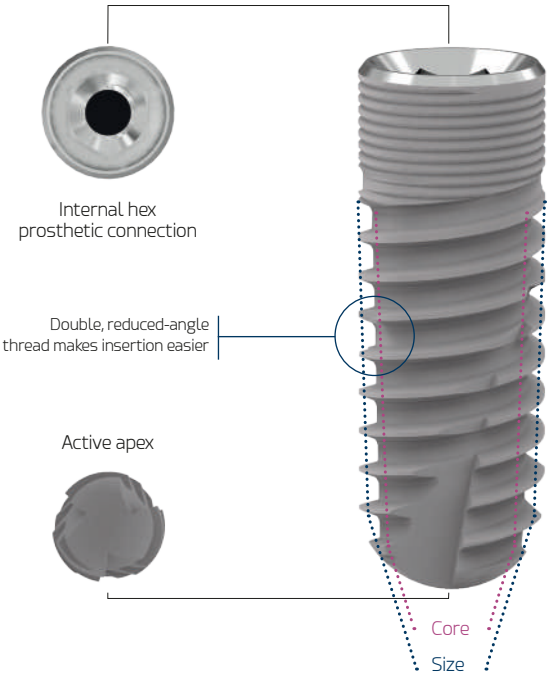
- Internal hex connection.
- 1.5 mm deep prosthesis hex: improves distribution of longitudinal forces.
- Conical bevel: reduces infiltration.
- Conical friction: reduces micromovements.
- Platform switching: soft tissue modelling and emergence profile shaping.

NECK/COLLAR

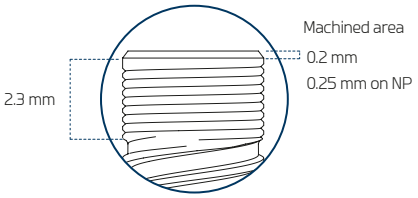
- Microthread design: preserves marginal bone.
- Microthread extension: improves load distribution.
- Macrodesign: optimal cortical compression.
- 0.2 mm machined area on bevel.

BODY

- Reduced-angle active threads: improve stability during insertion and increase BIC (bone-to-implant contact).
- Double threaded: quick insertion and shorter surgical time.
- Self-tapping active apex: facilitates insertion with underdrilling.
- Transverse apical windows: collect remnants of bone during insertion.
- Optimised morphology: high primary stability.
- Atraumatic apex: no damage to anatomical structures.



Dimensions of the implant's neck/collar



Diameters and lengths

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

Dimensions in mm.

Surface treatments

Titansure surface

Implants inserted following surface treatment are known to benefit from improved osseointegration by increasing the bone-to-implant contact area. This is partly due to the implant's chemical composition and topographical characteristics.

With our **Titansure** surface treatment, at Ziacom Medical we have obtained a contaminant-free surface topography and optimal average macro- and microporosity values, which are key specifications for achieving prompt and proper osseointegration and, in turn, extremely reliable and predictable implants.

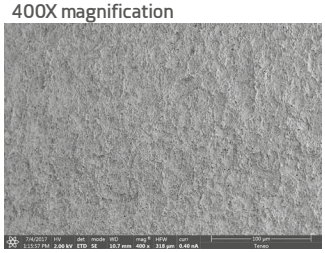
TITANSURE SURFACE ANALYSIS

Titansure is an SLA surface treatment created through a subtraction process involving sandblasting with white aluminium oxide and double acid etching with hydrofluoric acid and a sulphuric/phosphoric acid mix.

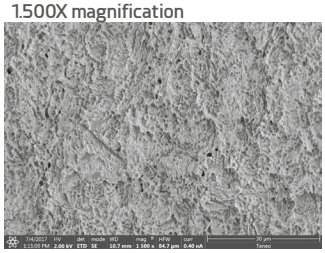
Surface morphology analysis

With the aid of a scanning electron microscope (FEI TENEO, Thermo Fisher Scientific Inc., Waltham, MA, USA), we can see the rough, porous surface creating numerous cavities with thin, sharp edges.

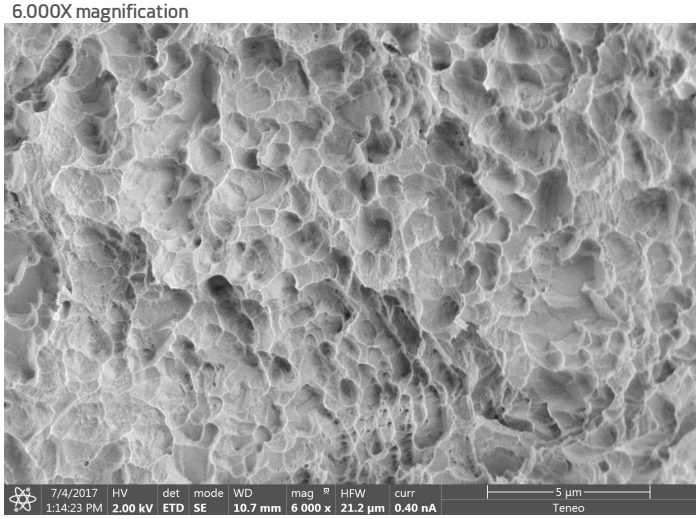
400X magnification



1.500X magnification

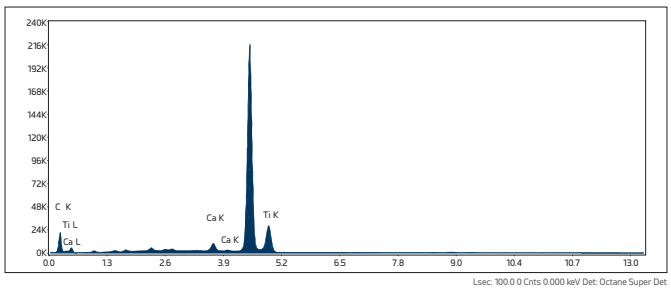


6.000X magnification



Surface elemental analysis

We used an energy-dispersive X-ray spectrometer (Octane Super, Edax-Ametek, Mahwah, NJ, USA) to analyse the chemical composition at the surface.



Compositional analysis of implant surface

ELEMENT	WEIGHT (%)
C K	9.32 (10.23)
Al K	-
Ti K	89.53 (11.77)

No aluminum was detected

Results are expressed as the mean and standard deviation of the mass percentage (WEIGHT (%)).

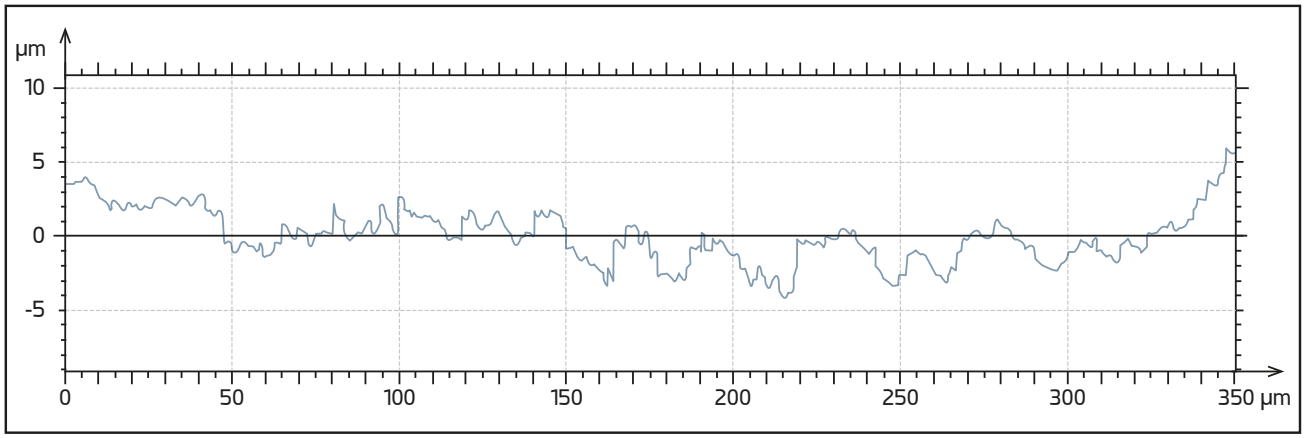
Surface roughness analysis

The roughness study was conducted with a Sensofar S NEOX interferometric-confocal microscope (Sensofar Medical, Terrasa, Spain) and SensoMAP Premium 7.4 software. The quantitative roughness profile parameters applied were: average roughness (Ra), root-mean-square roughness (Rq), maximum profile peak height roughness (Rp) and maximum profile valley depth roughness (Rv).

Ra (µm) (SD)	Rq (µm) (SD)	Rp (µm) (SD)	Rv (µm) (SD)
0.82 (0.10)	0.97 (0.08)	1.84 (0.04)	2.21 (0.01)

The 3D surface roughness (Sa), 3D root mean square height (Sq), maximum 3D peak height (Sp) and maximum 3D pit depth of the selected area (Sv) were also recorded.

Sa (µm) (SD)	Sq (µm) (SD)	Sp (µm) (SD)	Sv (µm) (SD)
0.76 (0.01)	0.97 (0.01)	4.20 (0.12)	4.62 (0.20)



The data were extracted from:

Rizo-Gorrita, M.; Fernandez-Asian, I.; Garcia-de-Frenza, A.; Vazquez-Pachon, C.; Serrera-Figallo, M.; Torres-Lagares, D.; Gutierrez-Perez, J. Influence of Three Dental Implant Surfaces on Cell Viability and Bone Behavior. An In Vitro and a Histometric Study in a Rabbit Model. Appl. Sci. 2020. 10(14), 4790

■ OPTIMAL OSSEOINTEGRATION

The **Titansure** surface has a three-dimensional surface structure with high peaks and broad troughs, which is known to be highly effective at promoting the coagulation cascade and the release of growth factors through platelet activation [Kim, H.; Choi, S.H.; Ryu, J.J.; Koh, S.Y.; Park, J.H.; Lee, I.S. The biocompatibility of SLA-treated titanium implants. Biomed. Mater. 2008. 3. 025011.].

This type of surface may have an osteogenic effect thanks to its different topographical features at a micrometer and nanometer level, which has a very similar morphology to the osteoclastic bone resorption cavities [Le Guehennec, L.; Goyenvalle, E.; Lopez-Heredia, M.A.; Weiss, P.; Amouriq, Y.; Layrolle, P. Histomorphometric analysis of the osseointegration of four different implant surfaces in the femoral epiphyses of rabbits. Clin. Oral Implants Res. 2008. 19. 1103–1110].

For more information on the surface treatment see the literature available at **www.ziacom.com/biblioteca**

Product presentation

Blister packaging

Available for implants with **Titansure** surface treatment. Blister packs are heat sealed and include product labels in order to be able to trace products correctly and a flap for easy opening in the clinic but while preventing accidental opening.

Titansure

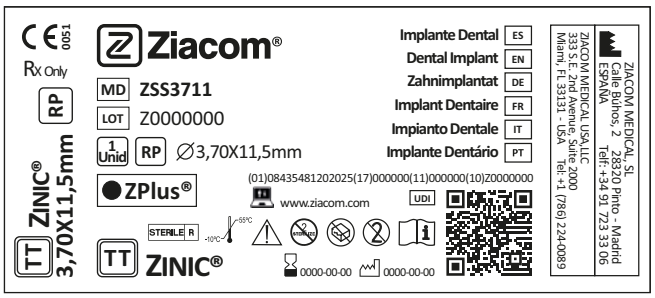
ZPlus Mount Option

Ziacom® No Mount option

IMPORTANT
Do not open the sterile container until just before inserting the implant.

Outer identification label

Ziacom® implants are supplied in a sealed cardboard box that includes a product identification label with a description of their main characteristics.



Description of the symbology used

CE XXXX — MDD CE certification and notified body	Do not use if the packaging is damaged
MD — Name of the medical device	Non-reusable product
LOT — Number of product batch	Consult the instructions for use
Patient information website	Expiry date of the product
UDI — Unique device identification	Date of manufacture
STERILE R — Sterilised using radiation	Product manufacturer
Temperature restriction	TT — Titansure surface treatment
Caution, consult accompanying documents	TTA Active — Titansure Active surface treatment
Do not resterilise	Rx Only — Caution: federal law prohibits dispensing without prescription

For full details on the product presentation and instructions for use (IFU) see **www.ziacom.com/ifus** or scan the QR code on the box.

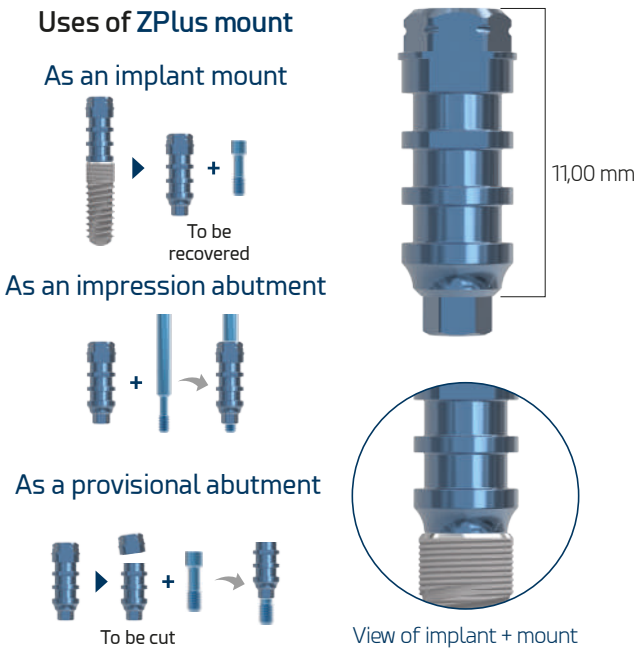
ZPlus mount option

Options for the Zinic® implant include the **ZPlus mount,** a multi-functional abutment made from grade 5 ELI titanium (medical grade), which allows easy handling of the implant during surgical procedures. In addition, the ZPlus mount concept is based on reducing treatment costs, as it works equally well as an implant mount, impression abutment or provisional abutment for cement- or screw-retained restorations.

The ZPlus mount is available for the following implant ranges Zinic®, Zinic® MT, ZM4, ZM4 MT and ZM1.

As already indicated, the ZPlus mount can be used as a provisional abutment. In this case, the ZPlus should be prepared extraorally by seating it on the analogue, preferably on a laboratory model, or by attaching it to a holder. Check also the structural integrity of the mount and screw to ensure that they have not suffered any deformation or damage due to excessive insertion torque or forced handling during removal. Additionally, verify on an analogue that the ZPlus fixation screw is well seated and that the connection is secure.

IMPORTANT
Always follow the surgical protocol when inserting the implant to protect the mount and its screw from possible damage which could prevent its from being used later as an impression and/or provisional abutment. Use each ZPlus only with the implant to which it belongs. To avoid mix-ups, keep the ZPlus and screw with the patient's ID, detailing the corresponding reference and lot number. The ZPlus has 3 flat sides. After inserting the implant, make sure one of these flat sides faces the labial direction.



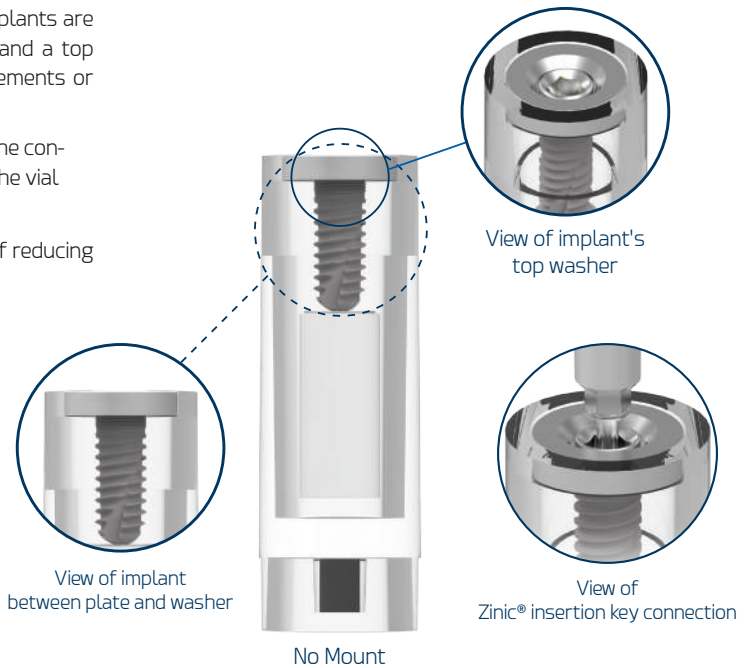
Ziacom® No Mount option

Zinic® implants are supplied in Ziacom® No Mount vials; the implants are held vertically inside a plastic vial between a bottom plate and a top washer (both made from titanium), thus preventing any movements or unwanted contacts.

This packaging means that the pressure is applied directly to the connection so the implant can be safely and easily removed from the vial and transferred to the surgical site.

Therefore, the Ziacom® No Mount implant eliminates the risk of reducing primary stability caused by over-instrumentation, eliminates

the need to handle the implant when removing it from the mount and simplifies implant insertion in posterior areas with limited access.



Zinic® references

Zinic® with ZPlus - Titansure references

IMPLANT

	Ø (mm)	Ø Core (mm)	Length (mm)	Ref. Titansure
ZiNiC®	3.30	2.90/2.65	10.0	ZSS3310
			11.5	ZSS3311
			13.0	ZSS3313
			14.5	ZSS3314
	3.70	3.20/2.80	8.5	ZSS3785
			10.0	ZSS3710
			11.5	ZSS3711
			13.0	ZSS3713
			14.5	ZSS3714
	4.00	3.40/3.05	8.5	ZSS4085
			10.0	ZSS4010
			11.5	ZSS4011
			13.0	ZSS4013
			14.5	ZSS4014
	4.30	3.70/3.30	8.5	ZSS4385
			10.0	ZSS4310
			11.5	ZSS4311
			13.0	ZSS4313
			14.5	ZSS4314
	4.60	3.90/3.55	8.5	ZSS4685
			10.0	ZSS4610
			11.5	ZSS4611
			13.0	ZSS4613
	5.00	4.15/3.75	8.5	ZSS5085
			10.0	ZSS5010
			11.5	ZSS5011
			13.0	ZSS5013

Size

M1,60 M1,80

Sizes: 1.60 (NP) and 1.80 (RP/WP).

Cover screw*

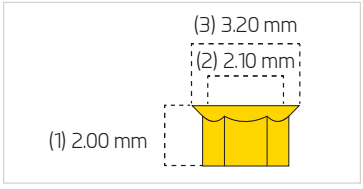
Platf.	Length (L)	Reference
●	4.20	ZNPT
●	4.20	ZRPT
●	4.20	ZWPT

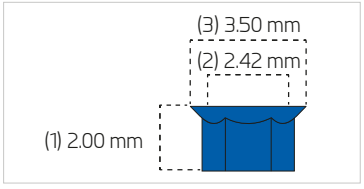
Anodising NP RP WP

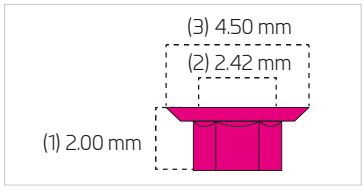
ROT 1,25mm M1,60 M1,80 Grade 5 ELI Titanium

* Screw included with each implant.

Platform







(1) Internal hex depth. (2) Distance between faces of the internal hex. (3) Diameter of working platform.

Zinic® with Ziacom® No Mount - Titansure references

IMPLANT

	Ø (mm)	Ø Core (mm)	Length (mm)	Ref. Titansure	
ZiNiC®	3.30	2.90/2.65	10.0	ZSS3310F	
			11.5	ZSS3311F	
			13.0	ZSS3313F	
			14.5	ZSS3314F	
	3.70	3.20/2.80	8.5	ZSS3785F	
			10.0	ZSS3710F	
			11.5	ZSS3711F	
			13.0	ZSS3713F	
			14.5	ZSS3714F	
	4.00	3.40/3.05	8.5	ZSS4085F	
			10.0	ZSS4010F	
			11.5	ZSS4011F	
			13.0	ZSS4013F	
			14.5	ZSS4014F	
	4.30	3.70/3.30	8.5	ZSS4385F	
			10.0	ZSS4310F	
			11.5	ZSS4311F	
			13.0	ZSS4313F	
			14.5	ZSS4314F	
	4.60	3.90/3.55	8.5	ZSS4685F	
			10.0	ZSS4610F	
			11.5	ZSS4611F	
			13.0	ZSS4613F	
	5.00	4.15/3.75	8.5	ZSS5085F	
			10.0	ZSS5010F	
			11.5	ZSS5011F	
			13.0	ZSS5013F	

Size

Sizes: 1.60 (NP) and 1.80 (RP/WP).

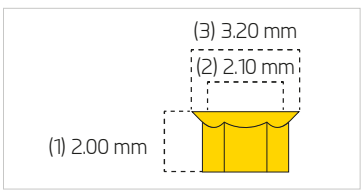
Cover screw*

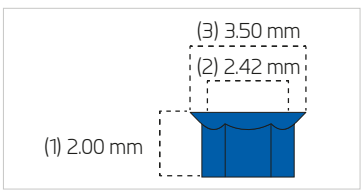
Platf.	Length (L)	Reference
	4.20	ZNPT
	4.20	ZRPT
	4.20	ZWPT

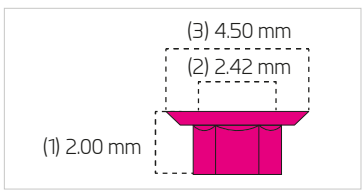
Anodising NP RP WP

* Screw included with each implant.

Platform







(1) Internal hex depth. (2) Distance between faces of the internal hex. (3) Diameter of working platform.

Recommendations for use

All implant treatments must respect the natural biomechanical stability of the oral cavity and allow the natural emergence of the dental crown through the soft tissue. The implantologist must assess the quantity and quality of bone currently in the implant area and consider the need for prior or simultaneous bone regeneration, as appropriate.

Ziacom® has a wide range of implants available to cover every reconstruction possibility. The circles on the periodontal chart represent the implant diameters and platforms recommended for each tooth position.

These recommendations are valid for replacing teeth with single-unit restorations, bridges, hybrid dentures or overdentures.

Remember to maintain minimum distances between adjacent implants and between implants and teeth in order to preserve interdental papilla, bone vascularisation and natural emergence profiles.

The implantologist is solely responsible for selecting the right implant for each case. Ziacom® recommends that clinicians take into account the scientific evidence-based warnings given in the product catalogues and on our website.

CLARIFICATIONS ON DRILLING MEASUREMENTS AND TECHNIQUES

- **IMPLANT SIZE:** identifies the diameter and length of the implant.
- **IMPLANT BODY:** diameter of the implant core.
- **DRILL SIZE:** diameter of the drill.
- **DRILLING TECHNIQUE:** we have developed various drilling protocols to enable you to deal with different situations that arise in a schematic way when performing implant surgery.

Periodontal chart

ZiNiC®

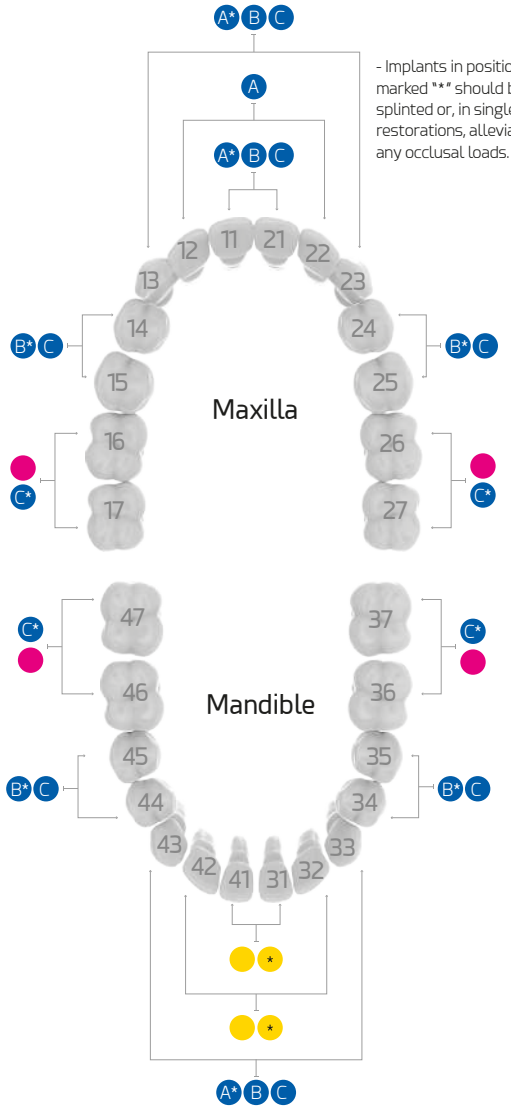
Implant diameter(1)

NP	A RP	B RP	C RP	WP	WP
Ø3.30 mm	Ø3.70 mm	Ø4.00 mm	Ø4.30 mm	Ø4.60 mm	Ø5.00 mm

(1) Diameters available for analogue platforms

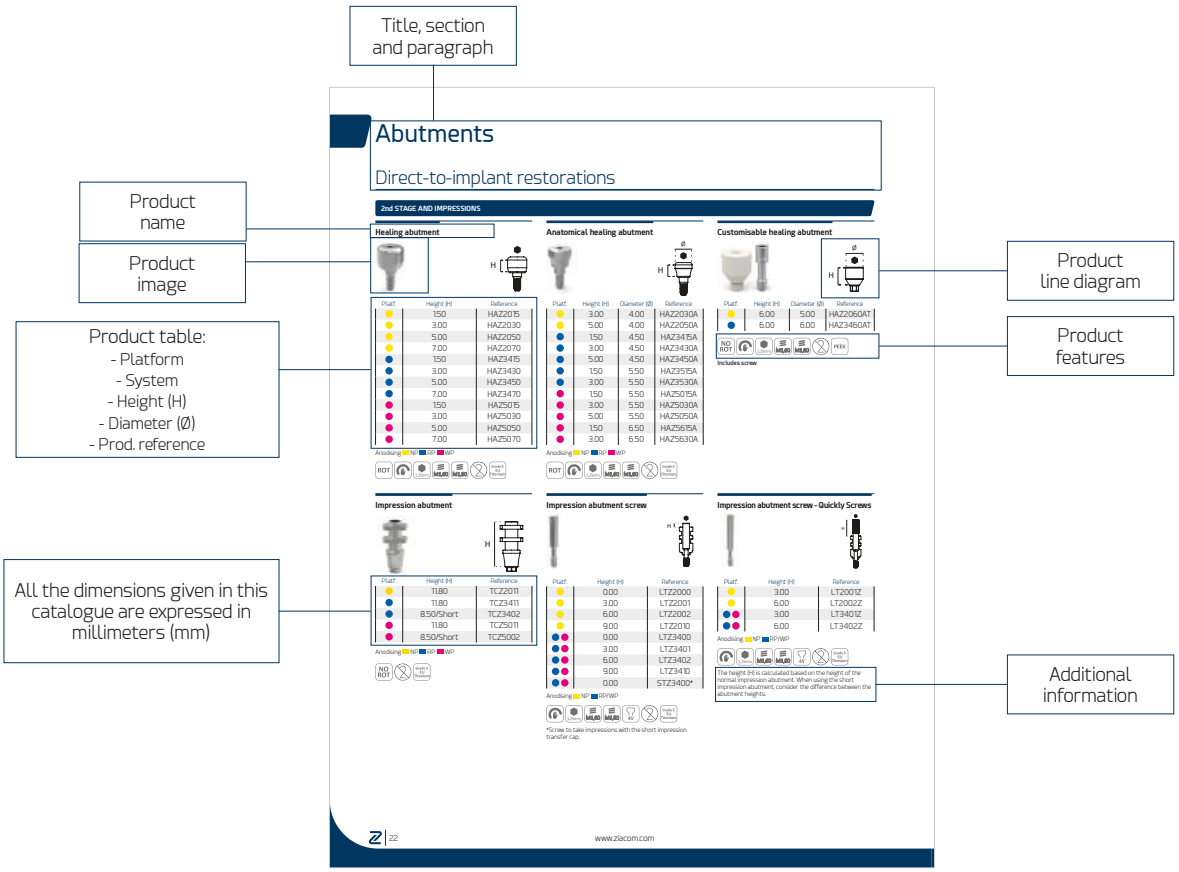
Implant crown diameter

NP	RP	WP
Ø3.20 mm	Ø3.50 mm	Ø4.50 mm



For more information on implant size selection see the literature available at **www.ziacom.com/biblioteca**

Product sheet



Symbology

Symbol	Meaning
ROT	Rotatory element
NO ROT	Non-rotatory element
	Use with manual torque (see table on page 39)
XX Ncm	Maximum operating torque
Ncm 10 20 30 40 50 60 70	Ratchet torque range
Galaxy	Galaxy connection
1,25mm	Screw connection
Kirator	Kirator connection
Basic	Basic connection
XDrive	XDrive connection

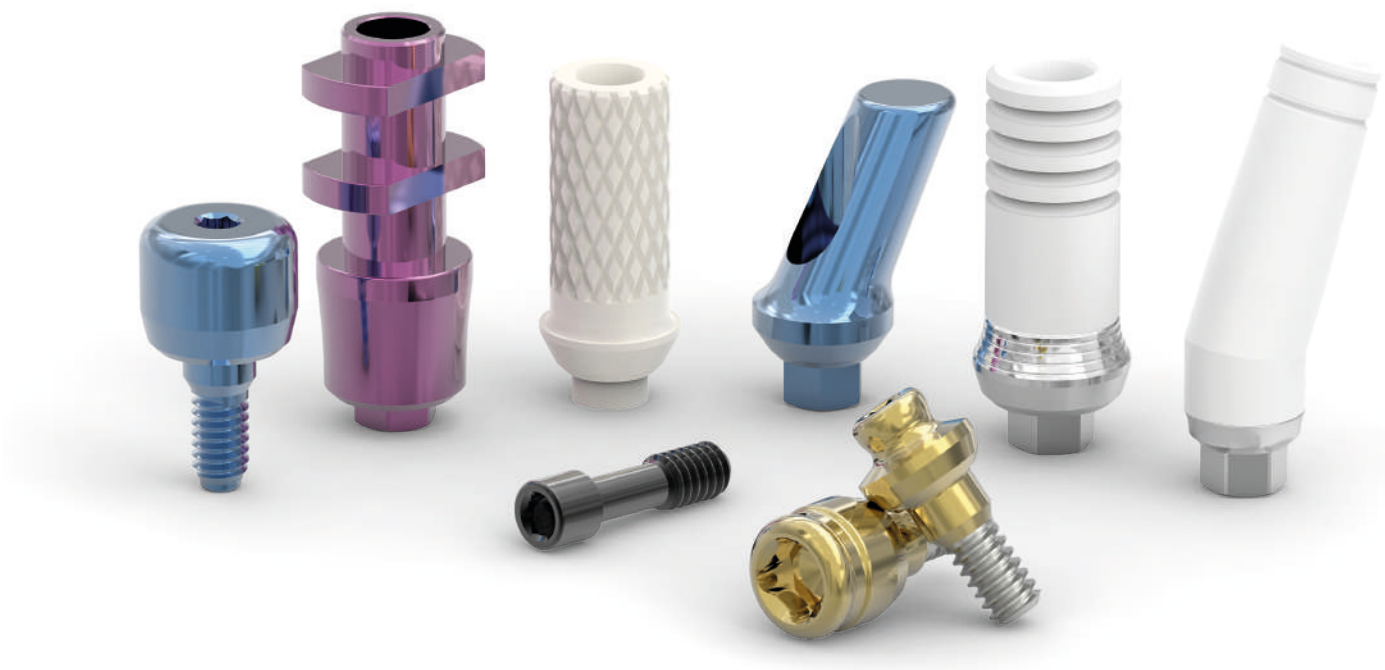
Symbol	Meaning
	Tx30 connection
MX,XX	Size in millimeters
45°	45° screw support
90°	90° screw support
	Use in rotation with a CA
XX Rpm	Maximum rotation speed
XX USES	Maximum number of uses
	Single-use product
Grade 5 ELI Titanium	Made from grade 5 ELI (extra-low interstitial) titanium
Stainless Steel	Made from stainless steel

Symbol	Meaning
Co-Cr +castable	Made from cobalt chromium + castable plastic
Cobalt Chromium	Made from cobalt chromium
PEEK	Made from PEEK
Full castable	Made from castable plastic
Plastic	Made from plastic
XX°	Recommended sterilisation temperature
Non sterile	Unsterilised product
	Use with abundant irrigation
XX°	Maximum angle

ZiNiC®

Abutments

Direct-to-implant restorations

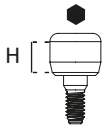


Abutments

Direct-to-implant restorations

2nd STAGE AND IMPRESSIONS

Healing abutment



Platf.	Height (H)	Reference
●	1.50	HAZ2015
●	3.00	HAZ2030
●	5.00	HAZ2050
●	7.00	HAZ2070
●	1.50	HAZ3415
●	3.00	HAZ3430
●	5.00	HAZ3450
●	7.00	HAZ3470
●	1.50	HAZ5015
●	3.00	HAZ5030
●	5.00	HAZ5050
●	7.00	HAZ5070

Anodising ■ NP ■ RP ■ WP

ROT · 1,25mm · M1,60 · M1,80 · Grade 5 ELI Titanium

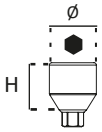
Anatomical healing abutment

Platf.	Height (H)	Diameter (Ø)	Reference
●	3.00	4.00	HAZ2030A
●	5.00	4.00	HAZ2050A
●	1.50	4.50	HAZ3415A
●	3.00	4.50	HAZ3430A
●	5.00	4.50	HAZ3450A
●	1.50	5.50	HAZ3515A
●	3.00	5.50	HAZ3530A
●	1.50	5.50	HAZ5015A
●	3.00	5.50	HAZ5030A
●	5.00	5.50	HAZ5050A
●	1.50	6.50	HAZ5615A
●	3.00	6.50	HAZ5630A

Anodising ■ NP ■ RP ■ WP

ROT · 1,25mm · M1,60 · M1,80 · Grade 5 ELI Titanium

Customisable healing abutment

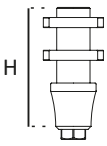


Platf.	Height (H)	Diameter (Ø)	Reference
●	6.00	5.00	HAZ2060AT
●	6.00	6.00	HAZ3460AT

NO ROT · 1,25mm · M1,60 · M1,80 · PEEK

Includes screw

Impression abutment

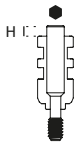


Platf.	Height (H)	Reference
●	11.80	TCZ2011
●	11.80	TCZ3411
●	8.50/Short	TCZ3402
●	11.80	TCZ5011
●	8.50/Short	TCZ5002

Anodising ■ NP ■ RP ■ WP

NO ROT · Grade 5 ELI Titanium

Impression abutment screw



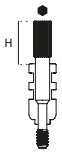
Platf.	Height (H)	Reference
●	0.00	LTZ2000
●	3.00	LTZ2001
●	6.00	LTZ2002
●	9.00	LTZ2010
● ●	0.00	LTZ3400
● ●	3.00	LTZ3401
● ●	6.00	LTZ3402
● ●	9.00	LTZ3410
● ●	0.00	STZ3400*

Anodising ■ NP ■ RP/WP

1,25mm · M1,60 · M1,80 · 45° · Grade 5 ELI Titanium

*Screw to take impressions with the short impression transfer cap.

Impression abutment screw - Quickly Screws



Platf.	Height (H)	Reference
●	3.00	LT2001Z
●	6.00	LT2002Z
● ●	3.00	LT3401Z
● ●	6.00	LT3402Z

Anodising ■ NP ■ RP/WP

1,25mm · M1,60 · M1,80 · 45° · Grade 5 ELI Titanium

The height (H) is calculated based on the height of the normal impression abutment. When using the short impression abutment, consider the difference between the abutment heights.

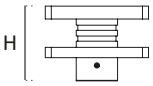
Pick-up impression abutment

Platf.	Height (H)	Reference
●	1.60	PUZ2000
●	3.00	PUZ2001
●	1.60	PUZ3400
●	3.00	PUZ3401
●	1.60	PUZ5000
●	3.00	PUZ5001

Anodising ● NP ● RP ● WP

ROT | 1,25mm | M1,60 | M1,80 | Grade 5 ELI Titanium

Pick-up impression transfer cap

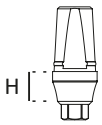


Platf.	Height (H)	Reference
● ● ●	7.25	CPU3410

ROT | Plastic

Pack of 4 units. DO NOT sterilise in an autoclave. Sculptable

Z2Plus Snap-On impression abutment



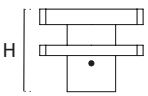
Platf.	Height (H)	Reference
●	3.00	Z2NPZC10
●	1.50	Z2RPZC10
●	1.50	Z2WPZC10

Anodising ● NP ● RP ● WP

NO ROT | Grade 5 ELI Titanium

IMPORTANT
Use the laboratory screw to attach this impression abutment.

Z2Plus Snap-On impression transfer cap

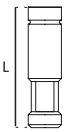


Platf.	Height (H)	Reference
● ●	8.00	ZPU3400
●	8.00	ZPU5000

NO ROT | Plastic

Pack of 4 units. DO NOT sterilise in an autoclave. Sculptable.

Implant analogue



Platf.	Length (L)	Reference
●	12.00	IAZ2000
●	12.00	IAZ3400
●	12.00	IAZ5000

NO ROT | Stainless Steel

3D implant analogue

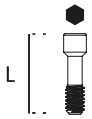
Platf.	Length (L)	Reference
●	12.00	IAZ2000D
●	12.00	IAZ3400D
●	12.00	IAZ5000D

NO ROT | Stainless Steel

Abutments

FIXING ELEMENTS

Clinical screw

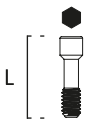


Platf.	Length (L)	Reference
●	8.00	DSZ2000
● ●	7.85	DSZ3400

Anodising ■ NP ■ RP/WP

30 Ncm | 1,25mm | M1,60 | M1,80 | 45° | Grade 5 ELI Titanium

Kiran clinical screw



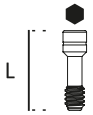
For ZiaCam Ti-base or metal structures

Platf.	Length (L)	Reference
●	8.00	DSZ2010
● ●	7.85	DSZ3410

30 Ncm | 1,25mm | M1,60 | M1,80 | 45° | Grade 5 ELI Titanium

Kiran special screw with surface treatment.

Laboratory screw

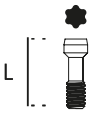


Platf.	Length (L)	Reference
●	7.35	LBZ2000
● ●	7.40	LBZ3400

10 Ncm | 1,25mm | M1,60 | M1,80 | 45° | Grade 5 ELI Titanium

NOT suitable for use as the final clinical screw.

Kiran Tx30 clinical screw



For ZiaCam Tx30 abutments and Ti-bases

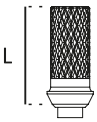
Platf.	Length (L)	Reference
●	7.10	DSZ2010TX
● ●	6.80	DSZ3410TX

30 Ncm | M1,60 | M1,80 | 45° | Grade 5 ELI Titanium

Kiran Tx30 special screw with surface treatment
Use only with Tx30 screwdrivers.

PROVISIONAL

Provisional abutment



Rotatory

Platf.	Length (L)	Reference
●	9.50	RUZT2010
●	9.50	RUZT3410
●	9.50	RUZT5010

Anodising ■ NP ■ RP ■ WP

ROT | Grade 5 ELI Titanium

Non-rotatory

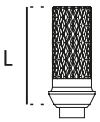
Platf.	Length (L)	Reference
●	9.50	NUZT2010
●	9.50	NUZT3410
●	9.50	NUZT5010

Anodising ■ NP ■ RP ■ WP

NO ROT | Grade 5 ELI Titanium

Provisional abutment

Aesthetic and immediate loading abutments



Rotatory

Platf.	Length (L)	Reference
●	9.50	RUZP2010
●	9.50	RUZP3410
●	9.50	RUZP5010

ROT | PEEK

Non-rotatory

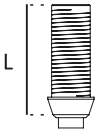
Platf.	Length (L)	Reference
●	9.50	NUZP2010
●	9.50	NUZP3410
●	9.50	NUZP5010

NO ROT | PEEK

SCREWED

UCLA

UCLA



Rotatory

Platf.	Length (L)	Reference
●	10.70	RUZ2000
●	10.70	RUZ3400
●	10.70	RUZ5000

ROT | Full castable

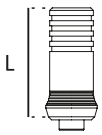
Non-rotatory

Platf.	Length (L)	Reference
●	10.70	NUZ2000
●	10.70	NUZ3400
●	10.70	NUZ5000

NO ROT | Full castable

MECHANISED BASE UCLA

Mechanised base abutment + Castable abutment



Rotatory

Platf.	Length (L)	Reference
●	10.60	BRUZ20
●	10.60	BRUZ34
●	10.60	BRUZ50

ROT | Co-Cr +castable

Non-rotatory

Platf.	Length (L)	Reference
●	10.60	BNUZ20
●	10.60	BNUZ34
●	10.60	BNUZ50

NO ROT | Co-Cr +castable

Abutments

SCREWED

Tx30 VARIABLE ROTATION ABUTMENT

Tx30 mechanised base abutment
+ 2 castable abutments (15° and 20°)

Rotatory

Platf.	15° Length (L)	20° Length (L)	Reference
●	11.40	11.20	BRUZ20TX
●	11.40	11.20	BRUZ34TX
●	11.40	11.20	BRUZ50TX

Non-rotatory

Platf.	15° Length (L)	20° Length (L)	Reference
●	11.40	11.20	BNUZ20TX
●	11.40	11.20	BNUZ34TX
●	11.40	11.20	BNUZ50TX

Tx30 mechanised base abutment
+ 2 castable abutments (15° and 20°)

Rotatory

Platf.	20° Length (L)	25° Length (L)	Reference
●	11.20	11.00	BRUZ20TX1
●	11.20	11.00	BRUZ34TX1
●	11.20	11.00	BRUZ50TX1

Non-rotatory

Platf.	20° Length (L)	25° Length (L)	Reference
●	11.20	11.00	BNUZ20TX1
●	11.20	11.00	BNUZ34TX1
●	11.20	11.00	BNUZ50TX1

All Tx30 variable rotation abutments come with a Kiran Tx30 special screw with surface treatment Ref. DSZ2010TX (NP)/DSZ3410TX (RP/WP).

TX30 VARIABLE ROTATION ABUTMENT

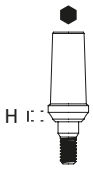
The Tx30 variable rotation abutment comprises a CoCr machined base that accepts 15°, 20° or 25° angled castable abutments and a Kiran clinical screw with a special Tx30 connection.

The CoCr base ensures a perfect fit and seal with the implant connection and the different angles of the castable abutments can be used to choose the best position for the correct emergence of the restoration screw access channel.

Identifying grooves for the castable angles

CEMENTED

Straight abutment

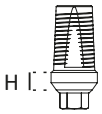


Platf.	Height (H)	Reference
●	1.50	STAZ2015
●	2.50	STAZ2025
●	3.50	STAZ2035
●	1.50	STAZ3415
●	2.50	STAZ3425
●	3.50	STAZ3435
●	1.50	STAZ5015
●	2.50	STAZ5025
●	3.50	STAZ5035

Anodising ■ NP ■ RP ■ WP

ROT | 30 Ncm | 1,25mm | M1,60 | M1,80 | Grade 5 ELI Titanium

Straight abutment



Platf.	Height (H)	Reference
●	1.50	STZ2015
●	2.50	STZ2025
●	3.50	STZ2035
●	1.50	STZ3415
●	2.50	STZ3425
●	3.50	STZ3435
●	1.50	STZ5015
●	2.50	STZ5025
●	3.50	STZ5035

Anodising ■ NP ■ RP ■ WP

NO ROT | Grade 5 ELI Titanium

15° angled abutment

Platf.	Height (H)	Reference
●	1.50	A1Z2015
●	2.50	A2Z2015
●	1.50	A1Z3415
●	2.50	A2Z3415
●	1.50	A1Z5015
●	2.50	A2Z5015

Anodising ■ NP ■ RP ■ WP

NO ROT | Grade 5 ELI Titanium

25° angled abutment

Platf.	Height (H)	Reference
●	1.50	A1Z2025
●	2.50	A2Z2025
●	1.50	A1Z3425
●	2.50	A2Z3425
●	1.50	A1Z5025
●	2.50	A2Z5025

Anodising ■ NP ■ RP ■ WP

NO ROT | Grade 5 ELI Titanium

Abutments

Direct-to-implant restorations

OVERDENTURE

Kirator

Kirator abutment with applicator

Kirator abutment

Platf.	Height (H)	Reference
●	1.00	LOZ2001
●	2.00	LOZ2002
●	3.00	LOZ2003
●	4.00	LOZ2004
●	5.00	LOZ2005
●	6.00	LOZ2006
●	1.00	LOZ3401
●	2.00	LOZ3402
●	3.00	LOZ3403
●	4.00	LOZ3404
●	5.00	LOZ3405
●	6.00	LOZ3406
●	1.00	LOZ5001
●	2.00	LOZ5002
●	3.00	LOZ5003
●	4.00	LOZ5004

Gold-coloured surface treatment.

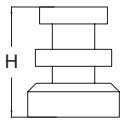
Insertion key (prod. code LOSD01/LOSD02).

ROT | 30 Ncm | Kirator | M1,60 | M1,80 | Grade 5 ELI Titanium

Includes Kirator abutment with sterilisable polyoxymethylene inserter (Tecaform AH-POM-C).

Related abutments

Kirator impression transfer

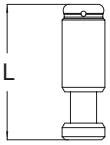


System	Height (H)	Reference
Kirator	6.50	TCRK3400

ROT | Plastic

Pack of 4 units. DO NOT sterilise in an autoclave. Sculptable.

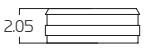
Kirator analogue



System	Length (L)	Reference
Kirator	13.00	IATORK01

ROT | Stainless Steel

Kirator processing kit



Titanium housing

System	Reference
Kirator processing kit	TP8520

Kirator processing kit consisting of: Titanium housing with black relined cap, spacer and purple, transparent and pink plastic caps.

Sterilise the metal coping using the autoclave. Plastic caps and spacers should be cold disinfected. See Cleaning and Disinfection Instructions on the Ziacom® website.

System	Retention (Kg)	Reference
Kirator	● Soft/1.20 kg	TPK100
	● Standard/1.80 kg	TPK200
	● Strong/2.70 kg	TPK300

Pack of 4 plastic Kirator retainer caps.

ROT | Grade 5 ELI Titanium | Plastic

DO NOT sterilise in an autoclave, perform cold disinfection. Maximum divergence of 22° between implants.

Kirator divergence processing kit

Titanium housing

System	Reference
Kirator processing kit	TP8520D

Kirator divergence processing kit comprising: Titanium housing with black relined cap, spacer and purple, transparent and pink plastic caps.

Sterilise the metal coping using the autoclave. Plastic caps and spacers should be cold disinfected. See Cleaning and Disinfection Instructions on the Ziacom® website.

System	Retention (Kg)	Reference
Kirator	● Soft/1.20 kg	TPK110
	● Standard/1.80 kg	TPK220
	● Strong/2.70 kg	TPK330

Pack of 4 plastic Kirator retainer caps - divergent.

ROT | Grade 5 ELI Titanium | Plastic

DO NOT sterilise in an autoclave, perform cold disinfection. Maximum divergence of 44° between implants.

Example sequence

Kirator divergent processing pack references TPK110/TPK220/TPK330 are subject to availability.

ZM-Equator

ZM-Equator abutment with applicator

ZM-Equator abutment

Platf.	Height (H)	Reference
●	1.00	ZMZ2001
●	2.00	ZMZ2002
●	3.00	ZMZ2003
●	4.00	ZMZ2004
●	5.00	ZMZ2005
●	6.00	ZMZ2006
●	1.00	ZMZ3401
●	2.00	ZMZ3402
●	3.00	ZMZ3403
●	4.00	ZMZ3404
●	5.00	ZMZ3405
●	6.00	ZMZ3406
●	1.00	ZMZ5001
●	2.00	ZMZ5002
●	3.00	ZMZ5003
●	4.00	ZMZ5004

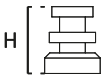
Gold-coloured surface treatment

ROT | 30 Ncm | 1,25mm | M1,60 | M1,80 | Grade 5 ELI Titanium

Includes ZM-Equator abutment with sterilisable polyoxymethylene inserter (Tecaform AH-POM-C).

Related abutments

ZM-Equator impression transfer

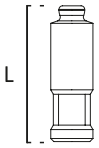


System	Height (H)	Reference
ZM-Equator	6.50	TCRK3410

ROT | Plastic

Pack of 4 units. DO NOT sterilise in an autoclave. Sculptable.

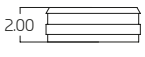
ZM-Equator analogue



System	Length (L)	Reference
ZM-Equator	13.20	IAZM01

ROT | Stainless Steel

ZM-Equator processing kit



Titanium housing

System	Reference
ZM-Equator processing kit	ZM8520

ZM-Equator processing kit consisting of: Titanium housing with black relined cap, spacer and purple, transparent and pink plastic caps.

Sterilise the metal coping using the autoclave. Plastic caps and spacers should be cold disinfected. See Cleaning and Disinfection Instructions on the Ziacom® website.

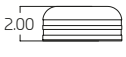
System	Retention (Kg)	Reference
ZM-Equator	● Soft/1.20 kg	TZM100
	● Standard/1.80 kg	TZM200
	● Strong/2.70 kg	TZM300

Pack of 4 plastic ZM-Equator retainer caps.

ROT | Grade 5 ELI Titanium | Plastic

DO NOT sterilise in an autoclave, perform cold disinfection. Maximum divergence of 22° between implants.

ZM-Equator divergence processing kit



Titanium housing

System	Reference
ZM-Equator processing kit	ZM8520D

ZM-Equator divergence processing kit comprising: Titanium housing with black relined cap, spacer and purple, transparent and pink plastic caps.

Sterilise the metal coping using the autoclave. Plastic caps and spacers should be cold disinfected. See Cleaning and Disinfection Instructions on the Ziacom® website.

System	Retention (Kg)	Reference
ZM-Equator	● Soft/1.20 kg	TZM100
	● Standard/1.80 kg	TZM200
	● Strong/2.70 kg	TZM300

Pack of 4 plastic ZM-Equator retainer caps - divergent.

ROT | Grade 5 ELI Titanium | Plastic

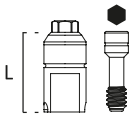
DO NOT sterilise in an autoclave, perform cold disinfection. Maximum divergence of 44° between implants.

Example sequence

Abutments

DIGITAL CAD-CAM

ZiaCam to implant scanbody



For more information on the recommendations for the use of interfaces in zirconia restorations see the literature available at **www.ziacom.com/biblioteca** or the use of abutments see the "Prosthetic procedure manual.

Platf.	Length (L)	Reference
●	8.00	FNSYZ201T
●	8.00	FNSYZ341T
●	8.00	FNSYZ501T

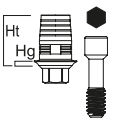
Anodising ■ NP ■ RP ■ WP

NO ROT · 1,25mm · M1,60 · M1,80 · PEEK · Grade 5 ELI Titanium

Indicated for clinical use.

All ZiaCam to implant scanbodies include a screw Ref. LBZ2000 (NP)/LBZ3400 (RP/WP).

ZiaCam Ti-Base



Rotatory

Platf.	Height (Hg/Ht)	Reference
●	0.50/5.00	FRUZ201
●	1.50/6.00	FRUZ202
●	0.50/5.00	FRUZ341
●	1.50/6.00	FRUZ342
●	0.50/5.00	FRUZ501
●	1.50/6.00	FRUZ502

ROT · 30 Ncm · 1,25mm · M1,60 · M1,80 · 45° · Grade 5 ELI Titanium

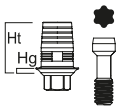
Non-rotatory

Platf.	Height (Hg/Ht)	Reference
●	0.50/5.00	FNUZ201
●	1.50/6.00	FNUZ202
●	0.50/5.00	FNUZ341
●	1.50/6.00	FNUZ342
●	0.50/5.00	FNUZ501
●	1.50/6.00	FNUZ502

NO ROT · 30 Ncm · 1,25mm · M1,60 · M1,80 · 45° · Grade 5 ELI Titanium

All ZiaCam Ti-Bases include a Kiran special screw with surface treatment Ref. DSZ2010 (NP)/DSZ3410 (RP/WP).

ZiaCam Tx30 Ti-Base



Rotatory

Platf.	Height (Hg/Ht)	Reference
●	0.50/6.00	FRUZ20TX1
●	1.50/7.00	FRUZ20TX2 (1)
●	0.50/6.00	FRUZ34TX1
●	1.50/7.00	FRUZ34TX2 (1)
●	0.50/6.00	FRUZ50TX1
●	1.50/7.00	FRUZ50TX2 (1)

ROT · 30 Ncm · M1,60 · M1,80 · 45° · Grade 5 ELI Titanium · 30° · 20° (1)

Non-rotatory

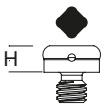
Platf.	Height (Hg/Ht)	Reference
●	0.50/6.00	FNUZ20TX1
●	1.50/7.00	FNUZ20TX2 (1)
●	0.50/6.00	FNUZ34TX1
●	1.50/7.00	FNUZ34TX2 (1)
●	0.50/6.00	FNUZ50TX1
●	1.50/7.00	FNUZ50TX2 (1)

NO ROT · 30 Ncm · M1,60 · M1,80 · 45° · Grade 5 ELI Titanium · 30° · 20° (1)

All ZiaCam Tx30 Ti-bases include a Kiran Tx30 special screw with surface treatment Ref. DSZ2010TX (NP)/ DSZ3410TX (RP/WP).

(1) Gingival heights of 1.50 mm have a maximum angle of 20° (all other heights have a maximum of 30°).

Kirator abutment.Toolbar



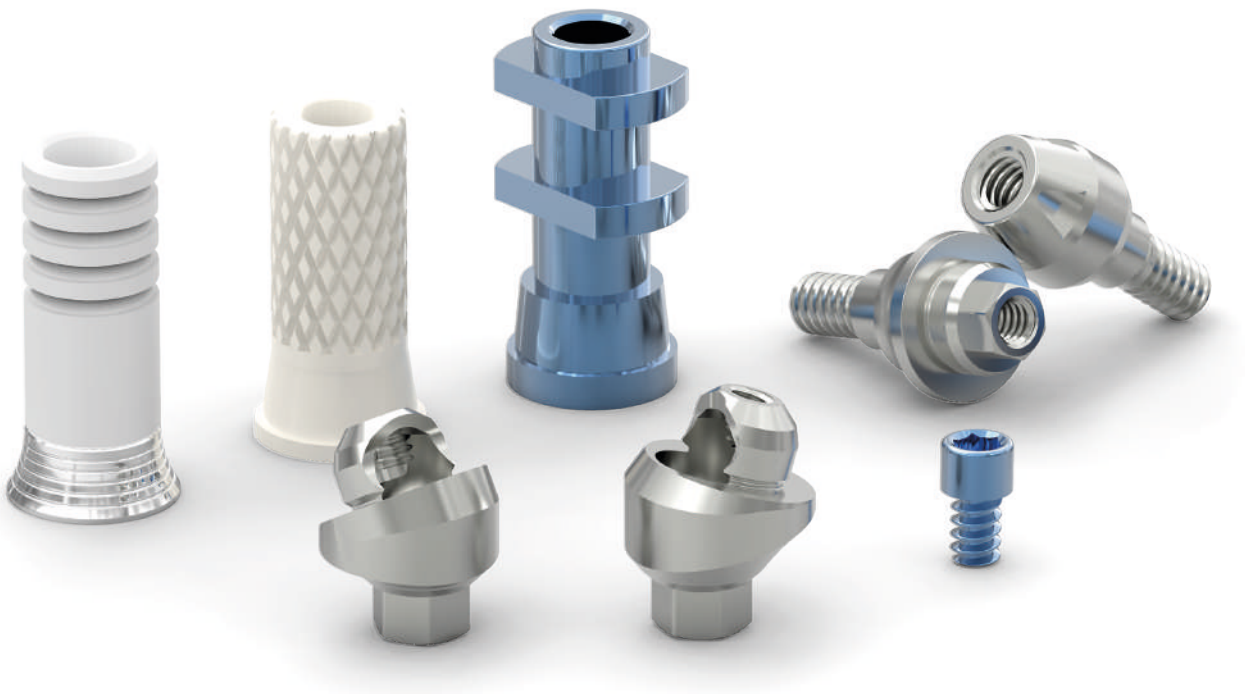
Platf.	Height (H)	Reference
Universal	1.80	LOTB100

Gold-coloured surface treatment.

ROT · Grade 5 ELI Titanium

Abutments

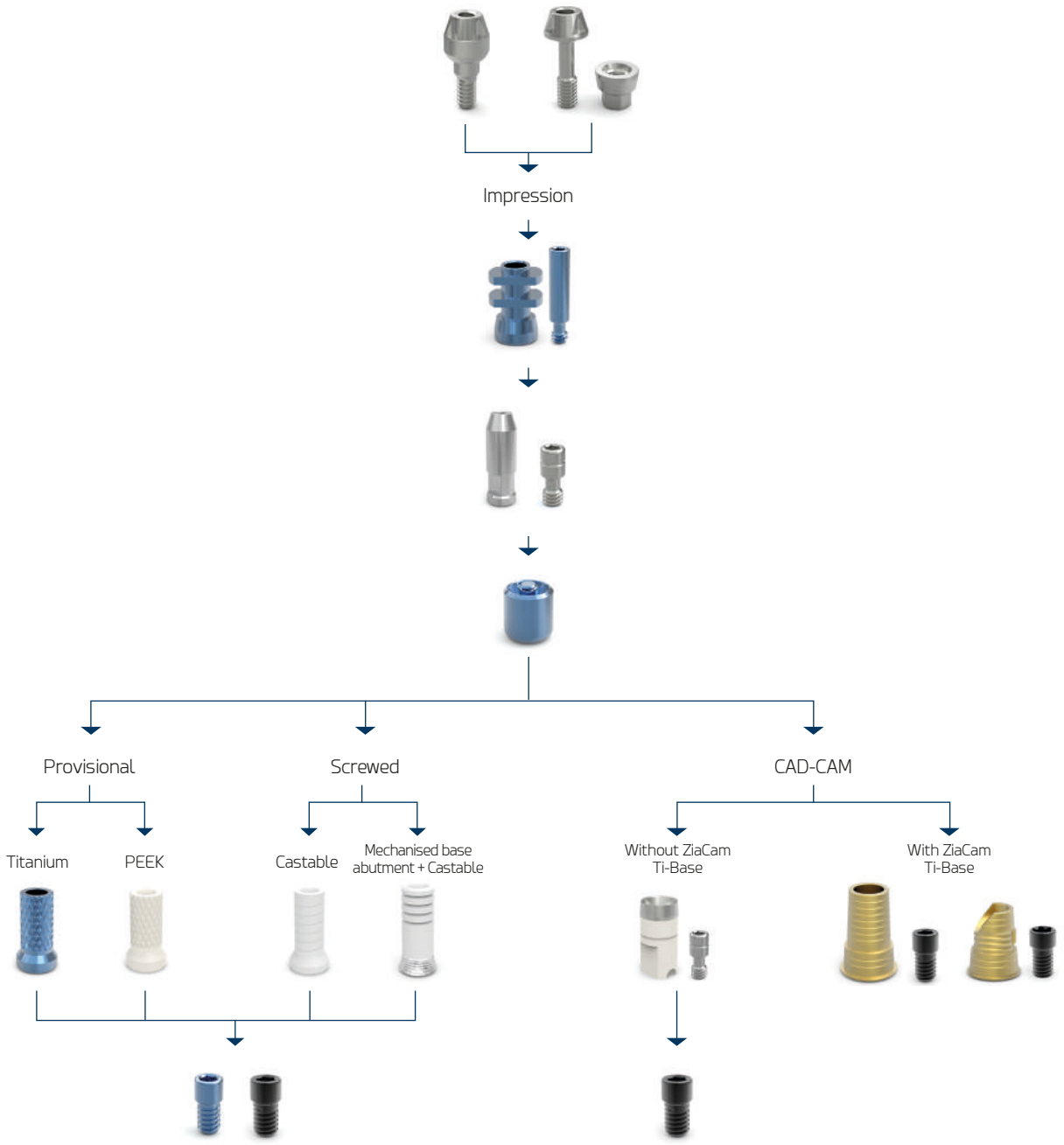
Restorations using transepithelials



Abutments

Restorations using transepithelials

Basic | Demonstrative sequence of use



For more information on the use of abutments see the "Prosthetic procedure manual" available at **www.ziacom.com/biblioteca**

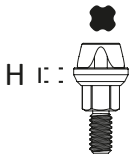
Basic abutment

Platf.	Height (H)	Reference
●	1.00	BASICZ201
●	2.00	BASICZ202
●	3.00	BASICZ203
●	4.00	BASICZ204
●	5.00	BASICZ205
●	1.00	BASICZ401
●	2.00	BASICZ402
●	3.00	BASICZ403
●	4.00	BASICZ404
●	5.00	BASICZ405
●	1.00	BASICZ501
●	2.00	BASICZ502
●	3.00	BASICZ503
●	4.00	BASICZ504

Insertion key Ref. MABA100/MABA110.

ROT | 30 Ncm | Basic | M1,60 | M1,80 | Grade 5 ELI Titanium

Basic abutment



Platf.	Height (H)	Reference
●	1.00	BASICZ201N
●	2.00	BASICZ202N
●	3.00	BASICZ203N
●	4.00	BASICZ204N
●	1.00	BASICZ401N
●	2.00	BASICZ402N
●	3.00	BASICZ403N
●	4.00	BASICZ404N
●	1.00	BASICZ501N
●	2.00	BASICZ502N
●	3.00	BASICZ503N
●	4.00	BASICZ504N

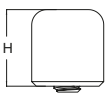
Insertion key Ref. MABA100/MABA110.

NO ROT | 30 Ncm | Basic | M1,60 | M1,80 | Grade 5 ELI Titanium

Basic abutment with applicator

Includes Basic abutment with sterilisable polyoxymethylene inserter (Tecaform AH-POM-C). 18° cone angle. 36° angle between abutments.

Basic healing abutment

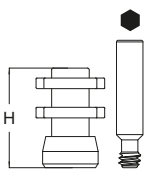


System	Height (H)	Reference
Basic	5.00	BAHAEX34

Anodising ■ RP

ROT | 1,25mm | M1,80 | Grade 5 ELI Titanium

Basic impression abutment



Rotatory

System	Height (H)	Reference
Basic	8.00	BATC134

Anodising ■ RP

ROT | 1,25mm | M1,80 | 45° | Grade 5 ELI Titanium

Non-rotatory

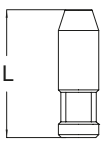
System	Height (H)	Reference
Basic	8.00	BATN134

Anodising ■ RP

NO ROT | 1,25mm | M1,80 | 45° | Grade 5 ELI Titanium

All Basic impression abutments include a screw.

Basic analogue



Rotatory

System	Length (L)	Reference
Basic	13.00	BAIAEX34

ROT | Stainless Steel

Non-rotatory

System	Length (L)	Reference
Basic	13.00	BAIANEX34

NO ROT | Stainless Steel

Basic 3D analogue

System	Length (L)	Reference
Basic	13.00	BAIAEX34D

NO ROT | Stainless Steel

Abutments

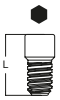
Basic clinical screw


System	Length (L)	Reference
Basic	4.30	BDSEI3400

Anodising RP

25 Ncm · 1,25mm · M1,80 · 45° · Grade 5 ELI Titanium

Kiran Basic clinical screw

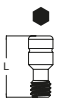



System	Length (L)	Reference
Basic	4.30	BDSEI3410

25 Ncm · 1,25mm · M1,80 · 45° · Grade 5 ELI Titanium

Kiran special screw with surface treatment.

Basic laboratory screw

System	Length (L)	Reference
Basic	5.50	BDSEI3401

1,25mm · M1,80 · 45° · Grade 5 ELI Titanium

NOT suitable for use as the final clinical screw.

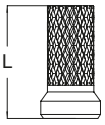
Kiran Tx30 Basic clinical screw


System	Length (L)	Reference
Basic	4.10	BDSEI34TX

25 Ncm · M1,80 · 45° · Grade 5 ELI Titanium

Kiran Tx30 special screw with surface treatment

Basic provisional abutment

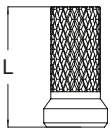



System	Length (L)	Reference
Basic	8.50	BARUT10

Anodising RP

ROT · Grade 5 ELI Titanium

Basic provisional abutment

Rotatory

System	Length (L)	Reference
Basic	8.50	BARUP34

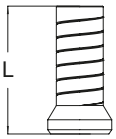
ROT · PEEK

Non-rotatory

System	Length (L)	Reference
Basic	8.50	BANUP34

NO ROT · PEEK

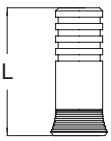
Basic UCLA abutment



System	Length (L)	Reference
Basic	9.00	BARUEX34

ROT · Full castable

Abutment base mec. Basic + Abutment calcinable

Rotatory

System	Length (L)	Reference
Basic	11.00	BBRU34

ROT · Co-Cr +castable

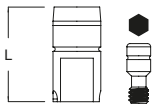
Non-rotatory

System	Length (L)	Reference
Basic	11.00	BBNU34

NO ROT · Co-Cr +castable

Basic

ZiaCam scanbody to Basic abutment



Rotatory

System	Length (L)	Reference
Basic	8.70	FNSYB11T

ROT · 1,25mm · M1,80 · 45° · PEEK · Grade 5 ELI Titanium

Non-rotatory

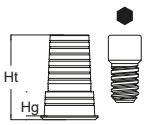
System	Length (L)	Reference
Basic	8.70	FNSYB11NT

NO ROT · 1,25mm · M1,80 · 45° · PEEK · Grade 5 ELI Titanium

Indicated for clinical use.

All ZiaCam scanbody to Basic abutments include a screw Ref. BDSEI3401.

ZiaCam to Basic Ti-Base



Rotatory

System	Height (Hg/Ht)	Reference
Basic	0.30/6.70	BFRU341

ROT · 25 Ncm · 1,25mm · M1,80 · 45° · Grade 5 ELI Titanium

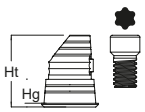
Non-rotatory

System	Height (Hg/Ht)	Reference
Basic	0.30/6.70	BFNU341

NO ROT · 25 Ncm · 1,25mm · M1,80 · 45° · Grade 5 ELI Titanium

All ZiaCam to Basic Ti-Bases come with a Kiran special screw with surface treatment Ref. BDSEI3410.

ZiaCam Tx30 to Basic Ti-Base



Rotatory

System	Height (Hg/Ht)	Reference
Basic	0.30/5.70	BFRU341TX

ROT · 25 Ncm · M1,80 · 45° · Grade 5 ELI Titanium · 30°

Non-rotatory

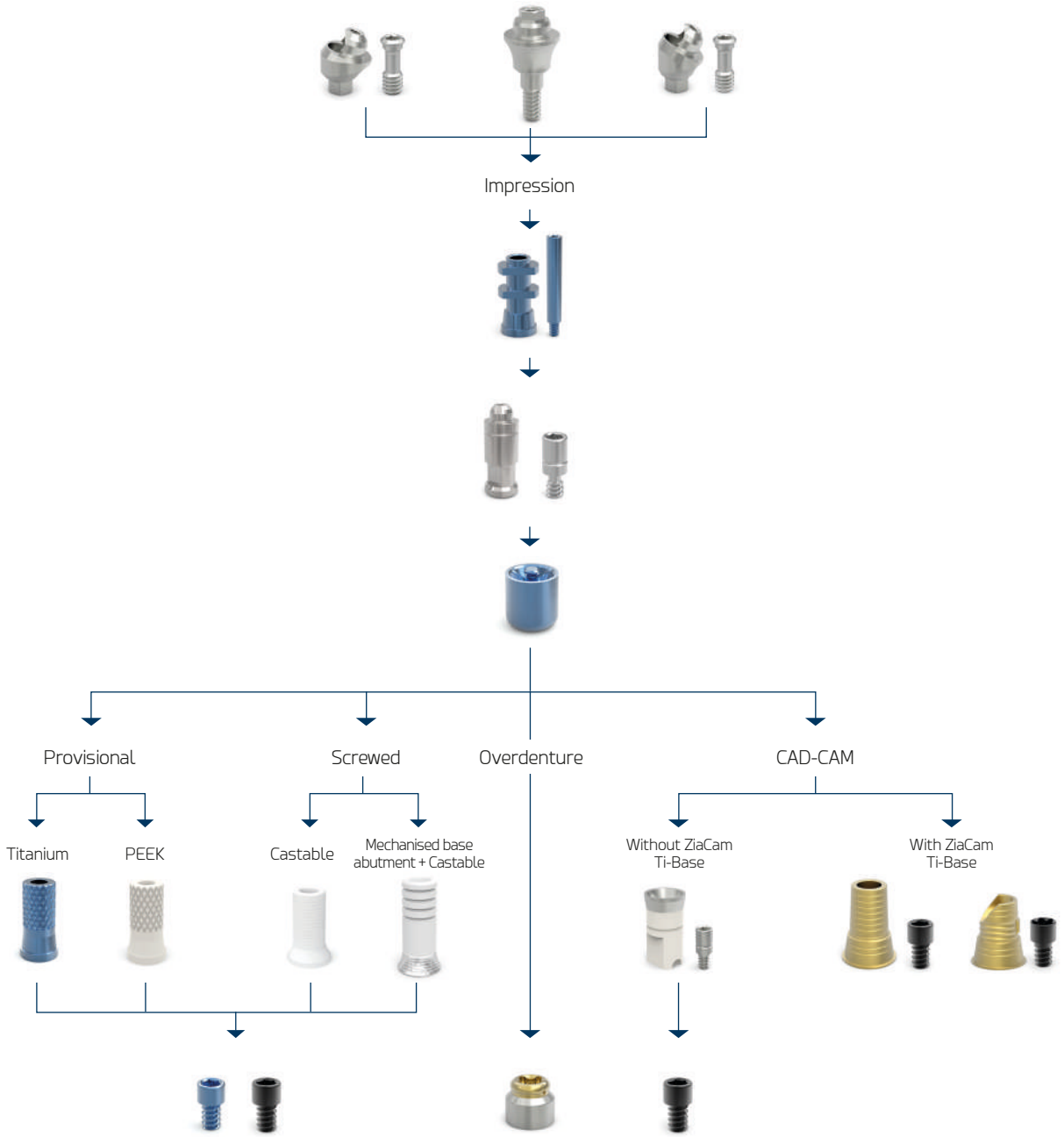
System	Height (Hg/Ht)	Reference
Basic	0.30/5.70	BFNU341TX

NO ROT · 25 Ncm · M1,80 · 45° · Grade 5 ELI Titanium · 30°

All ZiaCam Tx30 to Basic Ti-Bases come with a Kiran Tx30 special screw with surface treatment Ref. BDSEI34TX.

Restorations using transepithelials

XDrive | Demonstrative sequence of use



For more information on the use of abutments see the "Prosthetic procedure manual" available at **www.ziacom.com/biblioteca**

XDrive straight abutment

Platf.	Height (H)	Reference
●	1.00	XST00Z10
●	2.00	XST00Z20
●	3.00	XST00Z30
●	4.00	XST00Z40
●	5.00	XST00Z50
●	1.00	XST10Z10
●	2.00	XST10Z20
●	3.00	XST10Z30
●	4.00	XST10Z40
●	5.00	XST10Z50
●	1.00	XST20Z10
●	2.00	XST20Z20
●	3.00	XST20Z30
●	4.00	XST20Z40
●	5.00	XST20Z50

Insertion key Ref. MABA200/MABA210.

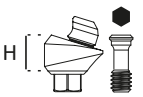
ROT | 30 Ncm | XDrive | M1,60 | M1,80 | Grade 5 ELI Titanium

Includes XDrive abutment with sterilisable polyoxymethylene inserter (Tecaform AH-POM-C).

21° cone angle. 42° angle between abutments.

XDrive abutment with applicator

XDrive 17° angled abutment

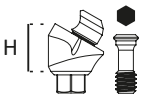


Platf.	Height (H)	Reference
●	2.00	XA200Z17
●	3.00	XA300Z17
●	4.00	XA400Z17
●	5.00	XA500Z17
●	2.00	XA210Z17
●	3.00	XA310Z17
●	4.00	XA410Z17
●	5.00	XA510Z17
●	2.00	XA220Z17
●	3.00	XA320Z17
●	4.00	XA420Z17
●	5.00	XA520Z17

NO ROT | 30 Ncm | 1,25mm | M1,60 | M1,80 | 45° | Grade 5 ELI Titanium

All XDrive angled abutments come with a stainless steel positioner and screw.

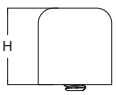
XDrive 30° angled abutment



Platf.	Height (H)	Reference
●	3.00	XA300Z30
●	4.00	XA400Z30
●	5.00	XA500Z30
●	3.00	XA310Z30
●	4.00	XA410Z30
●	5.00	XA510Z30
●	3.00	XA320Z30
●	4.00	XA420Z30
●	5.00	XA520Z30

NO ROT | 30 Ncm | 1,25mm | M1,60 | M1,80 | 45° | Grade 5 ELI Titanium

XDrive healing abutment

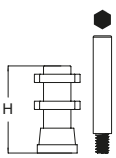


System	Height (H)	Reference
XDrive	5.00	XH103400

Anodised ■ RP

ROT | 1,25mm | M1,40 | Grade 5 ELI Titanium

XDrive impression abutment



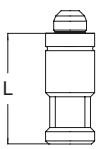
System	Height (H)	Reference
XDrive	10.50	XT103411

Anodised ■ RP

ROT | 1,25mm | M1,40 | 90° | Grade 5 ELI Titanium

Includes screw.

XDrive analogue



System	Length (L)	Reference
XDrive	13.00	XIA103400

ROT | Stainless Steel

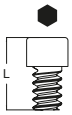
XDrive 3D analogue

System	Length (L)	Reference
XDrive	13.00	XIA103400D

ROT | Stainless Steel

Abutments

XDrive clinical screw

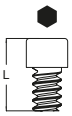


System	Length (L)	Reference
XDrive	3.50	XDS103410

Anodising RP

20 Ncm | 1,25mm | M1,40 | 90° | Grade 5 ELI Titanium

Kiran XDrive clinical screw

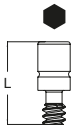


System	Length (L)	Reference
XDrive	3.50	XDS103411

20 Ncm | 1,25mm | M1,40 | 90° | Grade 5 ELI Titanium

Kiran special screw with surface treatment.

XDrive laboratory screw

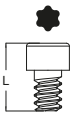


System	Length (L)	Reference
XDrive	5.10	XLB103410

1,25mm | M1,40 | 90° | Grade 5 ELI Titanium

NOT suitable for use as the final clinical screw.

Kiran Tx30 XDrive clinical screw



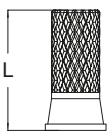
For ZiaCam Ti-Base or metal structures

System	Length (L)	Reference
XDrive	3.50	XDS3411TX

20 Ncm | M1,40 | 90° | Grade 5 ELI Titanium

Kiran Tx30 special screw with surface treatment

XDrive provisional abutment

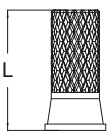


System	Length (L)	Reference
XDrive	9.50	XST3410

Anodising RP

ROT | Grade 5 ELI Titanium

XDrive provisional abutment

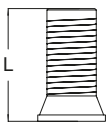


System	Length (L)	Reference
XDrive	9.50	XSP3410

ROT | PEEK

XDrive

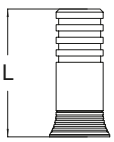
XDrive UCLA



System	Length (L)	Reference
XDrive	8.00	XRU103400

ROT | Full castable

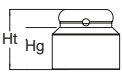
XDrive mechanised base abutment + Castable abutment



System	Length (L)	Reference
XDrive	11.00	XBRU34

ROT | Co-Cr +castable

Kirator XDrive abutment

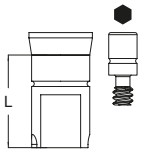


System	Height (Hg/Ht)	Reference
XDrive	3.00/4.30	XL03400

Kirator abutment with gold surface treatment.

ROT | 20 Ncm | Kirator | M1,40 | Grade 5 ELI Titanium

ZiaCam scanbody to XDrive abutment



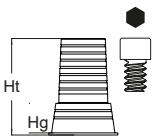
System	Length (L)	Reference
XDrive	8.70	FNSYX11T

ROT · 1,25mm · M1,40 · 90° · PEEK · Grade 5 ELI Titanium

Indicated for clinical use.

All ZiaCam scanbody to XDrive abutments include a screw Ref. XLB103410.

ZiaCam XDrive Ti-Base

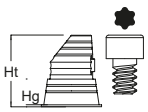


System	Height (Hg/Ht)	Reference
XDrive	0.15/6.70	XFRU341

ROT · 20 Ncm · 1,25mm · M1,40 · 90° · Grade 5 ELI Titanium

Includes Kiran special screw with surface treatment Ref. XDS103411.

ZiaCam Tx30 XDrive Ti-Base



System	Height (Hg/Ht)	Reference
XDrive	0.15/5.70	XFRU341TX

ROT · 20 Ncm · M1,40 · 90° · Grade 5 ELI Titanium · 30°

Includes Kiran Tx30 special screw with surface treatment Ref. XDS3411TX.

Table of abutment torques

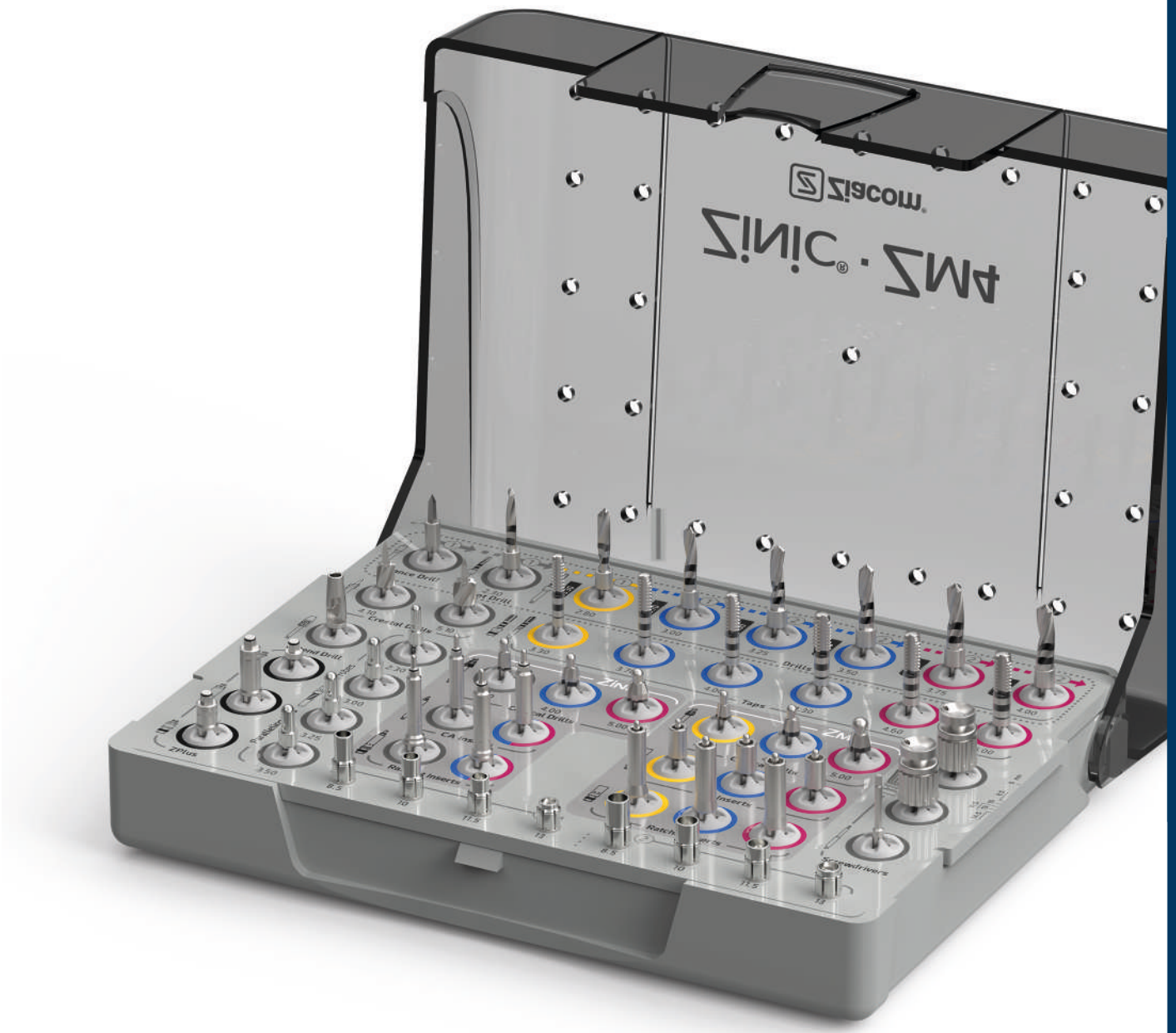
Element/Attachment	Instrument/Tool	Torque
Cover screws/Healing abutments	Hex screwdriver 1.25 mm	Manual
Impression abutment screws	Hex screwdriver 1.25 mm	Manual
Laboratory screws	Hex screwdriver 1.25 mm	Manual
Direct-to-implant clinical screws	Hex screwdriver 1.25 mm	30 Ncm
Direct-to-implant Kiran clinical screws	Hex screwdriver 1.25 mm	30 Ncm
Basic/XDrive abutments	Insertion keys: MABA100/MABA110/MABA200/MABA210	30 Ncm
Clinical screws on Basic	Hex screwdriver 1.25 mm	25 Ncm
Kiran clinical screws on Basic	Hex screwdriver 1.25 mm	25 Ncm
Clinical screws on XDrive	Hex screwdriver 1.25 mm	20 Ncm
Kiran clinical screws on XDrive	Hex screwdriver 1.25 mm	20 Ncm
ZiaCam scanbody + screw	Hex screwdriver 1.25 mm	Manual
Kirator abutments	Insertion keys: LOSD01/LOSD02	30 Ncm
ZM-Equator abutments	Hex screwdriver 1.25 mm	30 Ncm
Tx30 abutment/screw (Variable Rotation)	Tx30 Torx screwdriver	30 Ncm

ATTENTION
Exceeding the recommended tightening torque for screws and abutments compromises the prosthetic restoration and could damage the implant structure.

For immediate loading: DO NOT tighten manually, attach with the final torque.
When using a screwdriver or adaptor for a contra-angle handpiece (CA), do not exceed a maximum speed of 25 rpm.

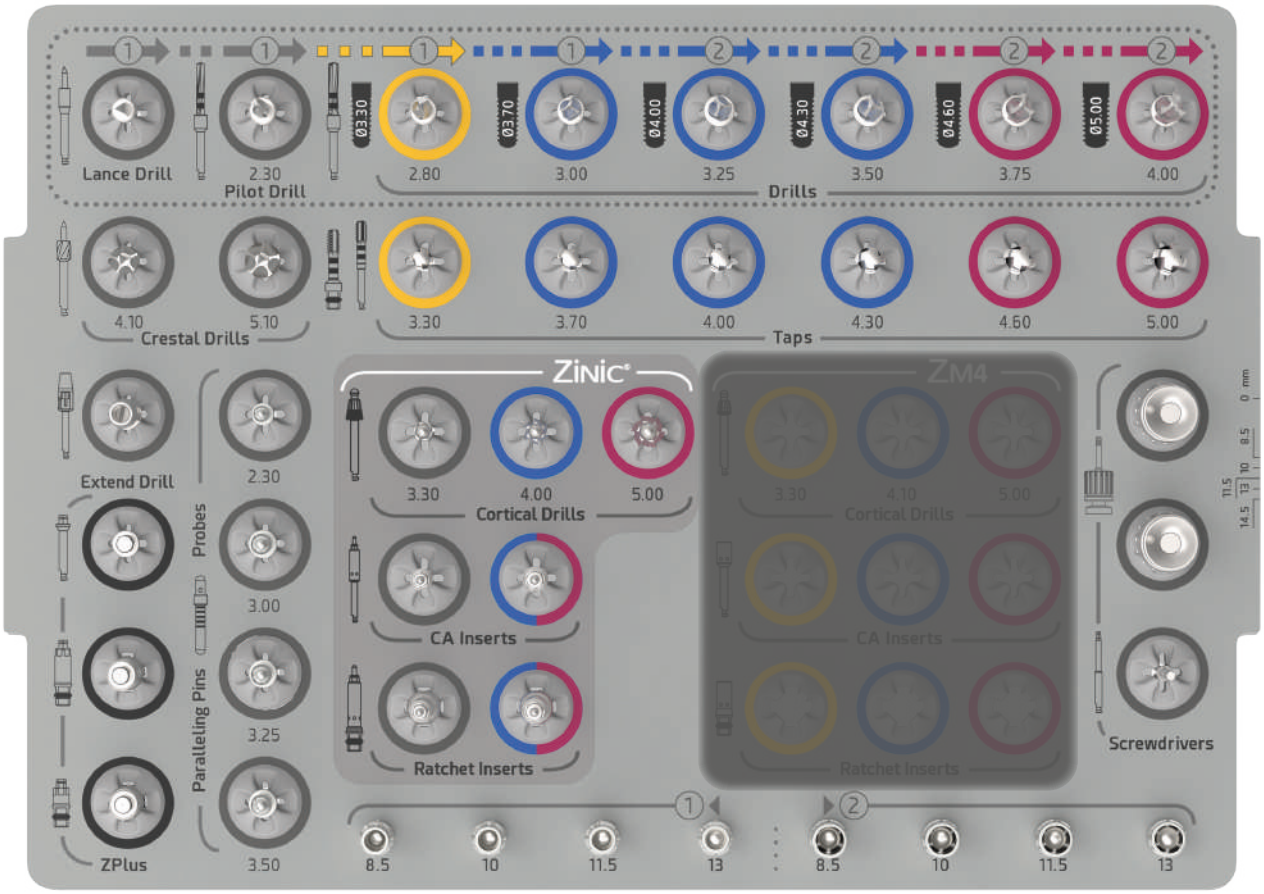
ZiNiC®

Surgical instruments



Surgical instruments

Zinic® surgical box



■ Available Zinic® boxes

Platf.	Contents	Reference
	Empty	BOX801
	Empty, CA	BOX801M
	Basic, manual. Surgical ratchet	BOX810ZS
	Basic, manual. Torque wrench	BOX810ZSK
	Basic, CA. Surgical ratchet	BOX810ZSM
	Basic, CA. Torque wrench	BOX810ZSMK
	Complete, manual. Surgical ratchet	BOX810ZC
	Complete, manual. Torque wrench	BOX810ZCK
	Complete, CA. Surgical ratchet	BOX810ZCM
	Complete, CA. Torque wrench	BOX810ZCMK

134°

Material: Radel®.

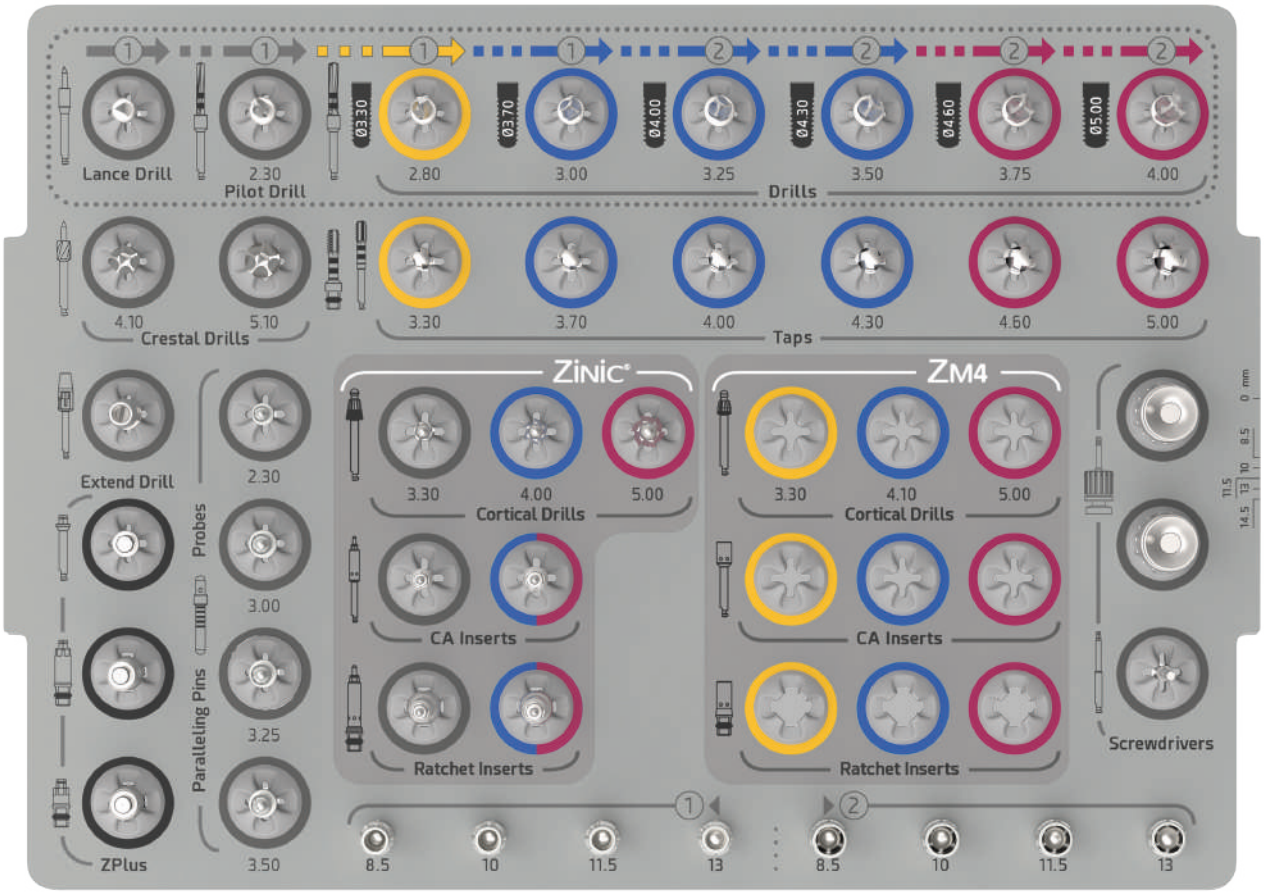
Ensure boxes do not touch the walls of the autoclave to avoid damage.

Contents of surgical boxes

REF	Description	BOX810ZS	BOX810ZSK	BOX810ZSM	BOX810ZSMK	BOX810ZC	BOX810ZCK	BOX810ZCM	BOX810ZCMK
SID00	Lance drill. Ø2.30mm. CA.	●	○	●	○	●	○	●	○
OSPD23	Pilot drill. Ø2.30mm. Millimeter. CA.	●	○	●	○	●	○	●	○
OSTD28	Surgical drill. ZM4/Zinic®. Ø2.80mm. Millimeter. CA.	●	○	●	○	●	○	●	○
OSTD30	Surgical drill. ZM4/Zinic®. Ø3.00mm. Millimeter. CA.	●	○	●	○	●	○	●	○
OTD32	Surgical drill. ZM4/Zinic®. Ø3.25mm. Millimeter. CA.	●	○	●	○	●	○	●	○
OSTD35	Surgical drill. ZM4/Zinic®. Ø3.50mm. Millimeter. CA.	●	○	●	○	●	○	●	○
OTD37	Surgical drill. ZM4/Zinic®. Ø3.75mm. Millimeter. CA.	●	○	●	○	●	○	●	○
OTD40	Surgical drill. ZM4/Zinic®. Ø4.00mm. Millimeter. CA.	●	○	●	○	●	○	●	○
OTD01CZ	Cortical drill. Zinic®. NP. CA.	●	○	●	○	●	○	●	○
OTD02CZ	Cortical drill. Zinic®. RP. CA.	●	○	●	○	●	○	●	○
OTD03CZ	Cortical drill. Zinic®. WP. CA.	●	○	●	○	●	○	●	○
CLD34	Crestal drill. Ø4.10mm. CA.					●	○	●	○
CLD50	Crestal drill. Ø5.10mm. CA.					●	○	●	○
NTPD185	Calibrated drill stop. ZM4/Zinic®. H8.50mm. Grade 5 ELI titanium					●	○	●	○
NTPD110	Calibrated drill stop. ZM4/Zinic®. H10mm. Grade 5 ELI titanium					●	○	●	○
NTPD115	Calibrated drill stop. ZM4/Zinic®. H11.50mm. Grade 5 ELI titanium					●	○	●	○
NTPD113	Calibrated drill stop. ZM4/Zinic®. H13mm. Grade 5 ELI titanium					●	○	●	○
NTPD285	Calibrated drill stop. ZM4/Zinic®. H8.50mm. Grade 5 ELI titanium					●	○	●	○
NTPD210	Calibrated drill stop. ZM4/Zinic®. H10mm. Grade 5 ELI titanium					●	○	●	○
NTPD215	Calibrated drill stop. ZM4/Zinic®. H11.50mm. Grade 5 ELI titanium					●	○	●	○
NTPD213	Calibrated drill stop. ZM4/Zinic®. H13mm. Grade 5 ELI titanium					●	○	●	○
TAPST33	Surgical tap. ZM4/Zinic®. NP. Ø3.30 mm. Ratchet	●	○			●	○		
TAPST37	Surgical tap. ZM4/Zinic®. RP. Ø3.70mm. Ratchet	●	○			●	○		
TAPST40	Surgical tap. ZM4/Zinic®. RP. Ø4.00mm. Ratchet	●	○			●	○		
TAPST42	Surgical tap. ZM4/Zinic®. RP. Ø4.30mm. Ratchet	●	○			●	○		
TAPST46	Surgical tap. ZM4/Zinic®. WP. Ø4.60mm. Ratchet	●	○			●	○		
TAPST50	Surgical tap. ZM4/Zinic®. WP. Ø5.00mm. Ratchet	●	○			●	○		
MTAPST33	Surgical tap. ZM4/Zinic®. NP. Ø3.30mm. CA.			●	○			●	○
MTAPST37	Surgical tap. ZM4/Zinic®. RP. Ø3.70mm. CA.			●	○			●	○
MTAPST40	Surgical tap. ZM4/Zinic®. RP. Ø4.00mm. CA.			●	○			●	○
MTAPST42	Surgical tap. ZM4/Zinic®. RP. Ø4.30mm. CA.			●	○			●	○
MTAPST46	Surgical tap. ZM4/Zinic®. WP. Ø4.60mm. CA.			●	○			●	○
MTAPST50	Surgical tap. ZM4/Zinic®. WP. Ø5.00mm. CA.			●	○			●	○
MUR100	Probe/Paralleling pin. ZM4/Zinic®. Ø2.30mm. Millimeter. Grade 5 ELI titanium					●	○	●	○
MUR200	Probe/Paralleling pin. ZM4/Zinic®. Ø3.00mm. Millimeter. Grade 5 ELI titanium					●	○	●	○
MUR300	Probe/Paralleling pin. ZM4/Zinic®. Ø3.25mm. Millimeter. Grade 5 ELI titanium					●	○	●	○
MUR400	Probe/Paralleling pin. ZM4/Zinic®. Ø3.50mm. Millimeter. Grade 5 ELI titanium					●	○	●	○
TLMIN	ZPlus insertion key. Long. Ratchet	●	○	●	○	●	○	●	○
TSMIN	ZPlus insertion key. Short. Ratchet	●	○	●	○	●	○	●	○
01MMIN	ZPlus insertion key. Short. CA.	●	○	●	○	●	○	●	○
LMZ	Zinic® insertion key. Zinic®/Zinic® MT. NP. Long. Ratchet	●	○	●	○	●	○	●	○
SMZ1	Zinic® insertion key. Zinic®/Zinic® MT/Zinic® Shorty. RP/WP. Short. Ratchet	●	○	●	○	●	○	●	○
MMZ	Zinic® insertion key. Zinic®/Zinic® MT. NP. Short. CA.	●	○	●	○	●	○	●	○
MMZ1	Zinic® insertion key. Zinic® MT/Zinic® Shorty. RP/WP. Short. CA.	●	○	●	○	●	○	●	○
DEXT10	Drill extender	●	○	●	○	●	○	●	○
01M0HW	ZPlus block key. Manual	●	○	●	○	●	○	●	○
RATC50	Implant ratchet. Manual	●		●		●		●	
MESD	Screwdriver tip. Ø1.25mm. CA.	●	○	●	○	●	○	●	○
SMSD	Surgical screwdriver. Ø1.25mm. Short. Manual	●	○	●	○	●	○	●	○
LMSD	Surgical screwdriver. Ø1.25mm. Long. Manual	●	○	●	○	●	○	●	○
TORK50	Adjustable torque wrench. 10/20/30/40/50/60/70 Ncm		○		○		○		○

Surgical instruments

Zinic® · ZM4 surgical box



■ Available Zinic® · ZM4 boxes

Platf.	Contents	Reference
	Empty	BOX801
	Empty, CA	BOX801M
●	Basic, manual. Surgical ratchet	BOX811S
●	Basic, manual. Torque wrench	BOX811SK
●	Basic, CA. Surgical ratchet	BOX811SM
●	Basic, CA. Torque wrench	BOX811SMK
●	Complete, manual. Surgical ratchet	BOX811C
●	Complete, manual. Torque wrench	BOX811CK
	Complete, CA. Surgical ratchet	BOX811CM
	Complete, CA. Torque wrench	BOX811CMK

134°

Material: Radel.

Ensure boxes do not touch the walls of the autoclave to avoid damage.

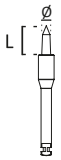
Contents of surgical boxes

REF	Description	BOX811S	BOX811SK	BOX811SM	BOX811SMK	BOX811C	BOX811CK	BOX811CM	BOX811CMK
SID00	Lance drill. Ø2.30mm. CA.	●	○	●	○	●	○	●	○
OSPD23	Pilot drill. Ø2.30mm. Millimeter. CA.	●	○	●	○	●	○	●	○
OSTD28	Surgical drill. ZM4/Zinic®. Ø2.80mm. Millimeter. CA.	●	○	●	○	●	○	●	○
OSTD30	Surgical drill. ZM4/Zinic®. Ø3.00mm. Millimeter. CA.	●	○	●	○	●	○	●	○
OTD32	Surgical drill. ZM4/Zinic®. Ø3.25mm. Millimeter. CA.	●	○	●	○	●	○	●	○
OSTD35	Surgical drill. ZM4/Zinic®. Ø3.50mm. Millimeter. CA.	●	○	●	○	●	○	●	○
OTD37	Surgical drill. ZM4/Zinic®. Ø3.75mm. Millimeter. CA.	●	○	●	○	●	○	●	○
OTD40	Surgical drill. ZM4/Zinic®. Ø4.00mm. Millimeter. CA.	●	○	●	○	●	○	●	○
MTD20	Cortical drill. ZM4. NP. CA.	●	○	●	○	●	○	●	○
STD41	Cortical drill. ZM4. RP. Millimeter. CA.	●	○	●	○	●	○	●	○
STD50	Cortical drill. ZM4. WP. Millimeter. CA.	●	○	●	○	●	○	●	○
OTD01CZ	Cortical drill. Zinic®. NP. CA.	●	○	●	○	●	○	●	○
OTD02CZ	Cortical drill. Zinic®. RP. CA.	●	○	●	○	●	○	●	○
OTD03CZ	Cortical drill. Zinic®. WP. CA.	●	○	●	○	●	○	●	○
CLD34	Crestal drill. Ø4.10mm. CA.					●	○	●	○
CLD50	Crestal drill. Ø5.10mm. CA.					●	○	●	○
NTPD185	Calibrated drill stop. ZM4/Zinic®. H8.50mm. Grade 5 ELI titanium					●	○	●	○
NTPD110	Calibrated drill stop. ZM4/Zinic®. H10mm. Grade 5 ELI titanium					●	○	●	○
NTPD115	Calibrated drill stop. ZM4/Zinic®. H11.50mm. Grade 5 ELI titanium					●	○	●	○
NTPD113	Calibrated drill stop. ZM4/Zinic®. H13mm. Grade 5 ELI titanium					●	○	●	○
NTPD285	Calibrated drill stop. ZM4/Zinic®. H8.50mm. Grade 5 ELI titanium					●	○	●	○
NTPD210	Calibrated drill stop. ZM4/Zinic®. H10mm. Grade 5 ELI titanium					●	○	●	○
NTPD215	Calibrated drill stop. ZM4/Zinic®. H11.50mm. Grade 5 ELI titanium					●	○	●	○
NTPD213	Calibrated drill stop. ZM4/Zinic®. H13mm. Grade 5 ELI titanium					●	○	●	○
TAPST33	Surgical tap. ZM4/Zinic®. NP. Ø3.30mm. Ratchet	●	○			●	○		
TAPST37	Surgical tap. ZM4/Zinic®. RP. Ø3.70mm. Ratchet	●	○			●	○		
TAPST40	Surgical tap. ZM4/Zinic®. RP. Ø4.00mm. Ratchet	●	○			●	○		
TAPST42	Surgical tap. ZM4/Zinic®. RP. Ø4.30mm. Ratchet	●	○			●	○		
TAPST46	Surgical tap. ZM4/Zinic®. WP. Ø4.60mm. Ratchet	●	○			●	○		
TAPST50	Surgical tap. ZM4/Zinic®. WP. Ø5.00mm. Ratchet	●	○			●	○		
MTAPST33	Surgical tap. ZM4/Zinic®. NP. Ø3.30mm. CA.			●	○			●	○
MTAPST37	Surgical tap. ZM4/Zinic®. RP. Ø3.70mm. CA.			●	○			●	○
MTAPST40	Surgical tap. ZM4/Zinic®. RP. Ø4.00mm. CA.			●	○			●	○
MTAPST42	Surgical tap. ZM4/Zinic®. RP. Ø4.30mm. CA.			●	○			●	○
MTAPST46	Surgical tap. ZM4/Zinic®. WP. Ø4.60mm. CA.			●	○			●	○
MTAPST50	Surgical tap. ZM4/Zinic®. WP. Ø5.00mm. CA.			●	○			●	○
MUR100	Probe/Paralleling pin. ZM4/Zinic®. Ø2.30mm. Millimeter. Grade 5 ELI titanium					●	○	●	○
MUR200	Probe/Paralleling pin. ZM4/Zinic®. Ø3.00mm. Millimeter. Grade 5 ELI titanium					●	○	●	○
MUR300	Probe/Paralleling pin. ZM4/Zinic®. Ø3.25mm. Millimeter. Grade 5 ELI titanium					●	○	●	○
MUR400	Probe/Paralleling pin. ZM4/Zinic®. Ø3.50mm. Millimeter. Grade 5 ELI titanium					●	○	●	○
TLMIN	ZPlus insertion key. Long. Ratchet	●	○	●	○	●	○	●	○
TSMIN	ZPlus insertion key. Short. Ratchet	●	○	●	○	●	○	●	○
01MMIN	ZPlus insertion key. Short. CA.	●	○	●	○	●	○	●	○
LMZ	Zinic® insertion key. Zinic®/Zinic® MT®. NP. Long. Ratchet	●	○	●	○	●	○	●	○
SMZ1	Zinic® insertion key. Zinic®/Zinic® MT®/Zinic® Shorty. RP/WP. Short. Ratchet	●	○	●	○	●	○	●	○
MMZ	Zinic® insertion key. Zinic®/Zinic® MT®. NP. Short. CA.	●	○	●	○	●	○	●	○
MMZ1	Zinic® insertion key. Zinic® MT/Zinic® Shorty. RP/WP. Short. CA.	●	○	●	○	●	○	●	○
MMEX20	ZM4 insertion key. ZM4/ZM1/ZM4 MT. NP. CA.	●	○	●	○	●	○	●	○
SMEX20	ZM4 insertion key. ZM4/ZM1/ZM4 MT. NP. Ratchet	●	○	●	○	●	○	●	○
MMEX34	ZM4 insertion key. ZM4/ZM8/ZM1/ZM4 MT. RP. CA.	●	○	●	○	●	○	●	○
SMEX34	ZM4 insertion key. ZM4/ZM8/ZM1/ZM4 MT. RP. Ratchet	●	○	●	○	●	○	●	○
MMEX50	ZM4 insertion key. ZM4/ZM1/ZM4 MT. WP. CA.	●	○	●	○	●	○	●	○
SMEX50	ZM4 insertion key. ZM4/ZM1/ZM4 MT. WP. Ratchet	●	○	●	○	●	○	●	○
DEXT10	Drill extender	●	○	●	○	●	○	●	○
01M0HW	ZPlus block key. Manual	●	○	●	○	●	○	●	○
RATC50	Implant ratchet. Manual	●		●		●		●	
MESD	Screwdriver tip. Ø1.25mm. CA.	●	○	●	○	●	○	●	○
SMSD	Surgical screwdriver. Ø1.25mm. Short. Manual	●	○	●	○	●	○	●	○
LMSD	Surgical screwdriver. Ø1.25mm. Long. Manual	●	○	●	○	●	○	●	○
TORK50	Adjustable torque wrench. 10/20/30/40/50/60/70 Ncm		○		○		○		○

Surgical instruments

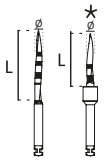
SURGICAL DRILLS

Lance drill



Platf.	Diameter (Ø)	Length (L)	Reference
●●●	1.80	5.00	SID01
	2.30	6.50	SID00

Lance drill

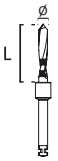


Platf.	Diameter (Ø)	Length (L)	Reference
●●●	2.00	18.90	MSID00
	2.00	14.50	MSID00T*

Millimeter: 8.5/10/11.5/13/14.5

MSID00T*: suitable for calibrated drill stopper

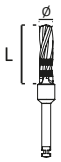
Pilot drill



Platf.	Diameter (Ø)	Length (L)	Reference
●●●	2.30	15.00	OSPD23

Millimeter: 8.5/10/11.5/13/14.5

Surgical drill



Platf.	Diameter (Ø)	Length (L)	Reference
●	2.80	15.00	OSTD28
●	3.00	15.00	OSTD30
●	3.25	15.00	OTD32
●	3.50	15.00	OSTD35
●	3.75	15.00	OTD37
●	4.00	15.00	OTD40

Millimeter: 8.5/10/11.5/13/14.5

Cortical drill

Platf.	Diameter (Ø)	Reference
●	3.30	OTD01CZ
●	3.80	OTD02CZ
●	4.80	OTD03CZ

See surgical drilling protocol for more information on using the cortical drill.

Crestal drill

Platf.	Diameter (Ø)	Reference
Universal	4.10	CLD34
	5.10	CLD50

PINS

Calibrated drill stop

Drill	Type	Implant length (L)	Reference
Pilot		8.50	NTPD185
●	1	10.00	NTPD110
●		11.50	NTPD115
		13.00	NTPD113
		8.50	NTPD285
●	2	10.00	NTPD210
●		11.50	NTPD215
		13.00	NTPD213
Pack*		--	KSTPD100

*Complete pack of 8 calibrated stops.

TAPS

Surgical tap. Ratchet

Platf.	Diameter (Ø)	Reference
●	3.30	TAPST33
●	3.70	TAPST37
●	4.00	TAPST40
●	4.30	TAPST42
●	4.60	TAPST46
●	5.00	TAPST50

■ Square 4x4 mm

Millimeter: 8.5/10/11.5/13/14.5

See surgical drilling protocol for more information on using tap.

Surgical tap. CA

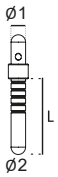
Platf.	Diameter (Ø)	Reference
●	3.30	MTAPST33
●	3.70	MTAPST37
●	4.00	MTAPST40
●	4.30	MTAPST42
●	4.60	MTAPST46
●	5.00	MTAPST50

Millimeter: 8.5/10/11.5/13/14.5

See surgical drilling protocol for more information on using tap.

PROBES

Probe/Paralleling pin



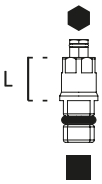
Platf.	Diameters (Ø1-Ø2)	Length (L)	Reference
●	2,30-2,30	15,50	MUR100
●	3,00-3,00	15,50	MUR200
●	3,00-3,25	15,50	MUR300
●	3,00-3,50	15,50	MUR400

Millimeter: 8,5/10/11,5/13/14,5

Grade 5 ELI Titanium

KEYS

ZPlus insertion key. Ratchet



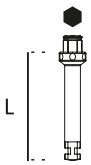
Platf.	Length (L)	Reference
ZPlus	3.10/Mini	XSMIN *
	5.60/Short	TSMIN
	10.60/Long	TLMIN

⬢ Hexagonal 2.4 mm / ■ Square 4x4 mm

Stainless Steel

* Ref. XSMIN is NOT included in the surgical box.

ZPlus insertion key. CA



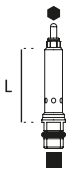
Platf.	Length (L)	Reference
ZPlus	15.90	01MMIN
	23.90	02MMIN *

⬢ Hexagonal 2.4 mm

Stainless Steel

* Ref. 02MMIN is NOT included in the surgical box.

Zinic® insertion key. Ratchet



Platf.	Length (L)	Reference
●	5.00/Short	SMZ *
	15.00/Long	LMZ
● ●	5.00/Short	SMZ1
	15.00/Long	LMZ1 *

⬢ Hexagonal NP 2.10 mm
⬢ Hexagonal RP/WP 2.42 mm
■ Square 4x4 mm

Stainless Steel

* Ref. SMZ/LMZ1 are NOT included in the surgical box.

Zinic® insertion key. CA

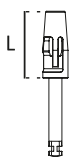
Platf.	Length (L)	Reference
●	19.50/Short	MMZ
●	27.50/Long	MMZA *
● ●	19.50/Short	MMZ1
● ●	27.50/Long	MMZ1A *

⬢ Hexagonal NP 2.10 mm
⬢ Hexagonal RP/WP 2.2 mm

Stainless Steel

* Ref. MMZA/MMZ1A are NOT included in the surgical box.

Drill extender



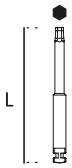
Platf.	Length (L)	Reference
Universal	12.00	DEXT10

Stainless Steel

Surgical instruments

SCREWDRIVERS

Screwdriver tip. CA



Platf.	Length (L)	Reference
Universal	20.00/Short	MESD01
	25.00/Long	MESD

Hexagonal 1.25 mm

1,25mm · Stainless Steel

Surgical screwdriver. Manual

Platf.	Length (L)	Reference
Universal	2.80/Mini	XSMSD
	9.50/Short	SMSD
	14.50/Long	LMSD
	27.00/Extralong	XLMSD

Hexagonal 1.25 mm

1,25mm · Stainless Steel

ZPlus lock key

Platf.	Length (L)	Reference
ZPlus	90.00	01MOHW

Hexagonal 2.4 mm

Stainless Steel

RATCHETS

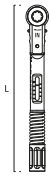
Implant ratchet

Platf.	Length (L)	Reference
Universal	69.80	RATC50

Square 4x4 m

Stainless Steel · Grade 5 ELI Titanium

Adjustable torque wrench



Platf.	Length (L)	Reference
Universal	86.80	TORK50

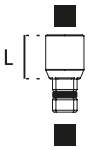
Square 4x4 mm

Nm 10 20 30 40 50 60 70 · Stainless Steel

Complementary instruments

ADAPTORS

Ratchet extender

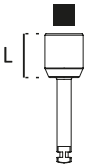


Platf.	Length (L)	Reference
Universal	7.20	LAEX

■ Square 4x4 mm

Stainless Steel

Ratchet-to CA-adaptor



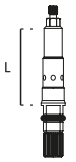
Platf.	Length (L)	Reference
Universal	7.20	MAEX

■ Square 4x4 mm

Stainless Steel

IMPLANT MOUNTS

Implant mounts. Ratchet

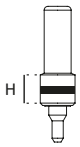


Platf.	Length (L)	Reference
●	15.70	MOUNT1
●●	15.70	MOUNT2

Stainless Steel

LABORATORY TEST KIT

Laboratory test kit



Platf.	Height (H)	Reference
●	3.65	ZLAB20
●●	3.65	ZLAB34

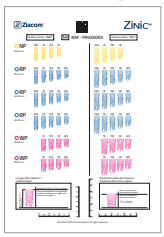
ROT

Grade 5 ELI Titanium

This product does not replace the need for careful planning of each clinical case.

RADIOGRAPHIC TEMPLATES

Zinic® radiographic templates



Platf.	Model	Reference
●●●	Zinic®	PRADI050

Scales 1:1 and 1:1.25

Material: transparent acetate. Non-sterilisable material

See the literature available at **www.ziacom.com/biblioteca**

ZiNiC®

Prosthetic instruments

Prosthetic instruments

Prosthetic box

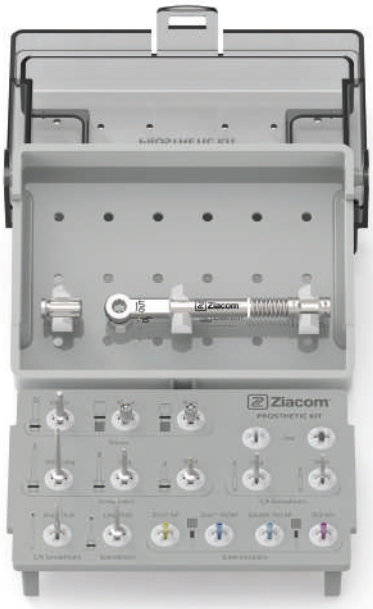
Contents of prosthetic boxes available

Contents	Reference
Empty	BOXPN
Basic	BOXPSN
Complete	BOXPCN

134°

Material: Radel.

Ens



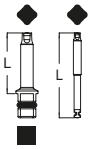
Contents of prosthetic boxes

REF	Description	BOXPSN	BOXPCN
LOSD01	Kirator insert key. Ratchet	●	●
MABA100	Basic insert key. Short. Ratchet. Grade 5 ELI titanium	●	●
MABA200	XDrive insert key. Short. Ratchet. Grade 5 ELI titanium	●	●
MADW10	Screwdriver adapter handle. 4x4. Manual	●	●
SMSD1	Screwdriver tip. Ø1.25 mm. Short. Ratchet	●	●
LMSD1	Screwdriver tip. Ø1.25 mm. Long. Ratchet	●	●
XLMSD1	Screwdriver tip. Ø1.25 mm. Extralong. Ratchet		●
MESD	Screwdriver tip. Ø1.25 mm. Long. CA.	●	●
MESD01	Screwdriver tip. Ø1.25 mm. Short. CA.	●	●
MESDTX	Tx30 screwdriver tip. Long. CA.	●	●
LMSD1TX	Tx30 screwdriver tip. Long. Ratchet	●	●
EDSZ20	ZPlus/Z2Plus extractor screw. Zinic®. NP. Grade 5 ELI titanium		●
EDSZ34	ZPlus/Z2Plus extractor screw. Zinic®. RP/WP. Grade 5 ELI titanium		●
EDSG34 *	Abutment extractor screw. Galaxy/ZV2. RP. Grade 5 ELI titanium		●
EDSG50 *	Abutment extractor screw. ZV2. WP. Grade 5 ELI titanium		●
TORK50	Regulable torque wrench. 10/20/30/40/50/60/70 Ncm	●	●

*** Product not included in the Zinic® system.**

KEYS

Kirator insertion key



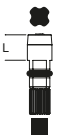
System	Length (L)	Reference
Kirator	13.60/Ratchet/Manual	LOSD01
	20.00/CA	LOSD02 *

◆ Square 2.11 mm / ■ Square 4x4 mm

Kirator · Stainless Steel

* Ref. LOSD02 is NOT included in the prosthetic box.

Basic insertion key. Ratchet



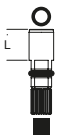
System	Length (L)	Reference
Basic	5.00/Short	MABA100
	13.00/Long	MABA110 *

✱ Basic / ■ Square 4x4 mm

Basic · Grade 5 ELI Titanium · Stainless Steel

* Ref. MABA110. is NOT included in the prosthetic box.

XDrive insertion key. Ratchet



System	Length (L)	Reference
XDrive	6.00/Short	MABA200
	13.00/Long	MABA210 *

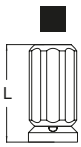
○ XDrive / ■ Square 4x4 mm

XDrive · Grade 5 ELI Titanium · Stainless Steel

* Ref. MABA210. is NOT included in the prosthetic box.

SCREWDRIVERS

Screwdriver adapter handle

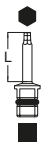


Platf.	Length (L)	Reference
Universal	15.50	MADW10

■ Square 4x4 mm

Stainless Steel

Screwdriver tip. Ratchet



Platf.	Length (L)	Reference
Universal	9.50/Short	SMSD1
	14.50/Long	LMSD1
	27.00/Extralong	XLMSD1

■ Square 4x4 mm

1,25mm · Stainless Steel

Screwdriver tip. CA

Platf.	Length (L)	Reference
Universal	20.00/Short	MESD01
	25.00/Long	MESD

1,25mm · Stainless Steel

Tx30 screwdriver tip. CA

System	Length (L)	Reference
Tx30	26.00/Short	MESD01TX *
	32.00/Long	MESDTX

Stainless Steel

Do not exceed 30 Ncm as it could cause severe damage to the screwdriver and screw.

* Ref. MESD01TX is NOT included in the prosthetic box.

Tx30 screwdriver tip. Ratchet

System	Length (L)	Reference
Tx30	12.00/Short	SMSD1TX *
	18.00/Long	LMSD1TX

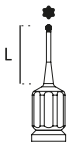
■ Square 4x4 mm

Stainless Steel

Do not exceed 30 Ncm as it could cause severe damage to the screwdriver and screw.

* Ref. SMSD1TX is NOT included in the prosthetic box.

Tx30 prosthetic screwdriver. Manual



System	Length (L)	Reference
Tx30	12.00/Short	SMSDTX *
	18.00/Long	LMSDTX *

Stainless Steel

Do not exceed 30 Ncm as it could cause severe damage to the screwdriver and screw.

* Ref. SMSDTX/LMSDTX are NOT included in the prosthetic box.

Prosthetic instruments

EXTRACTOR SCREW

ZPlus extractor screw

Platf.	Length (L)	Reference
●	25.00	EDSZ20
● ●	23.70	EDSZ34

Anodised ■ NP ■ RP/WP

1,25mm | M1,60 | M1,80 | Grade 5 ELI Titanium

Galaxy/ZV2 abutment extractor screw

Platf.	Length (L)	Reference
■	25.00	EDSG34 *
■	26.80	EDSG50 *

Anodised ■ RP ■ WP

1,25mm | M1,60 | M2,00 | Grade 5 ELI Titanium

*** Product not included in the Zinic® system.**

RATCHETS

Regulable torque wrench

Platf.	Length (L)	Reference
Universal	86.80	TORK50

■ Square 4x4 mm

Nom. 10 20 30 40 50 60 70 | Stainless Steel

Complementary instruments

CA to ratchet adapter

Platf.	Length (L)	Reference
Universal	12.00	MC10Z

■ Square 4x4 mm

Stainless Steel

NOT included in the prosthetic box.

Extractor + Retainer inserter handle

Platf.	A Length (L)	B Length (L)	Reference
Kirator ZM-Equator	81.50	110,40	MBEI3610

Plastic | Stainless Steel

NOT included in the prosthetic box.

Retainer inserter

Platf.	Length (L)	Reference
Kirator	32.00	MBEI3602
ZM-Equator	32.00	MBEI3603

Stainless Steel

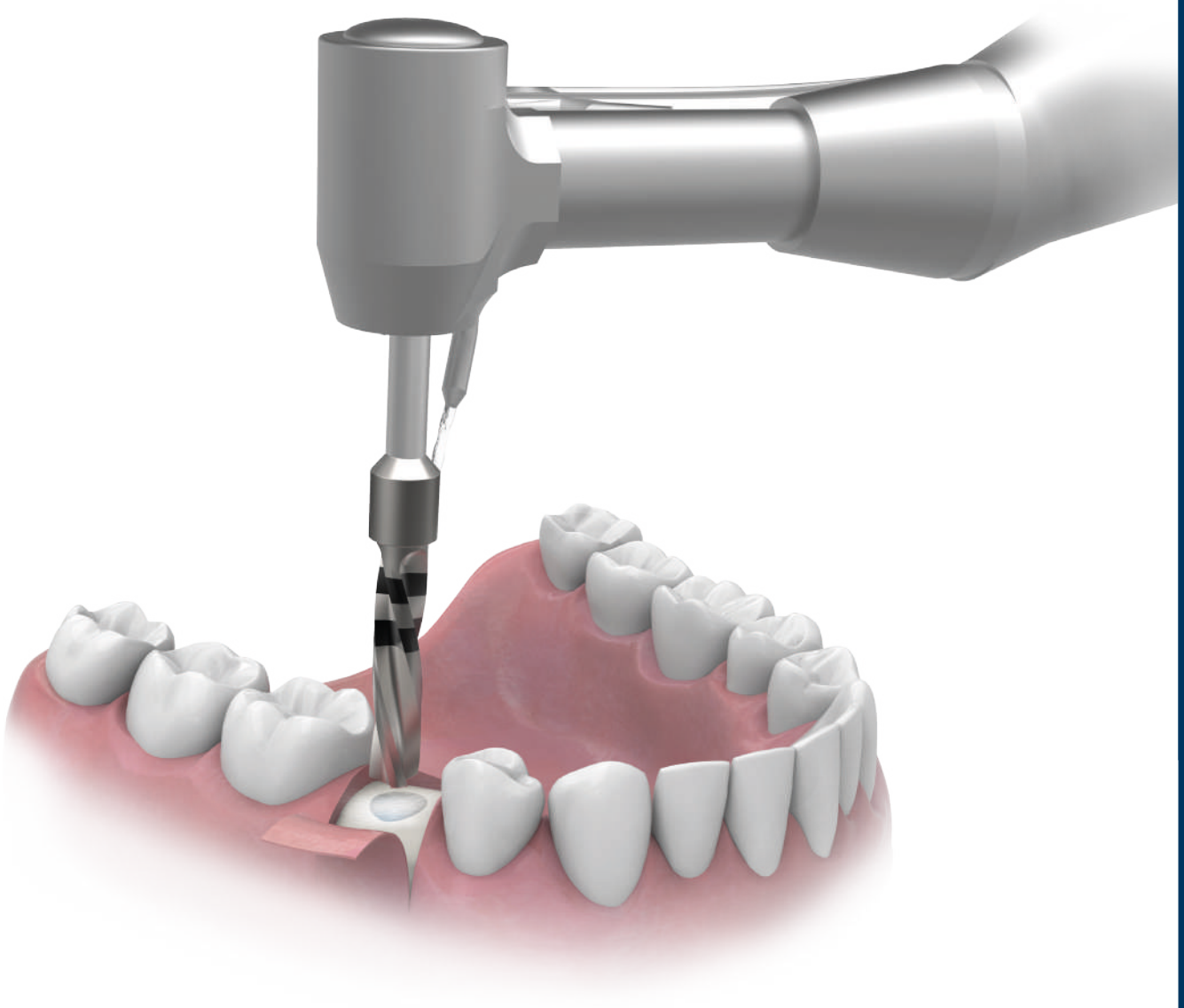
Kirator / ZM-Equator plastic coping insertion tool.
NOT included in the prosthetic box.

Retentive joints instruments

Platf.	Measure	Reference
Universal	2x1	RREI0030

Pack of 10 units.

Simplified surgical protocol

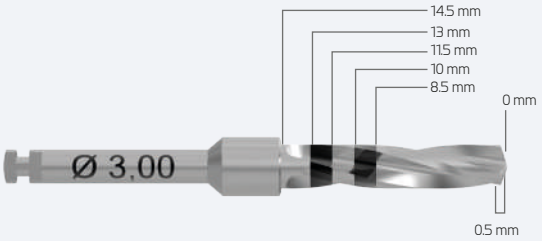


Simplified surgical protocol

Characteristics of the Zinic® drilling system

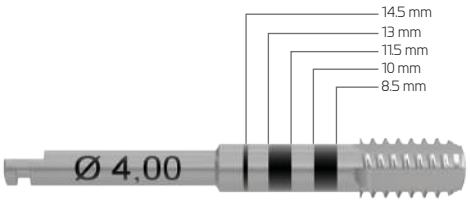
Ziacom® drill system

Ziacom® implant system drills are made from stainless steel. A laser marking on the bur's shank identifies its inner and outer diameters and its length, while the horizontal laser marked bands on the active section corresponds to the different lengths of the implants (drills graduated in mm). The bur tip is 0.5 mm long and is not included in the laser marked measurements.



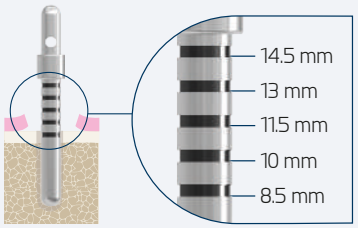
Ziacom® taps

Taps are available for contra-angle handpieces. The laser marking on the tap's shank identifies its diameter, while the horizontal laser marked bands on the active section corresponds to the different lengths.



Probe

Check the depth of the surgical site, especially when not using drill stops. To check the surgical bed axis, the paralleling pins are available in different diameters according to the drilling sequence.



Short and long insertion tools for ratchets and contra-angle handpieces

The insertion tool for contra-angle handpieces or ratchets has been designed for transporting implants from their No Mount vial to the surgical site ready for insertion.

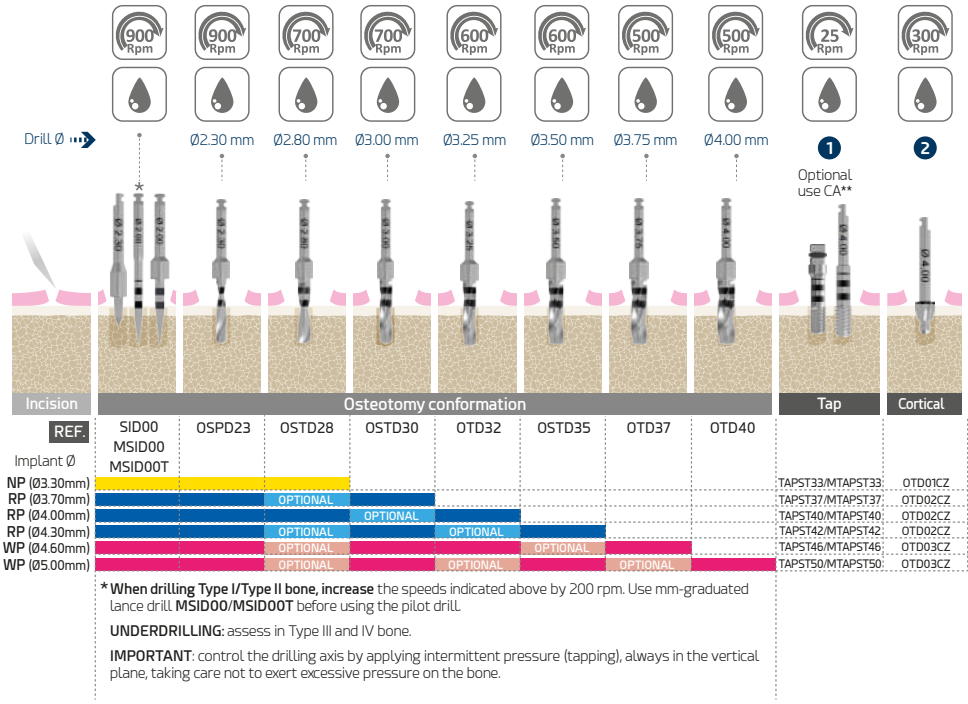
ZPlus

Zinic®

Drilling protocol - ZPlus

Rotation | Irrigation required | Ø Drill diameter | Torque

The specified speeds are recommended



* **When drilling Type I/Type II bone, increase** the speeds indicated above by 200 rpm. Use mm-graduated lance drill **MSID00/MSID00T** before using the pilot drill.

UNDERDRILLING: assess in Type III and IV bone.

IMPORTANT: control the drilling axis by applying intermittent pressure (tapping), always in the vertical plane, taking care not to exert excessive pressure on the bone.

TAP AND CORTICAL DRILL

1 **Tap usage**

According to bone type 25 Rpm

Manual or contra-angle (CA)

Type I	Total
Type II	2/3
Type III - IV	Not required

If the **contra-angle option is chosen, take note of the maximum rotating speed limit.

2 **Cortical drill usage**

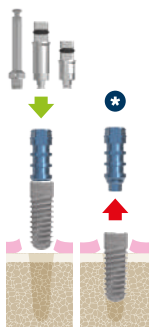
According to bone type

Type I	Total
Type II	Depends on cortical thickness
Type III - IV	Not required

Implant insertion - ZPlus

Insertion

25 Rpm | 50 Ncm

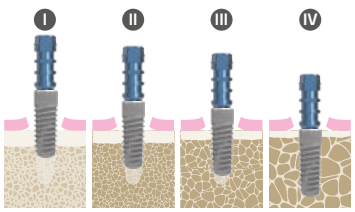


Insertion

XSMIN / TSMIN
TLMIN / 1MMINX
02MMIN

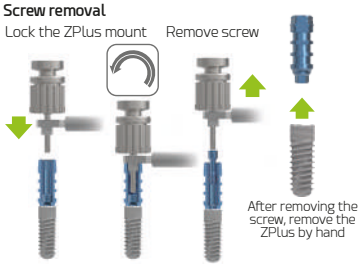
Removing the mount

Insertion point at which to remove the mount according to bone type



Type I	1/2 insertion
Type II	3/4 insertion
Type III	4/5 insertion
Type IV	Complete insertion

Screw removal



REF. SMSD/LMSD with 01MOHW

IMPORTANT

Important: if the ZPlus has seized on the implant, use the extractor screw to remove it: with **NP** platform, use Ref. **EDSZ20** and with **RP/WP** platform, use Ref. **EDSZ34**

Recommendations for ZPlus Mount

In the event of galling or cold welding between the ZPlus mount and the implant after insertion, do not handle the mount with instruments in a way that could reduce primary stability. Use only the Ziacom® extractor screw Ref. **EDSZ20** (NP) or **EDSZ34** (RP/WP).

On inserting the extractor screw (using a 1.25-mm screwdriver and manual torque) in a clockwise direction, the apex makes contact with the implant, unlocking the mount and releasing it for removal.

Direct insertion

25 Rpm | 50 Ncm

Insertion

SMZ / LMZ
MMZ / MMZA (NP)

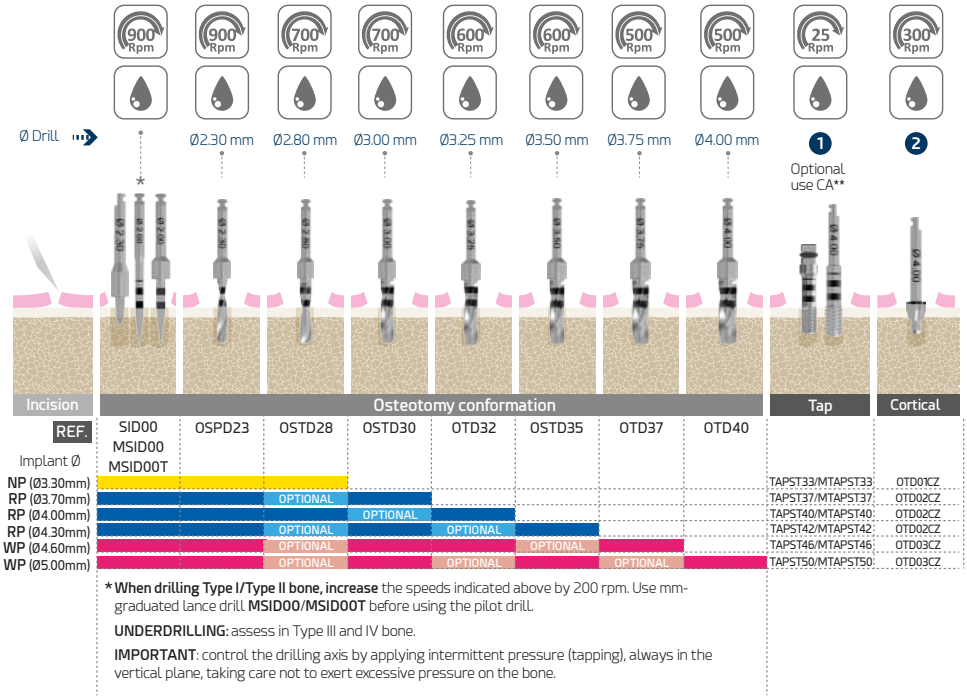
SMZ1 / LMZ1
MMZ1 / MMZ1A (RP/WP)

Simplified surgical protocol

Drilling protocol - Ziacom® No Mount

Rotation | Irrigation required | Ø Drill diameter | Torque

The specified speeds are recommended



REF.	SID00 MSID00 MSID00T	OSPD23	OSTD28	OSTD30	OTD32	OSTD35	OTD37	OTD40		
Implant Ø										
NP (Ø3.30mm)									TAPST33/MTAPST33	OTD01CZ
RP (Ø3.70mm)			OPTIONAL						TAPST37/MTAPST37	OTD02CZ
RP (Ø4.00mm)				OPTIONAL					TAPST40/MTAPST40	OTD02CZ
RP (Ø4.30mm)			OPTIONAL		OPTIONAL				TAPST42/MTAPST42	OTD02CZ
WP (Ø4.60mm)			OPTIONAL			OPTIONAL			TAPST46/MTAPST46	OTD03CZ
WP (Ø5.00mm)			OPTIONAL		OPTIONAL		OPTIONAL		TAPST50/MTAPST50	OTD03CZ

* **When drilling Type I/Type II bone, increase** the speeds indicated above by 200 rpm. Use mm-graduated lance drill **MSID00/MSID00T** before using the pilot drill.

UNDERDRILLING: assess in Type III and IV bone.

IMPORTANT: control the drilling axis by applying intermittent pressure (tapping), always in the vertical plane, taking care not to exert excessive pressure on the bone.

TAP AND CORTICAL DRILL

1

Tap usage

According to bone type

25 Rpm

Manual or contra-angle (CA)

Type I	Total
Type II	2/3
Type III - IV	Not required

If the **contra-angle option is chosen, take note of the maximum rotating speed limit.

2

Cortical drill usage

According to bone type

Type I	Total
Type II	Depends on cortical thickness
Type III - IV	Not required

Implant insertion - Ziacom® No Mount

About Ziacom® No Mount

Ziacom® implants are available without a mount. This blister pack format allows dentists to comfortably remove the implant from the vial and place it in the surgical site using a direct instrument in one single step, thereby saving time during the operation. The No Mount implant facilitates instrumentation in reduced spaces and allows better visibility of the surgical site.

The new direct-to-implant Zinic® insertion keys with Ref. **SMZ/LMZ/MMZ/MMZA** (**NP**) and **SMZ1/LMZ1/MMZ1/MMZ1A** (**RP**/**WP**) have a centring device on their rotatory part to avoid damaging the connection and a washer on the active end to allow the implant to be quickly and safely moved to the surgical site.

Direct insertion

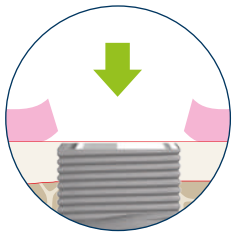
Insertion

SMZ / LMZ MMZ / MMZA	(NP)
SMZ1 / LMZ1 MMZ1 / MMZ1A	(RP/WP)

Crestal placement

The Ziacom® implant platform should be placed at bone crest level.

RECOMMENDED subcrestal position



Bone types

Lekholm and Zarb classification (1985)

TYPE IV BONE - SOFT BONE

- Thin cortical layer surrounding a low-density trabecular bone.

TYPE II & III BONE - MEDIUM BONE

- Type II: thick layer of compact bone surrounding a dense trabecular bone.
- Type III: thin cortical layer surrounding a dense trabecular bone.

TYPE I BONE - HARD BONE

- Composed almost entirely of homogeneous compact bone.

Simplified surgical protocol

General recommendations

Consider during intervention

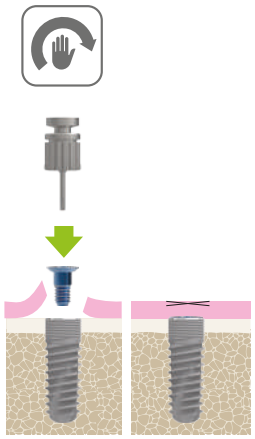
Surgical drills must be inserted into the contra-angle handpiece with the motor stopped, ensuring that they are seated and rotate properly before starting drilling. Treat drills with the utmost care; the slightest damage to the tips could compromise their effective operation.

Each instrument should only be used for the specific use recommended by the manufacturer.

Damaged instruments must be disposed of according to local regulations.

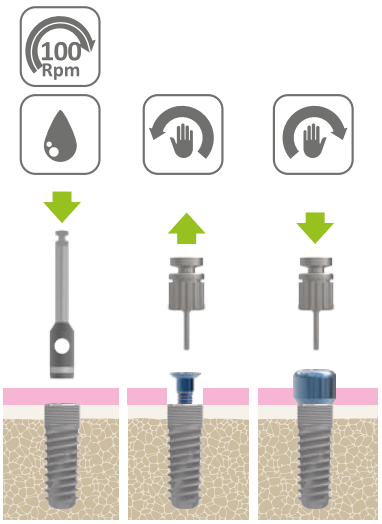
Implantologists should keep one of the identification labels supplied with the product in the patient's records so that the product can be traced correctly.

Handling of cover screw



Remove the cover screw from its vial using the hex screwdriver in a counter-clockwise direction. Move the cover screw towards the implant while taking care not to drop it and cause its accidental ingestion. Insert the cover screw into the implant until it locks and tighten it using manual torque in a clockwise direction.

Preparation for second surgical phase



Placement of healing abutment

The healing abutment should match the implant platform and the option of applying the platform switch technique with anatomical abutments that are suitable for the height of the gingival tissue should be assessed to prevent occlusion of the abutment. If the abutment is too tall, it may subject the implant to premature loading, compromising the osseointegration process.

IMPORTANT WARNINGS

About implant insertion

Excessive compaction of the bone can lead to failure of implant osseointegration.

Failure to follow the steps described in the surgical sequence may result in:

- Lack of primary stability due to loss of supporting bone
- Difficulties during implant insertion

Exceeding the maximum torque (**50 Ncm**) when inserting the implant may result in:

- Irreversible deformation of the implant's internal/external connection
- Irreversible deformation of the implant insertion instrument
- Difficulty disassembling the instrument/implant assembly

Maximum insertion torque and speed

The recommended insertion torque ranges from **35** to **50 Ncm** according to each case and is not limited to a single torque.

The implant should be inserted with controlled torque based on the bone density and quality of the implant placement site:

Without partial or complete disassembly of the implant mount, in **type III** and **IV bone, respectively,** with recommended torque of **35** to **50 Ncm** to avoid deformation of the mount or cold welding between the implant and the mount.

With partial or complete disassembly of the implant mount and using direct-to-implant insertion key, in **type II** and **I bone,** respectively, with recommended torque of **35** to **50 Ncm** to avoid deformation of the connection and excessive bone compaction.

CA insertion instruments or screwdrivers: use maximum speed of:

Zinic® implants

The Ziacom® surgical protocol establishes crestal positioning of the implant platform.

To avoid cortical stress and deformation of the insertion key and/or implant connection, and also to avoid galling between the implant and the mount, the recommended maximum speed (**25 rpm**) and maximum torque (**50 Ncm**) must be respected when inserting with a contra-angle (CA) handpiece.

When using a ratchet, it is necessary to monitor resistance during insertion. If there is any resistance, the implant should be removed by turning it twice (to release the bone from the tension created and free the thread) and then, after a few seconds, the implant should be inserted again, repeating this process as many times as is necessary.

Always consult the surgical and prosthetic protocols published in this catalogue, as well as the other documents available in the "Reference literature" section of our website **www.ziacom.com/biblioteca** which explained the procedures, protocols and instructions for use before using the Zinic® system by Ziacom®.

Cleaning, disinfection and sterilisation

Cleaning, disinfection and sterilisation

The protocols described in this section must only be carried out by personnel qualified to clean, disinfect and sterilise the dental materials specified here in.

Cleaning and disinfection instructions

Applicable for instruments, surgical and prosthetic boxes and plastic retainer caps.

Disassembly

1. Dismount* the appropriate instruments, for example manual ratchets, drills or drill stops.
2. Remove the various components from the surgical or prosthetic box for correct cleaning.

Cleaning and disinfection

For disinfecting instruments and surgical boxes:

1. Submerge the instruments in a detergent/disinfectant solution** suitable for dental instruments to help eliminate any adhered biological residues. If an ultrasound bath is available***, confirm that the detergent/disinfectant solution is indicated for use with this type of equipment.
2. Manually remove any biological residues with a non-metallic brush and pH-neutral detergent.
3. Rinse with copious water.
4. When cleaning the surgical and prosthetic boxes, always use a pH-neutral detergent and non-abrasive utensils to avoid damaging the surface of the boxes.
5. Dry the materials with disposable cellulose, lint-free clothes or compressed air.

For disinfecting plastic caps and spacers:

1. Submerge in a neat benzalkonium chloride solution for 10 minutes.
2. Rinse with distilled water.
3. Dry the caps and spacer before use.

Inspection

1. Check that the instruments are perfectly clean; if not, repeat the cleaning and disinfection steps.
2. Discard any instruments with imperfections and replace them before the next procedure.
3. Check that the instruments and the surgical and prosthetic boxes are perfectly dry before reassembling the parts and proceeding to their sterilisation.

* See the assembly disassembly manuals at **www.ziacom.com/biblioteca**

** Follow the instructions from the disinfectant's manufacturer to determine the correct concentrations and times.

*** Follow the instructions from the ultrasound bath's manufacturer to determine the correct temperature, concentration and times.

Sterilisation instructions for steam autoclave

Applicable to orthodontic implants, abutments, and surgical and prosthetic instruments and boxes.

1. Introduce each material separately in individual sterilisation bags, then seal the bags. For joint sterilisation, place the instruments in their surgical box, introduce the box into a sterilisation bag and seal the bag.
2. Place the bags to be sterilised in the autoclave.
3. Sterilise in a steam autoclave at 134°C/273°F (max. 137°C/276°F) for 4 min (minimum) and at 2 atm. Torque wrenches must be sterilised in 3 vacuum cycles at 132°C/270°F for a minimum of 1.5 minutes and vacuum-dried for a minimum of 20 minutes.

For the United States only: The validated and recommended sterilisation cycle for the US must be performed in a steam autoclave at 132°C/270°F for at least 15 min and with the drying time of at least 15 - 30 min.

IMPORTANT
Make sure the drying stage is allowed to run to completion, otherwise the products may be damp.
Check the sterilisation equipment if the materials or sterilisation bags are damp at the end of the sterilisation cycle.
Perform the necessary maintenance actions on the autoclave according to the established periodicity and following the manufacturer's instructions.

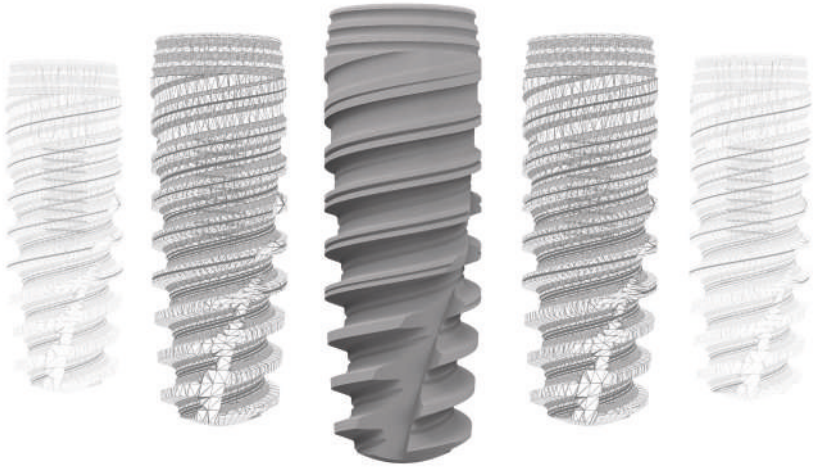
Storage of Ziacom® products

- Store the products in their original packaging and in a clean, dry location until they are used.
- After sterilisation, keep the products in the sealed sterilisation bags and in a clean, dry location.
- Never exceed the use by date indicated by the manufacturer of the sterilisation bags.
- Always follow the indications of the manufacturer of the sterilisation bags.

General recommendations

- Never use damaged or dirty material; never reuse single-use products. The user is responsible for following the instructions described in this document correctly.
- The attention to piercing or sharp elements. Gloves should be worn when cleaning the materials to avoid accidents during handling.
- Follow the safety instructions indicated by the manufacturer of the disinfectant agent.
- The product's sterility cannot be guaranteed if the sterilisation bag is open, damaged or damp.
- Respect all stages of the sterilisation process. If the materials or sterilisation bags contain traces of water or moisture, check the autoclave and repeat the sterilisation.
- Orthodontic abutments and implants are supplied UNSTERILISED and must always be sterilised before use.
- Instruments and surgical and prosthetic boxes are supplied UNSTERILISED and must always be sterilised before use and cleaned and disinfected after use.
- The sterilisation, cleaning and disinfection processes gradually deteriorate the instruments. Inspect the instruments thoroughly to detect any signs of deterioration.
- Avoid contact between products made from different materials (steel, titanium, etc.) during the cleaning, disinfection and sterilisation processes.
- Ziacom Medical SL recommends these instructions are implemented for the correct maintenance and safety of their products; accordingly, the company refuses any liability for any damage to the products that could arise if the user applies alternative cleaning, disinfection and sterilisation procedures.

See **www.ziacom.com/biblioteca** for the latest version of the cleaning, disinfection and sterilisation instructions.



Ziacom®

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.

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

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Ziacom

www.ziacom.com

Ziacom Medical SL
Calle Búhos, 2
28320 Pinto - Madrid - ESPAÑA
Tfno.: +34 91 723 33 06
info@ziacom.com

Ziacom Medical Portugal Lda
Av. Miguel Bombarda, 36 - 5° B
1050 -165 - Lisboa - PORTUGAL
Tel: +351 215 850 209
info.pt@ziacom.com

Ziacom Medical USA LLC
333 S.E 2nd Avenue, Suite 2000
Miami, FL 33131 - USA
Phone: +1 (786) 224 - 0089
info.usa@ziacom.com