

Tree•Oss
Dental Implant System



CATALOGUE

WWW.TREE-OSS.COM

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VISION AND MISSION

Tree-Oss® was born as a consequence of the needs of modern implant dentistry. Patients expect quick, affordable, predictable, esthetic and minimally invasive solutions.

In order to be able to satisfy these high demands, dental practitioners worldwide choose versatile implant systems offering a complete range of solutions to solve their cases with absolute confidence. With this in mind, the **Tree-Oss®** implant system focuses on the development of better solutions for the clinical practice.

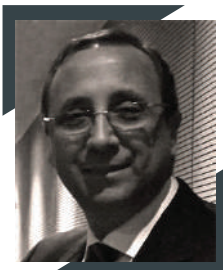
The human resources behind the system, including dentists, engineers and dental practitioners with wide experience, guarantee the continuing improvement of the products.

Every **Tree-Oss®** batch undergoes thorough **quality controls**. From the raw materials to the final irradiation, all the processes are registered and approved **by international quality systems with proven efficacy in time**.

Our goal is to collaborate with the dental implant practice through training and supply of top quality and affordable pricing. From Argentina to the world, covering all the international markets with excellent quality-pricing ratio sustainable in time.

PEDRO BOTTI:

Co-founder and CEO of Tree-Oss®



40 years experience in the dental industry worldwide.

Nobel Biocare® 10 years as Latin America Director.

Kerr® 15 years as Latin America Regional Director.

Johnson & Johnson® 10 years as Sales Manager for the Dental Division.

Participation in congresses and training courses on general dentistry, implant dentistry and dental products marketing in the **USA, Sweden, Germany, Switzerland, Spain, Italy, Brazil and Latin America**.

IGNACIO BOTTI:

Co-Founder and Director of Tree-Oss®



Over **20 years** experience in the implant dentistry market.

10 years in **Nobel Biocare®**.

Training courses on Implant Dentistry and Marketing in the **USA, Spain, Mexico, Colombia, Chile, Brazil and Argentina**.

*Our Focus: **THE FUTURE** - Our Commitment: **QUALITY**
Our Goal: **EXCELLENCE***

MANUFACTURING FACILITIES



Our manufacturing facility is located in the **city of Ensenada, Buenos Aires province, Argentina**. We have a **wide processing area**, specifically developed for the production of dental implants.

Our team, specially trained in the implant dentistry industry, is combined with **last generation equipment**, similar to that used by the main international manufacturers.

Our controlled contamination white area counts with last generation equipment for air purification and filtering. Equipped with 7 HEPA filters, with a capacity of 50 m³/min and 5 ton refrigeration, provides an **ideal environment** for cleansing, processing and packaging of our implants under sterile conditions.

Our machining centre is equipped with last generation Japanese machinery. Computerized systems that allow for continuous production of pieces with tolerance of just a few hundredths of a millimeter, thus assuring a correct connection and functionality between all the components. Every abutment is controlled dimensionally and functionally. All the implants are 100% measured and tested. Additionally, torque testing is conducted on every lot, in order to assure its mechanical resistance.



TREE·OSS QUALITY

The **Tree-Oss® implant system** is produced **under internationally proven, constant and strict controls.**

Every batch manufactured undergoes thorough controls on each manufacturing stage, thus assuring total reliability for clinical use.

Our professional team, responsible for the production area, takes its role in the development of products for dental health very seriously, committing to constantly increasing and improving all processes and controls.

The constant responsibility and commitment towards quality is reflected on our **international quality certifications**, which are subject to periodic external auditing to assure their compliance. All the **Tree-Oss® implants** have **osseointegration guarantee.** Practitioners from different countries collaborate with our

constant research on our products. Key clinicians and clinical and scientific studies provide key information for the **development of improvements and innovations.**

As a result, there is better interaction between engineering and clinic, thus obtaining a constant evolution towards dentist and patient comfort, and a clear increase in treatment predictability.





Tree•Oss
IMPLANTS



Tree•Oss
CERAMIC

Tree·Oss CERAMIC



CERAMIC IMPLANT

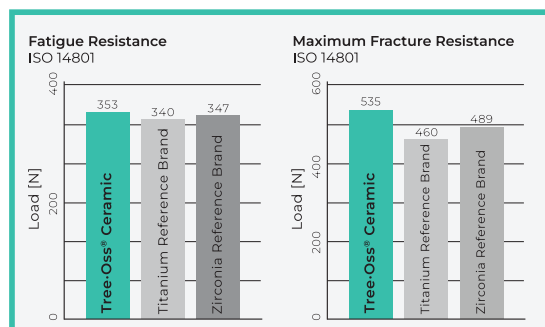
The Tree·Oss® Ceramic implants have been developed with the latest technologies in ceramic materials.

Manufactured of pure Zirconia (ZrO₂) stabilized with Yttria, the Tree·Oss® Ceramic implants offer an outstanding mechanical resistance, combined with excellent biocompatibility. A variable structured surface, adapted to each part of the implant, is obtained by means of an innovative manufacturing process, based on CIM (Ceramic Injection Moulding) at ultra-high pressure.

This technology allows to design the best surface topology in accordance with the surrounding tissue, thus favoring osseointegration as well as soft tissue stability.

Due to their designed macro, micro and nano roughness, each area of the implant provides the best scenario for the best mechanical and biological response, from cementing to the intimate contact with bone and soft tissue.

MECHANICAL RESISTANCE

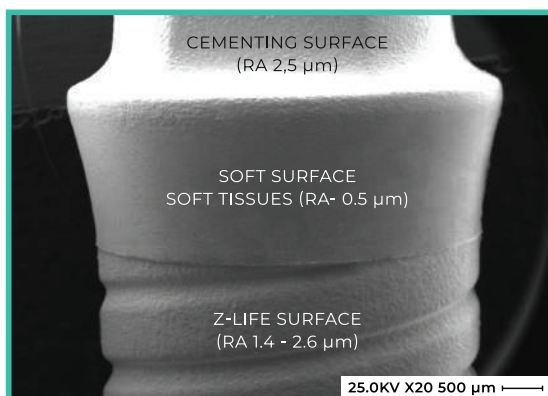


The **Tree-Oss® Ceramic** implants provide an outstanding mechanical resistance to fracture of over 1200 Mpa, thus assuring its function in time.

Its single block design suppresses micro-movements between implant and abutment, strengthening the system and improving mechanical properties.

Additionally, the gap absence **prevents bacterial infiltration and its consequences on cervical bone resorption**, significantly favoring soft tissue healing and stability, thus assuring **excellent esthetic results**.

EXCELLENT BIOINTEGRATION



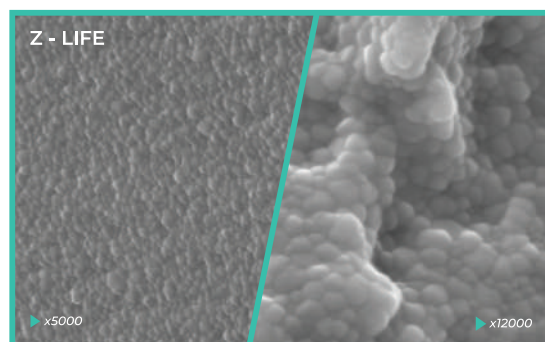
Scanning Electron Microscopy (SEM)

Numerous studies prove the excellent biological results of Zirconia, **due to its minimum affinity with bacterial plaque, as well as the adaptation of soft tissue and bone-to-implant contact, through strong osseointegration.**

Due to its low surface energy, Zirconia becomes a bio-inert material, ideal to reduce peri-implant pathologies.

The **Tree-Oss® Ceramic** implants' neck features a soft roughness adjusted to soft tissues, (Ra 0.5 µm), thus favoring the union and sealing of connective tissue.

The exclusive **Z-Life surface** provides medium roughness on its threads, which is ideal for osseointegration.



Scanning Electron Microscopy (SEM) and Atomic Force (AFM). Macro, micro and nano surfaces of the **Tree-Oss® Ceramic** implant systems.

The perfect balance between roughness and wettability hosts growth factors during placement, making the surface a bioactive environment that induces bone generation.

UNMATCHED ESTHETICS

The multiple esthetic **advantages of working with metal-free ceramic materials** are recognized worldwide.

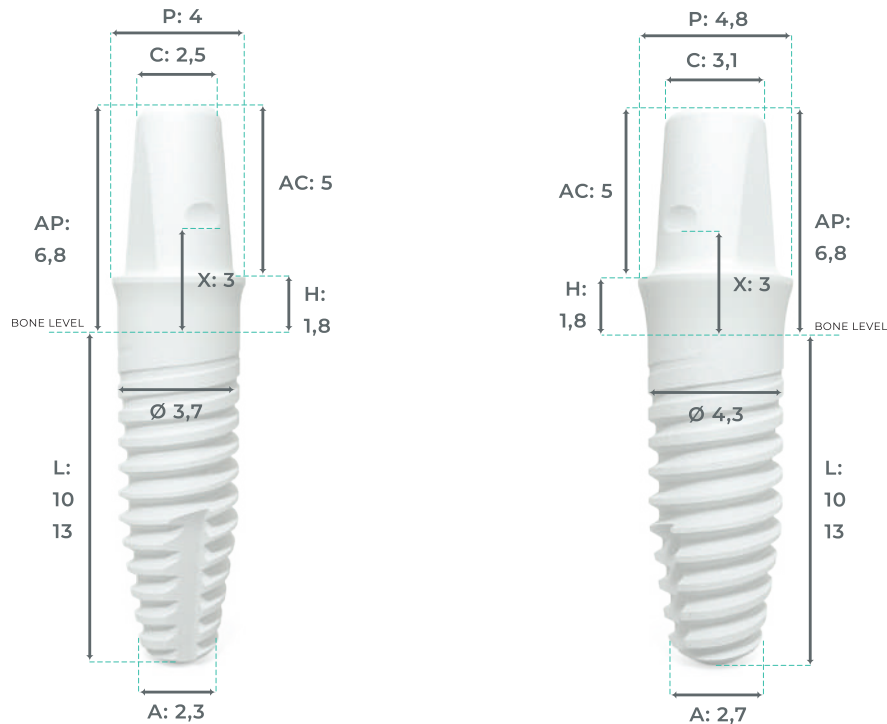
Its clear tone and translucency assure lack of dark areas and provide the ideal basis for an outstanding esthetic result.

The **Tree-Oss® Ceramic** implants enable predictable and stable restorations in time, offering patients **modern metal-free treatments, satisfying the present high esthetic demands.**



TECHNICAL DATA AND REFERENCES

(*Measures expressed in millimeters)



References

P: Crown support platform - C: Crown internal diameter - AP: Total abutment height - AC: Crown support height - H: Shoulder
L: Implantable length - A: Apex - Ø: Implant diameter - X: Soft tissue biological space.

REF. TREE-OSS® CERAMIC

Ø 3,7	10	13	Ø 4,3	10	13
	IZ3510/0M	IZ3513/0M		IZ4310/0M	IZ4313/0M

SURGICAL AND PROSTHETIC COMPONENTS:

ANALOG



Ø 3,5 MM | AIZ35/0M
Ø 4,3 MM | AIZ43/0M

Made of titanium. They allow for the manufacture of a working model. They replicate the one-piece design of the **Tree-Oss® CERAMIC** Implant.

PARALLEL PIN



Ø 3,5 MM | PARZ3520/0M
Ø 4,3 MM | PARZ4320/0M

Direction indicator made of titanium. To verify the insertion axis of the drilling performed prior to implant placement. The upper part represents exactly the design of the abutment included in the implant. Use it to foresee the position of your prosthesis.

HEALING CAP



Ø 3,5 MM | TCI351/0M
Ø 4,3 MM | TCI431/0M

Plastic protector for the **Tree-Oss® CERAMIC** implant abutment. Use it when you decide to postpone the implant load.

TEMPORARY ABUTMENT



Ø 3,5 MM | CZA35/0M
Ø 4,3 MM | CZA43/0M

Cap made of **PEEK**, to manufacture provisional restorations. Allows easy modifications and adaptations. Bezel and slots for better retention.

IMPRESSION COPING



Ø 3,5 MM | ILCZ35/0M
Ø 4,3 MM | ILCZ43/0M

Insert that allows fixation of the **Tree-Oss® CERAMIC** implants with a conventional torque wrench. Use it directly on the implant.

THREADFORMER



Ø 3,5 MM | CIMZ35/0M
Ø 4,3 MM | CIMZ43/0M

Plastic cap for impression taking on **Tree-Oss® CERAMIC** implants. Place it directly on the implant and drag with closed tray. Inspection window to check its correct position.

THREADFORMER



Ø 3,5 MM | FRRZ35M
Ø 4,3 MM | FRRZ43M

Anatomic threadformer to prepare the surgical site before placement of the **Tree-Oss® CERAMIC** implants. Its design is an exact copy of the implant threads. Ideal to relieve insertion torque in hard bones. May be used with micro-machine or torque wrench.

THE ALTERNATIVE TO TITANIUM IMPLANTS

METAL-FREE TREATMENT

No risks of corrosion, allergies or sensitivity to metal. Ideal for patients seeking modern metal-free treatments in their bodies.

CIM TECHNOLOGY

Manufactured by means of ceramic injection at ultra-high pressure, which allows to obtain a variable structured surface adapted to each area of the implant. Ideal roughness adjusted for cementing, soft tissue and bone.

ESTHETICS

Their clear tone and translucency assure an unmatched esthetic result, assuring the absence of dark areas.

BIOCOMPATIBILITY

Better oral and overall health in the long term due to its low affinity with bacterial plaque and its superior adaptation to connective tissue.

ONE PIECE

No gap nor micro-movements, thus eliminating possible retractions due to leaks while strengthening the biomechanical response.

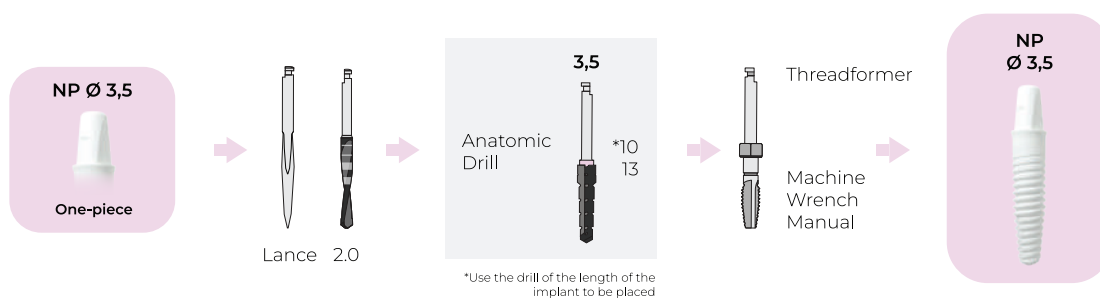


SURGICAL PROTOCOL FOR TREE·OSS® CERAMIC IMPLANTS PLACEMENT

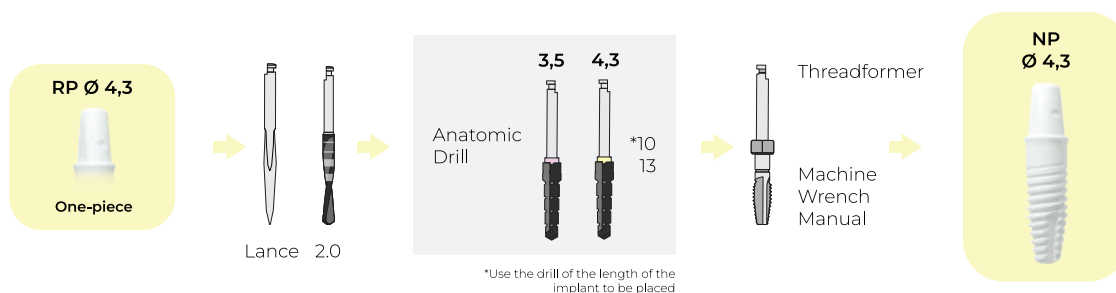
Follow the steps detailed below, **always using only the drill corresponding to the length of the implant to be placed**. Color coding will help you visualize the corresponding drill.

Use the threadformer for cases where bone density is too high in order to avoid reaching an insertion torque over 45 Ncm.

TREE·OSS® CERAMIC NARROW DIAMETER



TREE·OSS® CERAMIC REGULAR DIAMETER



IMPORTANT: Never exceed 45 Ncm during implant placement.

IMPORTANT: Never exceed 45 Ncm during implant placement.

This could damage the implant; additionally, numerous studies indicate that excess initial torque produces negative effects on early osseointegration.

Always check insertion torque with micro-machine or **Tree-Oss®** torque wrench during implant placement.

Should 45 Ncm be exceeded during placement, it is recommended to remove the implant and enlarge the cone in the surgical site with a drill of the same diameter but shorter, drilling between 1 – 2 mm below the bone ridge or the vertical position desired for the implant.



Tree•Oss
Dental Implant System

TREE•OSS
TITANIUM
IMPLANTS

TREE·OSS® DENTAL IMPLANT SYSTEM

The Tree·Oss® Dental Implant System was developed to provide **maximum versatility and reliability** for your treatments.

The combination of their **anatomic and straight body** designs will enable you to **obtain the best initial anchor** in every area and bone type. The possibility to choose between **internal and external connections** will assure a **simple and predictable prosthetic restoration that will satisfy the present high esthetic demands**.

OXALIFE

All the implants include the exclusive **Oxalife® surface** treatment, which will guarantee **excellent early osseointegration**, thus allowing to reduce rehabilitation times.

By means of an **innovative triple treatment**, we obtain a **rough surface with an increased oxidized layer** and a topography proven by multiple publications and years of clinical follow up.

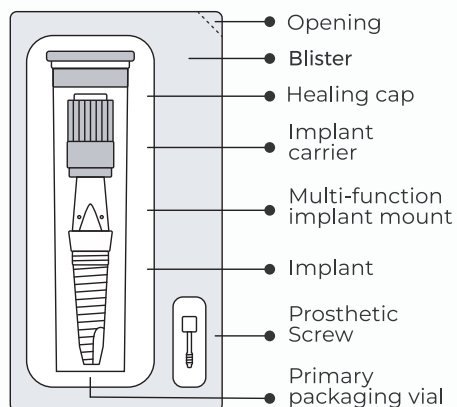
One of its main virtues its **high wettability capacity**, which enables a strong absorption of growth factors, making the implant an osseo-conductive component, thus increasing the bone-to-implant contact.

PACKAGING

All the **Tree·Oss® implants** share the same packaging, allowing to combine designs in a simple way. Always use the same clinical placement procedure, regardless of the implant design you have chosen.

Every implant is presented in a **double packaging**, mounted and ready for placement. Each package contains 5 components: **Implant, multi-function implant mount, mounting screw, healing cap and additional prosthetic screw**.

Secondary packaging



Included with all implants

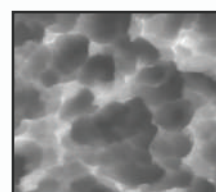
Multi-function implant mount

Prosthetic Screw



**Blasting
Acid etching
Thermal treatment**

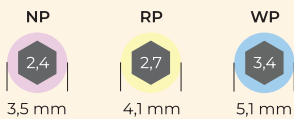
Oxalife



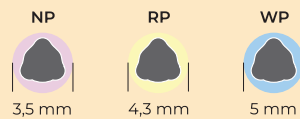
TREATMENT ALTERNATIVES



External Hex Connection. The simplicity of standard. **Compatible.** Brånemark hexagons compatible in their three dimensions for universal restoration. **Reduced height.** Makes procedures easier in treatments with multiple screw-retained prosthetics and overdentures.



Tri-channel internal connection. Reduces screw loosening and simplifies clinical procedures. **4 mm depth.** Higher resistance to lateral loads. **Color coded.** Simplifies the interaction with prosthetic components.



Unified internal hex connection. Simplifies prosthetic procedures using just one connection. **Conical seating.** Perfect seal, thus reducing micro-movements. **Platform shift.** Favors preservation of soft tissue and cervical bone, thus achieving biologically stable esthetic restorations.



RAPID CE

Self-tapping implant with parallel walls and tapered apex.



Ø: 3,3 - 3,75 - 4 - 5
L: 7 - 8,5 - 10 - 11,5 - 13 - 15

SIMPLE IH

Semi-tapered self-tapping implant.



Ø: 3,3 - 3,7 - 4,2 - 5
L: 6,5* - 8,5 - 10 - 11,5 - 13 - 15
*Ø 4,2 - 5

Self-tapping tapered apex. Allows for placement in underprepared bone for good initial stability in any bone situation. **Double Spiral Thread.** Reduces insertion time and improves initial stability.

ANATOMIC CE

Tapered implant that mimics the natural tooth root.



Ø: 3,5 - 4,3 - 5
L: 8 - 10 - 13 - 16

ANATOMIC CI

Tapered implant that mimics the natural tooth root.



Ø: 3,5 - 4,3 - 5
L: 8 - 10 - 11,5 - 13 - 16

ANATOMIC IH

Tapered implant that mimics the natural tooth root.



Ø: 3,7 - 4,3 - 5
L: 8 - 10 - 11,5 - 13 - 16

Design that mimics the natural tooth root. Adapts to any anatomic limitation. **Compressive tapered body.** Guarantees high initial stability, even in soft bone, bone grafts and post-extraction cases. **Narrow apex.** Enables the correct axial load and prosthetic alignment, thus widening the angle of possible positions.

HS CI

Threaded self-drilling implant with high initial stability.



Ø: 3,5 - 4,3 - 5
L: 8,5 - 10 - 11,5 - 13 - 15

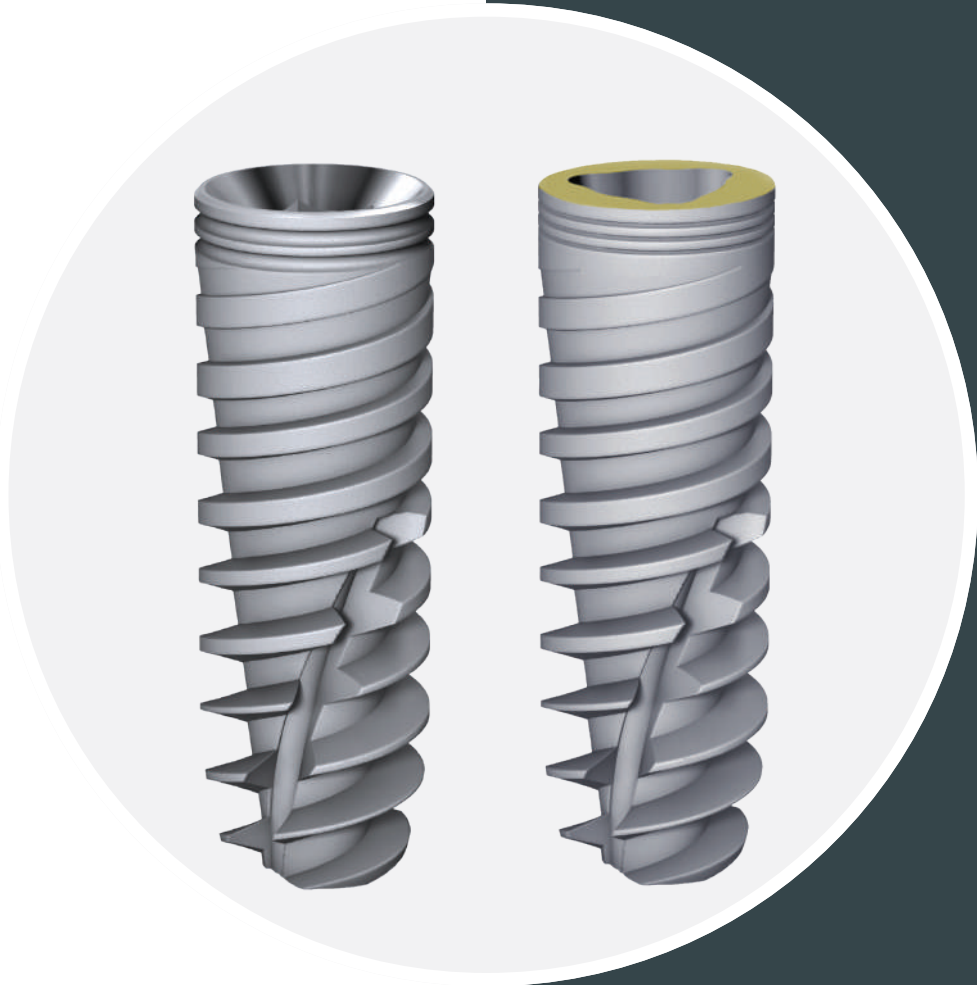
HS IH

Threaded self-drilling implant with high initial stability.



Ø: 3,7 - 4,3 - 5
L: 8,5 - 10 - 11,5 - 13 - 15

Aggressive threads and tapered body. Compression and mechanical anchoring that guarantee high initial stability even in soft bone, bone grafts and post-extraction cases. **Self-drilling apex with sharp threads and narrow body.** Allows to adjust orientation during placement. **Double gradual thread.** Higher stability in less placement time.

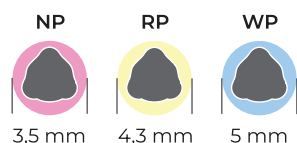
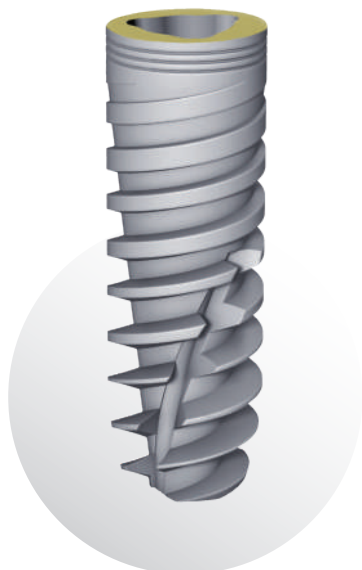


Tree•Oss
HS

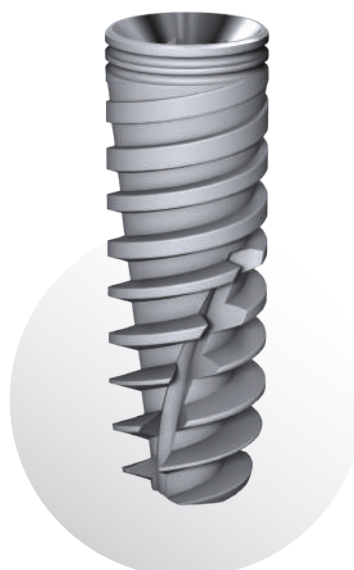
Tree•Oss HS

HIGH STABILITY IMPLANT

SELF-DRILLING THREADED IMPLANT WITH HIGH INITIAL STABILITY



Tri-Channel



3,7 mm

Unified internal hex

HS IMPLANT

The Tree•Oss® HS implant features a **double threaded sharp design** capable of generating its own space and direction during placement. This exclusive design allows to obtain an **incredible initial anchorage** in every bone type, enabling immediate load in practically all cases.

The combination of its sharp gradual threads with its tapered body produces a **perfect balance between compression and mechanical anchorage**, thus facilitating the achievement of an adequate initial torque for immediate load, **even in soft bone, post-extraction cases and bone grafts**.

The cutting design of the apex allows to **adjust orientation** during placement in order to assure optimal prosthetic restorations. **Correct alignment errors** during drilling, without losing stability, just exercising the adequate force on the implant during placement.

Available in two successful connections:
Tri-Channel and internal hex.

Try the experience of a new implant generation with Tree•Oss® HS.

FEATURES AND BENEFITS

Connection

CI Internal Tri-channel connection, color coded. NP 3,5 – RP 4,3 – WP 5,0.

Improves resistance to lateral loads, reduces screw loosening and simplifies clinical procedures.

IH Unified internal hexagon. One connection for all diameters.

Simplifies prosthetic procedures by using just one connection. Conical adjustment and seating of abutments for perfect sealing. Platform-shift for esthetic emergence.

Surface treatment to the top and micro-grooves on the neck

Preserves maximum cervical bone level, providing the ideal support for an excellent esthetic result.

Double gradual threads and tapered body

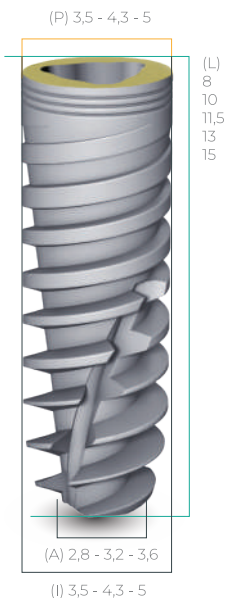
Higher stability in less placement time. Compression and mechanic anchoring that guarantee a high initial stability even in soft bone, bone grafts and post-extraction cases.

Self-drilling apex with sharp threads and narrow body

Enables correction of implant orientation during placement.

Oxalife® Surface

For a quick and predictable bone response.

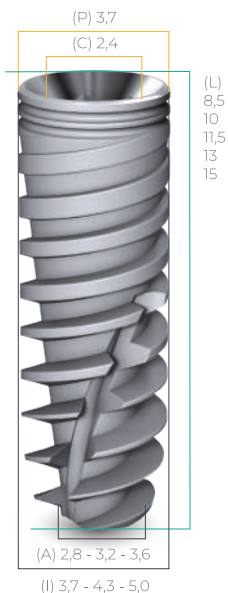


TRI- CHANNEL

Implant ^(I)	Apex ^(A)	Platform ^(P)	Connection	Length ^(L)
3,5	1,6 - 2,8	3,5	CI	8,5
4,3	2,1 - 3,2	4,3		10
5	2,5 - 3,6	5		11,5
				13
				15

Tree-Oss® HS CI Implants References


Platform	∅ Implant	Length				
		8,5	10	11,5	13	15
CI NP	3,5	IHS3508IM	IHS3510IM	IHS3511IM	IHS3513IM	IHS35015IM
CI RP	4,3	IHS4308IM	IHS4310IM	IHS4311IM	IHS4313IM	IHS4315IM
CI WP	5,0	IHS5008IM	IHS5010IM	IHS5011IM	IHS5013IM	IHS5015IM



INTERNAL HEX

Implant ^(I)	Apex ^(A)	Platform ^(P)	Connection ^(C)	Length ^(L)
3,7	Body - Thread 1,6 - 2,8	3,7	IH 2,4	8,5
4,3	2,1 - 3,2			10
5	2,5 - 3,6			11,5 13 15

Tree-Oss® HS IH Implants References

Platform	ø Implant	Length				
		8,5	10	11,5	13	15
IH 	3,7	IHS3708/3M	IHS3710/3M	IHS3711/3M	IHS3713/3M	IHS3715/3M
	4,3	IHS4208/3M	IHS4210/3M	IHS4211/3M	IHS4213/3M	IHS4215/3M
	5,0	IHS5008/3M	IHS5010/3M	IHS5011/3M	IHS5013/3M	IHS5015/3M

Optional PS PLATFORM SHIFT

REDUCED PROSTHETIC PLATFORM IMPLANT.


Numerous studies show the **biological benefits** of working with a **reduced prosthetic platform**.

The **Tree-Oss® PS** implants have a narrower swapped prosthetic connection enabling the prosthetic emergence from a diameter that is smaller than that of the implant. ***See additional info on page 24**



Diameter	Apex	Platform	Connection	Length
4,3	3,2	3,5	CI	8,5
				10
				11,5
				13
				15

Tree-Oss® HS PS Implants References

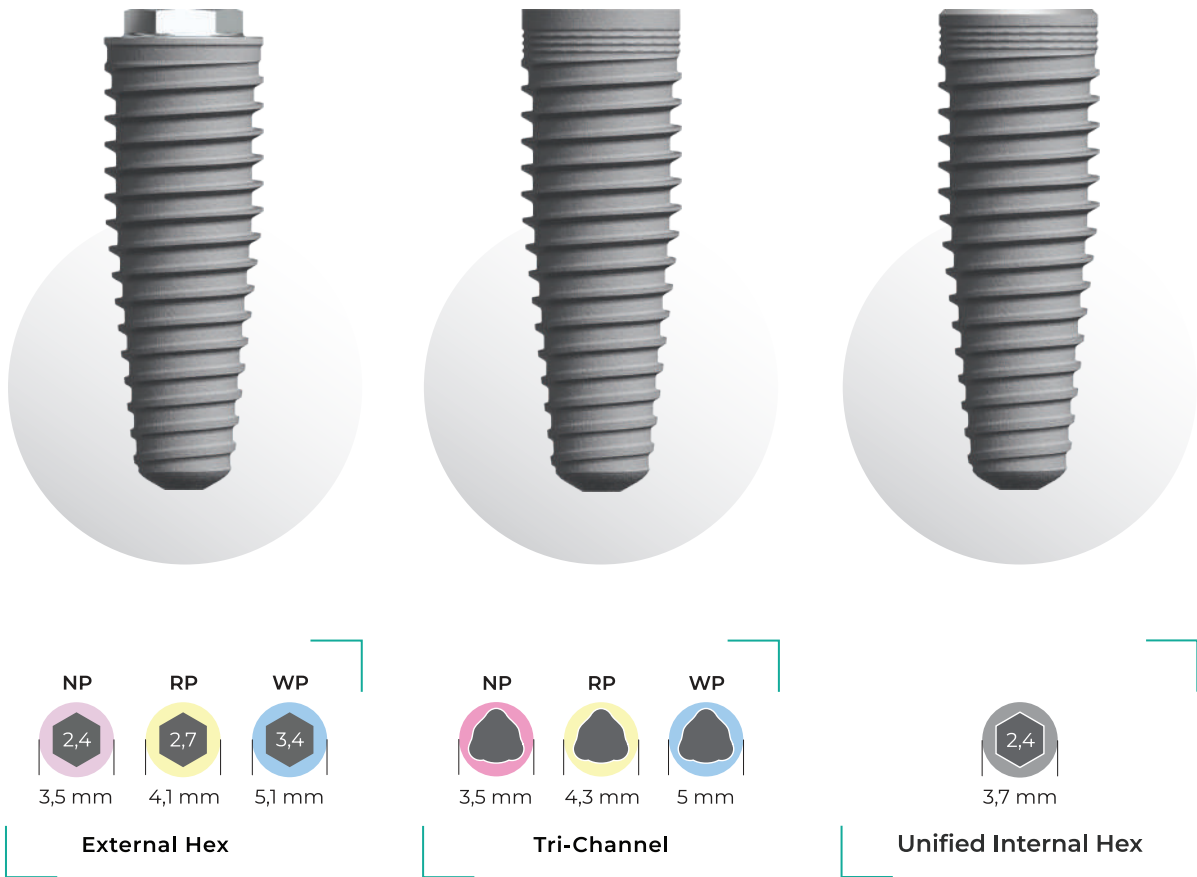
Platform	ø Implant	Length				
CI 	4,3	8,5	10	11,5	13	15
		IHS4308/PS35	IHS4310/PS35	IHS4311/PS35	IHS4313/PS35	IHS4315/PS35



Tree•Oss
ANATOMIC

Tree·Oss ANATOMIC

TAPERED IMPLANT THAT MIMICS THE NATURAL TOOTH ROOT



ANATOMIC IMPLANT

External, Tri-Channel and IH Internal connections.

The Tree·Oss® Anatomic implant has an tapered design that enables versatile adaptation to the different anatomic limitations, always achieving **excellent initial stability**.

This anatomic body design is combined with the traditional universal external hex, or with the unified internal hex and the color coded tri-channel internal connections that **simplify rehabilitations, thus providing a more stable and safe implant-abutment relationship, reducing screw loosening and increasing resistance to lateral loads.**

Its exclusive natural tooth root shape enables easy placement in compromised situations,

making it possible to take **most advantage of the pre-existing remaining bone, obtaining high insertion torque in every bone type.**

Their compressive tapered design **assures** strong initial stability, even in soft bone, bone grafts or post-extraction situations.

Benefit from its **narrow apex** to easily align prosthetic loads with the implant axis. Perform predictable and long-lasting immediate single unit prosthetic procedures.

With Tree·Oss® Anatomic, initial stability and prosthetic success are guaranteed.

FEATURES AND BENEFITS

Connection

CE ● External hex connection. NP 3,5 - RP 4,1 - WP 5,1

Enables every prosthetic procedure available for single or multiple unit cases.

CI ● Tri-channel color coded internal connection. NP 3,5 - RP 4,3 - WP 5,0

Improves resistance to lateral loads, reduces screw loosening and simplifies clinical procedures.

IH ● Unified internal hex connection. One connection for all diameters.

Simplifies prosthetic procedures by using just one connection. Conical adjustment and seating of abutments for perfect sealing. Platform-shift for esthetic emergence.

Surface Treatment to the Top

Maintains maximum level of cervical bone, providing the ideal support for an excellent esthetic result.

Anatomic Tapered Design that Mimics the Natural Tooth Root

Enables adaptation to every anatomic limitation. Assures high initial stability even in soft bone, bone grafts and post extraction cases.

Narrow Apex

Facilitates the correct prosthetic alignment and axial loads, widening the angle of possible positions.

Oxalife® Surface

For deep osseointegration and restorations in less time.



EXTERNAL HEX

Implant ^(I)	Apex ^(A)	Platform ^(P)	Connection	Length ^(L)
3,5	2,2	● 3,5	CE	8
4,3	2,7	● 4,1		10
5	3,3	● 5,1		13
				16

Tree-Oss® ANATOMIC CE Implants References

Platform	ø Implant	Length			
		8	10	13	16
CE ● NP	3,5	IA3508/1M	IA3510/1M	IA3513/1M	IA3516/1M
CE ● RP	4,3	IA4308/1M	IA4310/1M	IA4313/1M	IA4316/1M
CE ● WP	5,0	IA5008/1M	IA5010/1M	IA5013/1M	IA5016/1M



TRI-CHANNEL

Implant ^(I)	Apex ^(A)	Platform ^(P)	Connection	Length ^(L)
3,5	2,2	3,5	CI	8
4,3	2,7	4,3		10
5	3,3	5,0		11,5
				13
				16

Tree-Oss® ANATOMIC CI Implants References

Platform	ø Implant	Length				
		8	10	11,5	13	16
CI NP	3,5	IA3508/2M	IA3510/2M	IA3511/2M	IA3513/2M	IA3516/2M
CI RP	4,3	IA4308/2M	IA4310/2M	IA4311/2M	IA4313/2M	IA4316/2M
CI WP	5,0	IA5008/2M	IA5010/2M	IA5011/2M	IA5013/2M	IA5016/2M



INTERNAL HEX

Implant ^(I)	Apex ^(A)	Platform ^(P)	Connection	Length ^(L)
3,7	2,2	3,7	IH 2,4	8
4,3	2,7			10
5	3,3			11,5
				13
				16

Tree-Oss® ANATOMIC IH Implants References

Platform	ø Implant	Length				
		8	10	11,5	13	16
IH 3,7 mm	3,7	IA3708/3M	IA3710/3M	IA3711/3M	IA3713/3M	IA3716/3M
	4,3	IA4308/3M	IA4310/3M	IA4311/3M	IA4313/3M	IA4316/3M
	5,0	IA5008/3M	IA5010/3M	IA5011/3M	IA5013/3M	IA5016/3M

Opcional PS PLATFORM SHIFT

REDUCED PLATFORM IMPLANT

Numerous studies show the **biological benefits** of working with a **reduced prosthetic platform**.

The **Tree-Oss® PS** implants have a **narrower swapped** prosthetic connection enabling the prosthetic emergence from a diameter that is smaller than that of the implant. This provides **better adaptation of the soft tissue and excellent preservation of cervical bone**, creating the ideal framework for a perfect esthetic result.

The **4.3 diameter PS implant** features a **3.5 tri-channel connection**, enabling the use of **3.5 prosthetic components**, thus creating a **narrower emergence** than that of the implant.

This **distance** between the implant’s platform and the prosthetic emergence allows to **increase the volume** of soft tissue, **better stabilizing** the cervical bone. Thus, vertical bone resorption is avoided, which provides soft tissue with better support and favors the final esthetic result.

Available for **Tree-Oss® Anatomic CI** and **Tree-Oss® HS CI** designs.

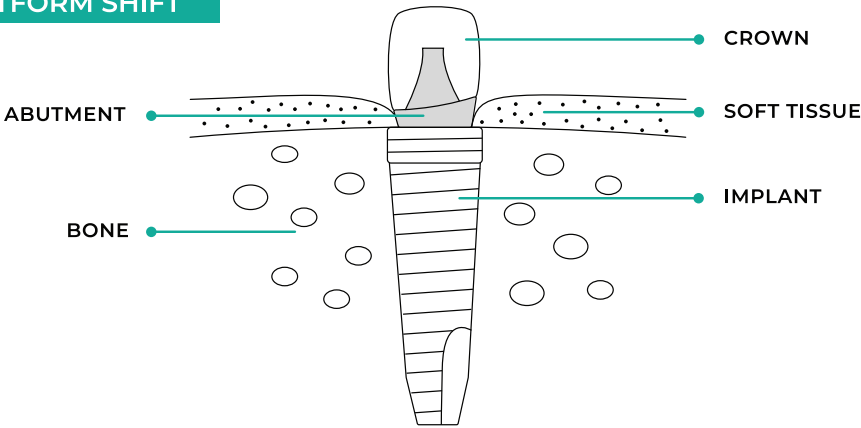


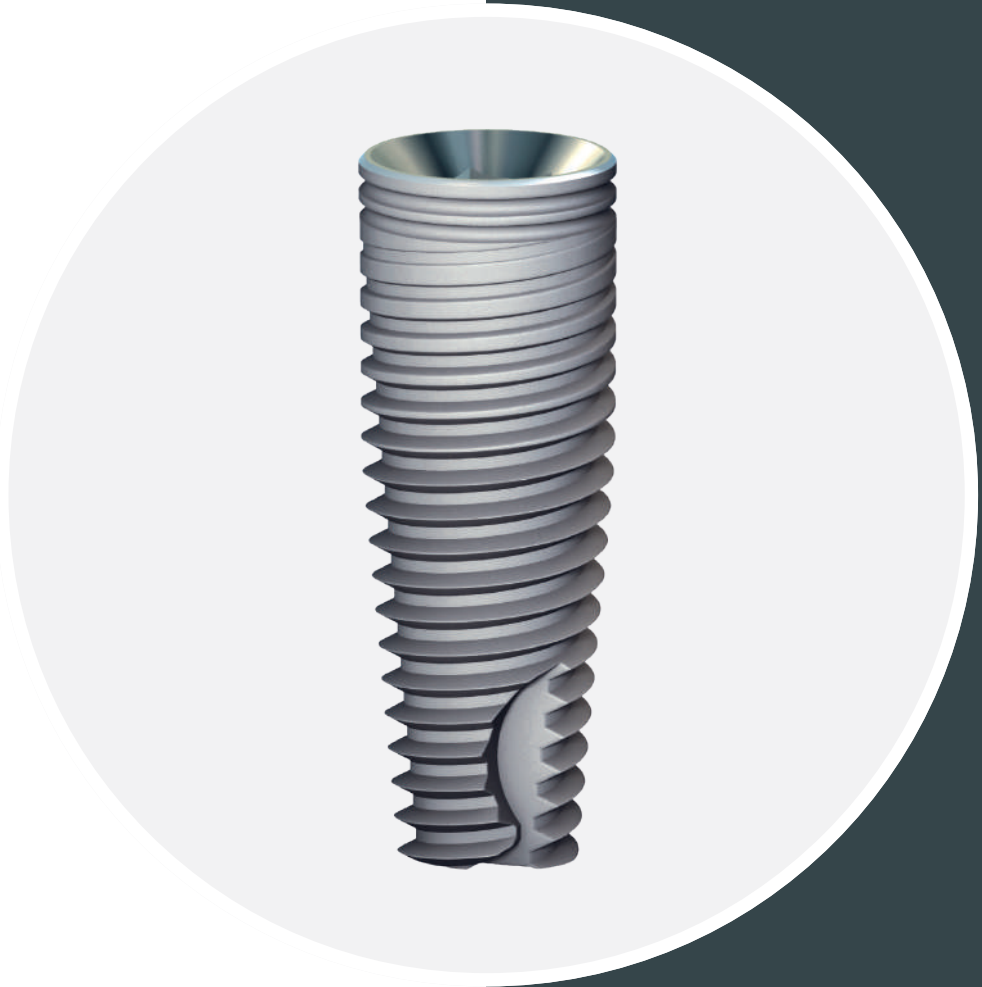
Diameter	Apex	Platform	Connection	Length
4,3	2,7	3,5	CI	8
				10
				11,5
				13
				16

Tree-Oss® ANATOMIC CI PS Implants References

Platform	ø Implant	Length				
		8	10	11,5	13	16
CI NP	4,3	IA4308/PS35	IA4310/PS35	IA4311/PS35	IA4313/PS35	IA4316/PS35

PS PLATFORM SHIFT





Tree•Oss
SIMPLE

Tree·Oss SIMPLE

SEMI-TAPERED SELF-TAPPING IMPLANT



3,7 mm
UNIFIED INTERNAL
HEXAGON

SIMPLE IMPLANT

The **Tree·Oss® SIMPLE** implant is characterized by the simplicity of the surgical procedures and the **simplification** of the prosthetic stage. Designed as an integral tool for the rehabilitation of every case, **Tree·Oss® SIMPLE** will be **friendly from the surgery to the final restoration**.

SURGERY

Use **Tree·Oss® SIMPLE** with total confidence in any bone type, always obtaining excellent initial stability.

Its tapered design assures excellent primary fixation, even in soft bone, as its self-tapping apex with sharp threads enables placement in under prepared bone.

Its gradual thread design avoids excessive compression in hard bones, allowing a soft and stable insertion.

PROSTHETICS

Restore your implants free of complications enjoying its unified internal hex connection. One connection for every diameter.

The neck design features micro-grooves which, together with platform shift, promote maximum cervical bone preservation, which will result in an esthetic and biologically stable rehabilitation.

FEATURES AND BENEFITS

Connection

IH Unified internal hexed connection.

Simplifies prosthetic procedures by using just one connection. Conical adjustment and seating of abutments for perfect sealing. Platform-shift for esthetic emergence.

Surface Treatment to the Top, Micro-grooves and Platform-Shift

Preserves maximum level of cervical bone achieving esthetic and biologically stable restorations.

Tapered Body with Gradual Thread Design

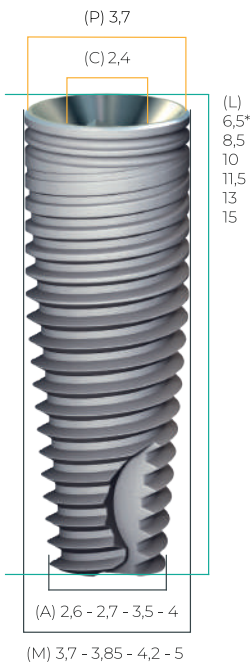
For excellent initial stability in every bone type.

Self-tapping Apex with Sharp Threads


Self-drilling for easy insertion, even in underprepared bone.

Oxalife Surface

For deep osseointegration and rehabilitations in less time.




INTERNAL HEX

Implant	Diameters		Platform (P)	Connection (C)	Length (L)
	Maximum (M)	Apex (A)			
3,3	3,7	2,6	3,7	 IH	6,5*
3,75	3,85	2,7			8,5
4,2	4,2	3,5			10
5,0	5,0	4,0			11,5
					13
				15	

Shorty version only *Ø 4,2 y 5,0

Tree-Oss SIMPLE® Implants References

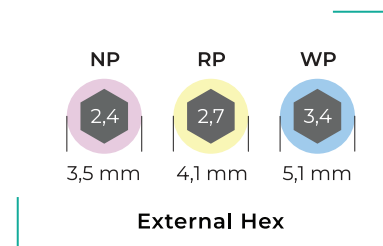
Platform	Ø Implant	Length					
		6,5	8,5	10	11,5	13	15
3,7  IH	3,3	--	IE3308/3M	IE3310/3M	IE3311/3M	IE3313/3M	IE3315/3M
	3,75	--	IE3708/3M	IE3710/3M	IE3711/3M	IE3713/3M	IE3715/3M
	4,2	IE4206/3M	IE4208/3M	IE4210/3M	IE4211/3M	IE4213/3M	IE4215/3M
	5,0	IE5006/3M	IE5008/3M	IE5010/3M	IE5011/3M	IE5013/3M	IE5015/3M



Tree•Oss
RAPID

Tree·Oss RAPID

SELF-TAPPING IMPLANT WITH PARALLEL WALLS AND TAPERED APEX.



RAPID IMPLANT

The **Tree·Oss® Rapid** implant´s main objective is to provide **a versatile, quick and predictable solution** for every clinical case.

Its innovative design simplifies surgical procedures remarkably, **reducing the number of steps and increasing initial stability.**

The unique combination of parallel walled cylindrical body with a tapered apex with high self-tapping power, enables the possibility of achieving **high insertion torque and excellent initial stability** in every bone type and area of the mouth.

Improve patients´ comfort and save valuable time reducing the number of surgical steps. Enhance predictability of your cases achieving the perfect stability balance in any bone type. Perform any prosthetic procedure, single or multiple units, using external connection components.

With Tree·Oss Rapid®, time and practicality will be your allies.

FEATURES AND BENEFITS

Connection

CE  **External hex connection. NP 3,5 – RP 4,1 – WP 5,1.**

Allows to perform every prosthetic procedure available for single unit and multiple cases.

Surface Treatment to the Top

Preserves maximum level of cervical bone providing ideal support for excellent esthetic results.

Double Threaded Parallel Walled Cylindrical Body

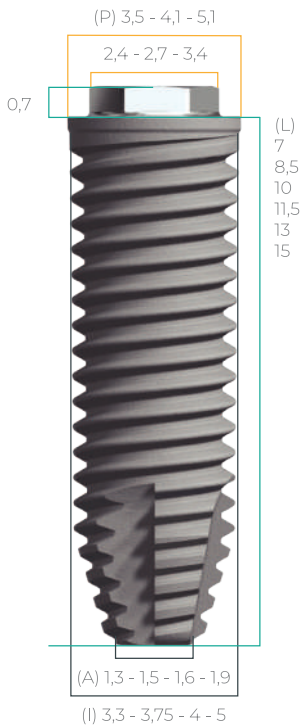
Enables faster and more stable placement.

Self-Tapping Apex




Enables placement in underprepared bone, remarkably reducing surgical times and increasing initial stability in any bone situation.

Oxalife® Surface



For deep osseointegration and rehabilitations in less time.

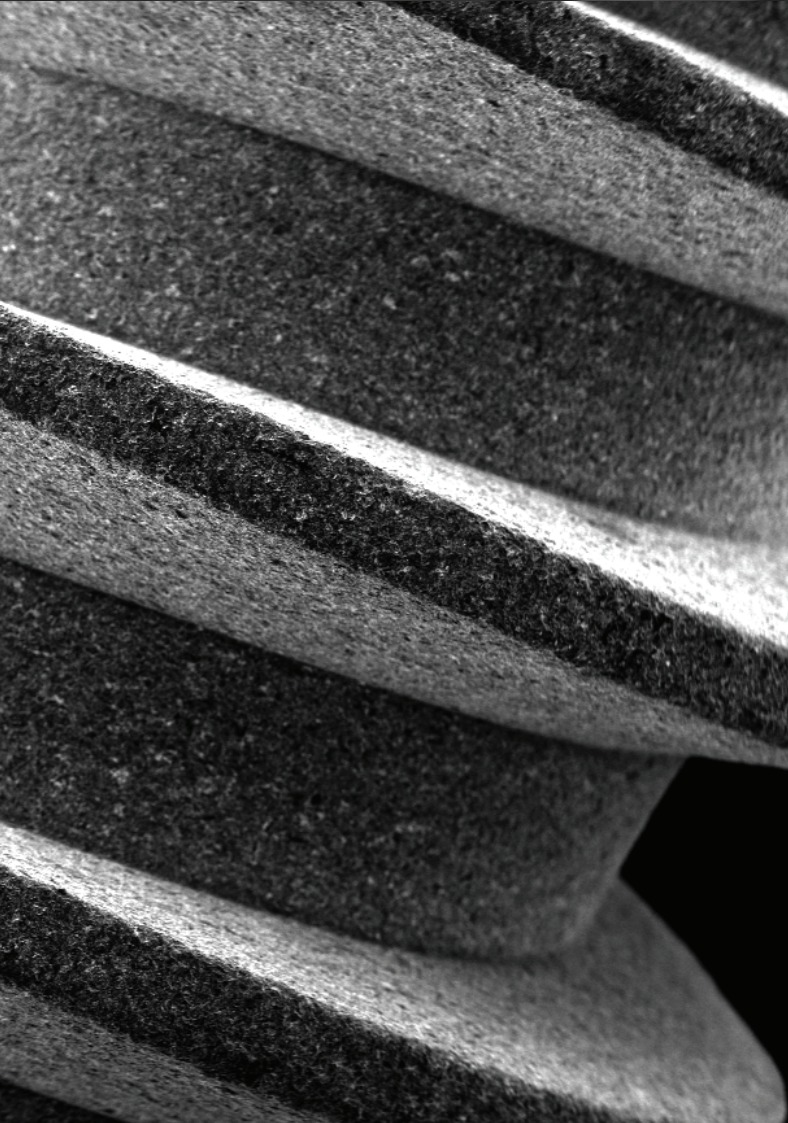
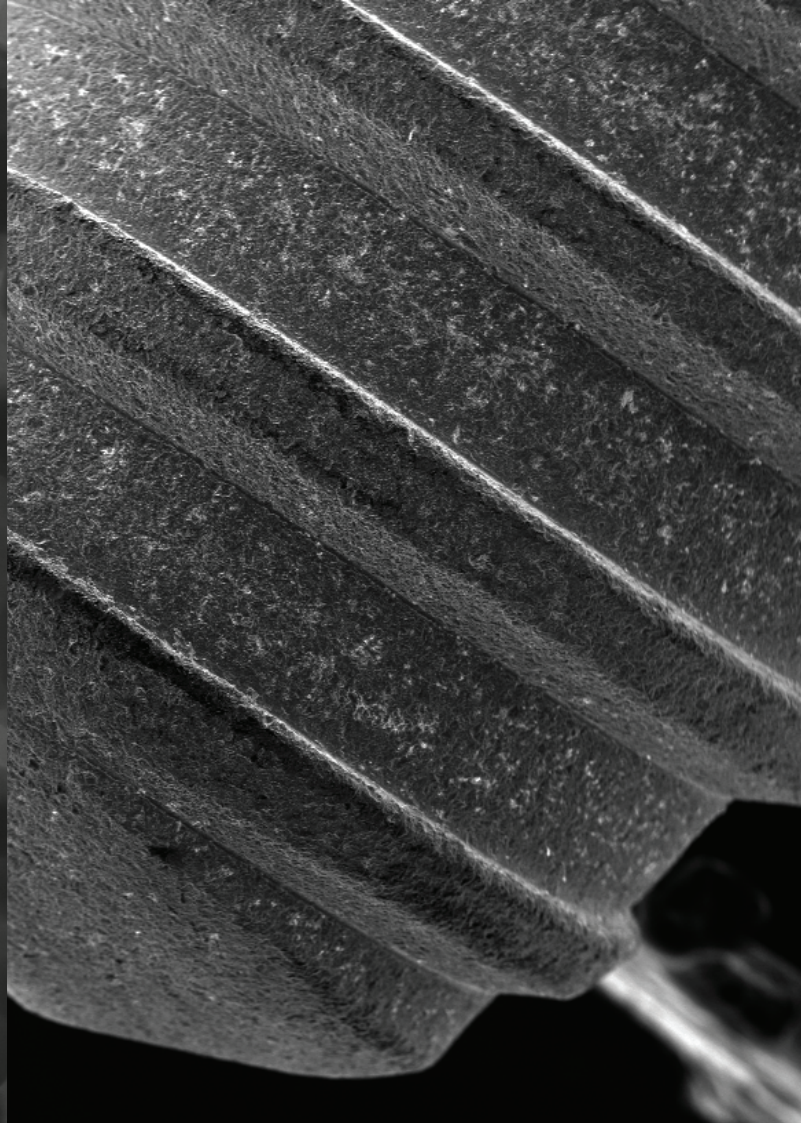
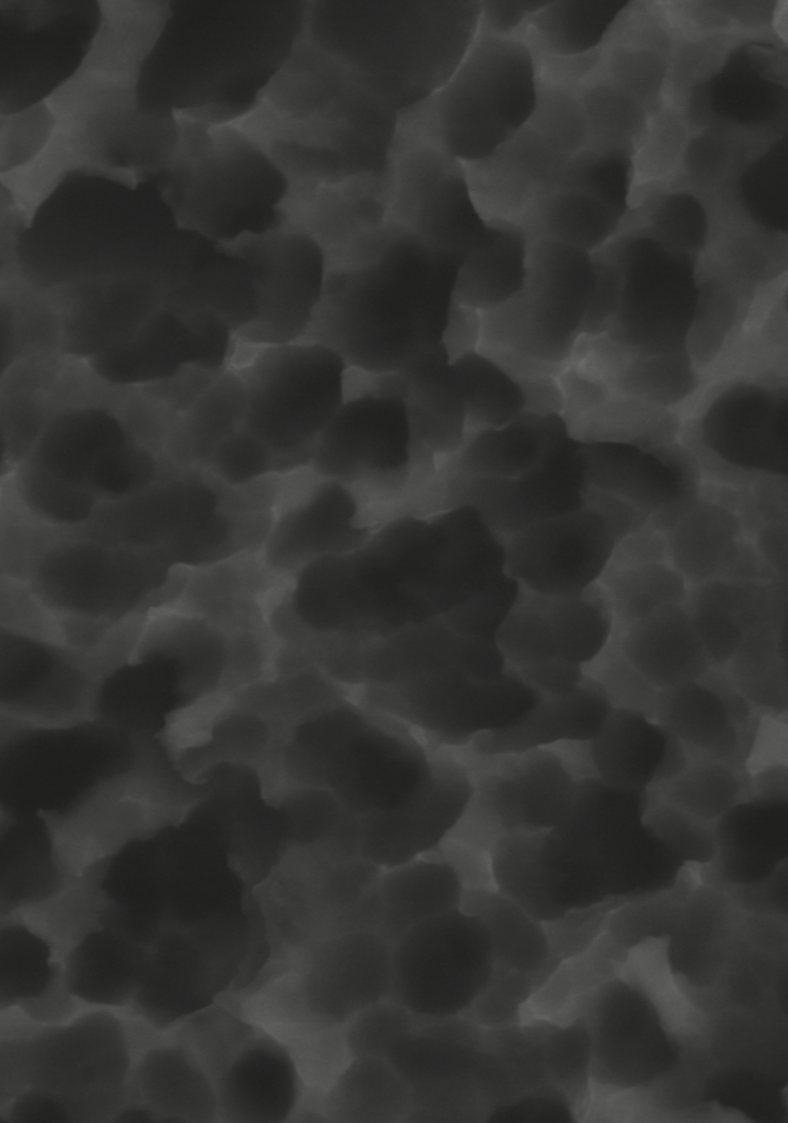


EXTERNAL HEX

Diameters		Platform ^(P)	Connection	Length ^(L)
Implante ^(I)	Ápice ^(A)	3,5	CE  NP	7
3,3	1,3			8,5
3,75	1,5	4,1	CE  RP	10
4,0	1,6			11,5
5,0	1,9	5,1	CE  WP	13
				15

Tree-Oss RAPID® Implants References

Platform	ø Implant	Length					
		7	8,5	10	11,5	13	15
CE  NP	3,3	IS3307/1M	IS3308/1M	IS3310/1M	IS3311/1M	IS3313/1M	IS3315/1M
	3,75	IS3707/1M	IS3708/1M	IS3710/1M	IS3711/1M	IS3713/1M	IS3715/1M
CE  RP	4,0	IS4007/1M	IS4008/1M	IS4010/1M	IS4011/1M	IS4013/1M	IS4015/1M
	5,0	IS5007/1M	IS5008/1M	IS5010/1M	IS5011/1M	IS5013/1M	IS5015/1M



Tree•Oss
OXALIFE
SURFACE

OXALIFE® SURFACE

All the Tree-Oss® implants have the exclusive Oxalife® surface treatment.

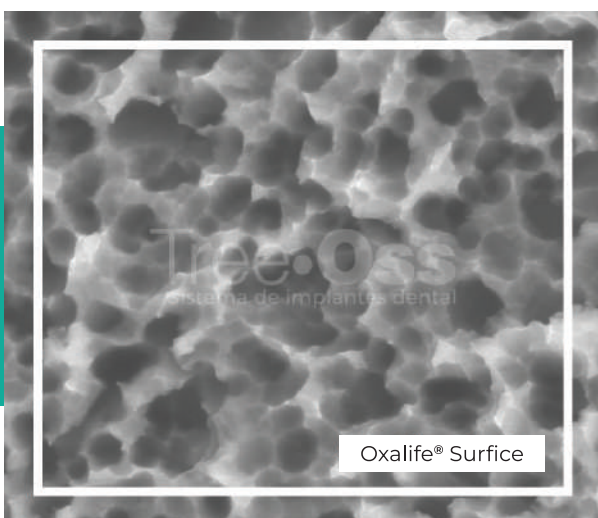
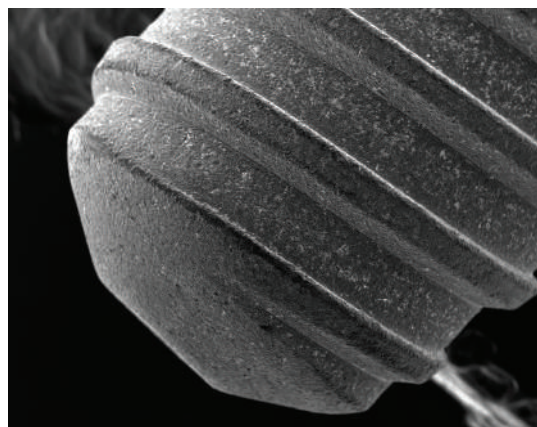
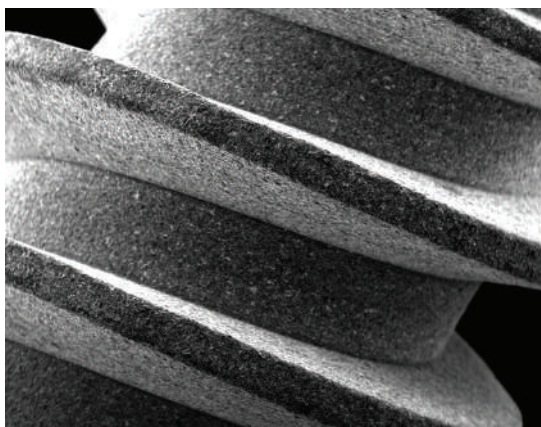
This innovative treatment gives commercially pure titanium ideal roughness and porosity for optimal biological response.

The combination of macro and micro porosity increases the surface wettability capacity, which accommodates growth factors **providing a highly osseo-conductive surface.**

Its augmented oxide layer assures excellent biological response, favoring the environment for predictable early osseointegration.

The Oxalife® surface treatment is achieved by means of three procedures:

- **Blasting** for macro roughness
- **Acid Etching** for micro roughness
- **Thermal Treatment** for increased titanium oxide layer

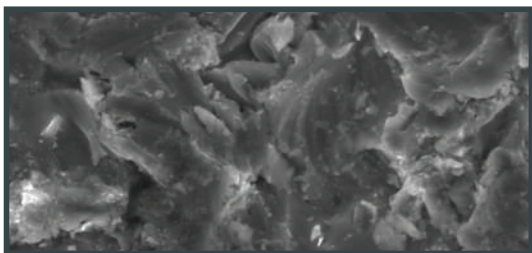


With Oxalife® obtain deeper and stronger osseointegration, increase bone-to-implant contact and reduce rehabilitation time.

STAGES

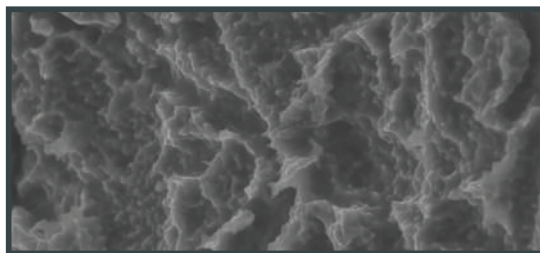
BLASTING

Surface roughness is achieved through mechanical means, producing a high quality macro texture.



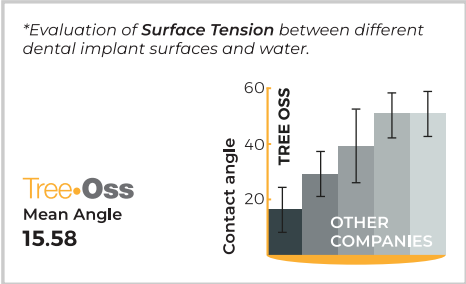
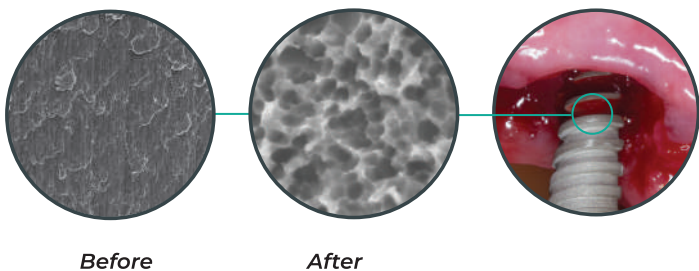
ACID AND THERMAL TREATMENT

Controlled **micro porosity** is achieved by treating the surface with acid solutions. Additionally, thermal procedures provide the final morphology and produce an **increase in the oxidized surface**, thus assuring the necessary surface tension for high wettability.



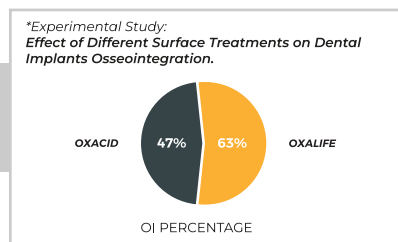
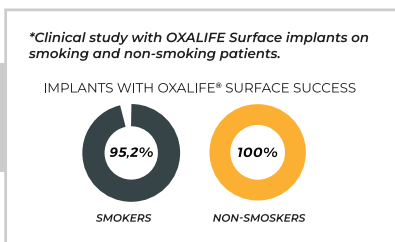
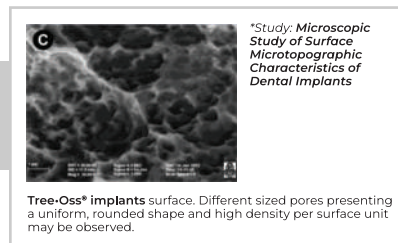
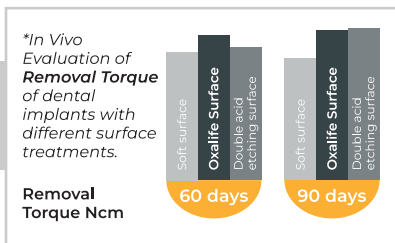
HIGH WETTABILITY – CAPILLARITY

SMOOTH SURFACE OXALIFE SURFACE



Ideal balance between Roughness, Porosity and Oxidizing

OTHER STUDIES



*SEE MORE STUDIES IN WWW.TREE-OSS.COM/QUALITY



Tree•Oss
PACKAGING

TREE- OSS IMPLANTS PACKAGING



All the **Tree-Oss® implant** lines are packed with the same “**ready-for-use**” system, which standardizes and simplifies surgical procedures.

Every **Tree-Oss® implant** is packed in a **double capsule** system, offering absolute safety and comfort at placement.

INCLUDED WITH ALL IMPLANTS*



IMPLANT / MULTI-FUNCTION IMPLANT MOUNT / CAP / PROSTHETIC SCREW

* Except for **Tree-Oss® CERAMIC** one-piece implant.

CASE



Its **unique safety label** assures **inviolability** of the product until its only and final opening.

Each case contains:

- **PET blister** sealed with **TYVEK**, including implant and components.
- **Registration labels** for the patient's clinical records.
- **Instructions for use.**

First of all, you will find a case containing **the blister** or **secondary package**, together with **registration labels** and **instructions for use**.

THE CASE COLOUR ALLOWS QUICK IDENTIFICATION OF THE IMPLANT TYPE:

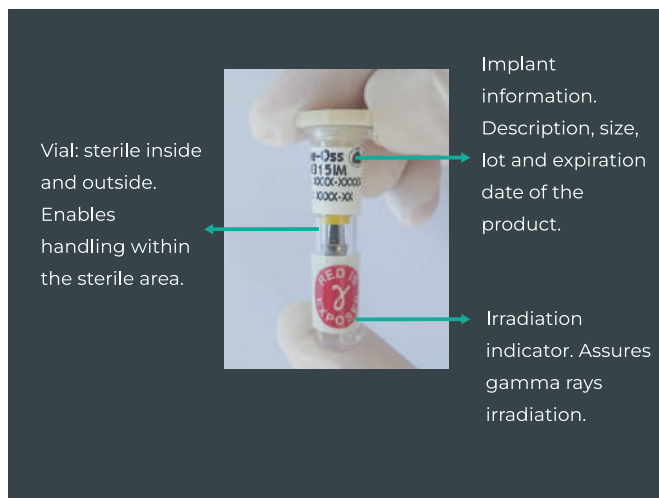
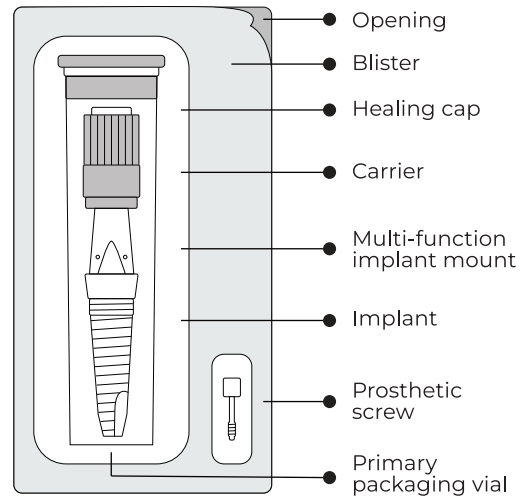
HS DESIGN IH Connection	HS DESIGN CI Connection	ANATOMIC OR RAPID DESIGNS CE Connection	ANATOMIC DESIGN CI Connection	ANATOMIC OR SIMPLE DESIGNS IH Connection	CERAMIC DESIGN One-Piece

SECONDARY PACKAGE

The blister, or secondary package, is made of **PET and sealed with lacquered Tyvek**, thus assuring the integrity of the product as well as **5 years sterility**.

Follow the steps below:

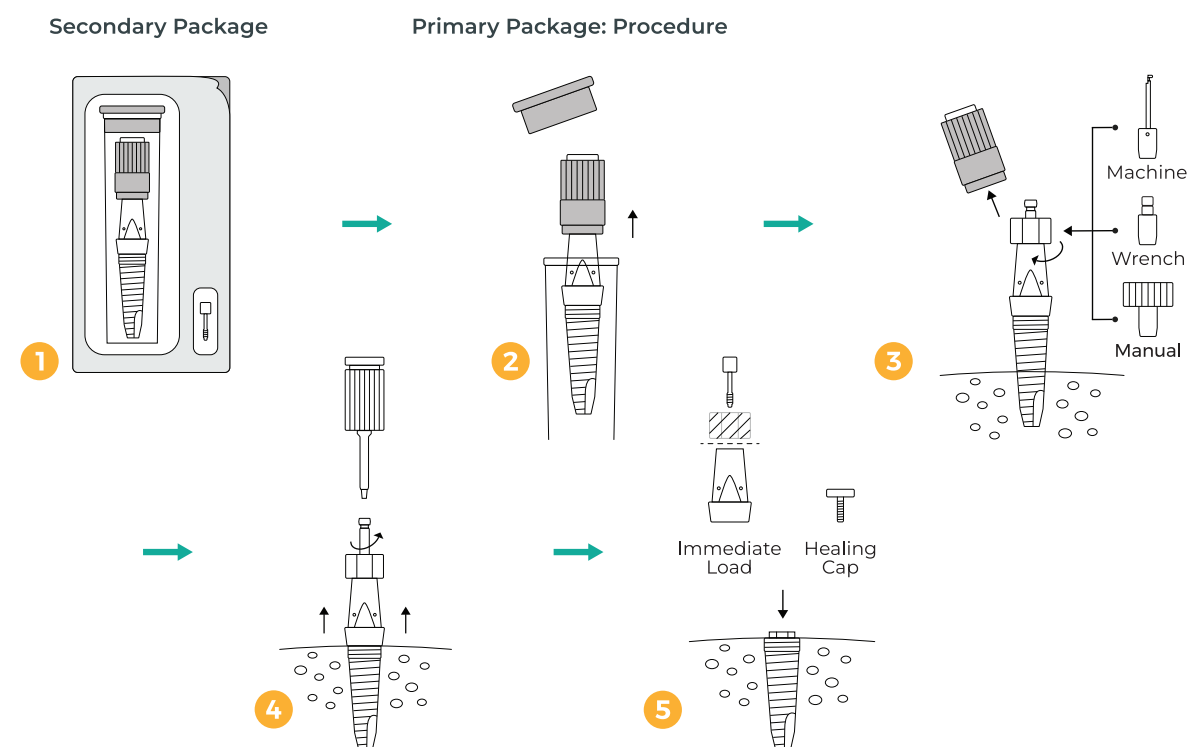
- Lift-off the blister flap
- Drop the primary packaging inside the sterile field



PRIMARY PACKAGE

The primary package is **sterile on the inside and outside**, so it can be handled within the surgical field.

TREE·OSS® IMPLANT OPENING AND PLACEMENT PROCEDURE



TREE-oss® MULTI-FUNCTION IMPLANT MOUNT



All the **Tree-oss® Implants** are packed mounted with a multi-function implant mount, which may be used to take open or closed tray impressions (together with the plastic SNAP, sold separately).

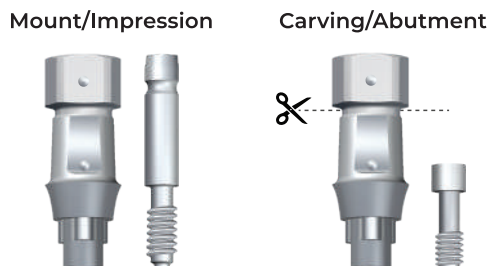
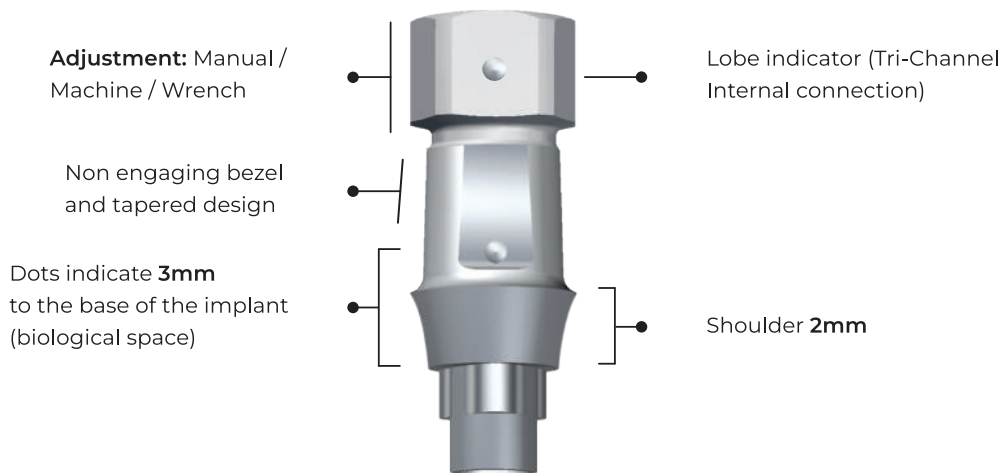
Perform the same placement, impression and restoration procedure, regardless of the implant design or connection used.

The **multi-function implant mount** can be cut or carved to become a **temporary or definitive abutment**.

CAD/CAM:
Allows for use as Ti-base.
Request the corresponding digital library.

USE THE **MULTI-FUNCTION IMPLANT MOUNT** AS OPEN OR CLOSED TRAY TRANSFER BY ADDING A PLASTIC **SNAP**. USE THE **PROSTHETIC SCREW** INCLUDED IN THE PACKAGING TO CONVERT THE IMPLANT MOUNT INTO A **MACHINED TITANIUM ABUTMENT**.

INCLUDED WITH ALL IMPLANTS*



*Laboratory and prosthetic screws included in package.

* Except for **Tree-Oss® CERAMIC one-piece implant**.



Tree•Oss
Dental Implant System

PROSTHETIC
SYSTEM

PROSTHETIC SYSTEM

























The **Tree-Oss® Prosthetic System** offers a complete range of possibilities in prosthetic components, assuring **reliable and long-lasting** solutions in every clinical situation, while satisfying the current esthetic demands.

Its wide variety of components allows for restorations using any prosthetic technique: **cemented and/or screw-retained** single unit

restorations, implant level **multiple** unit restorations or using **trans-mucosal systems**, overdentures and even **metal-free restorations using zirconia abutments**.

Tree-Oss® offers an abutment **library for digital flow and CAD-CAM** restorations.

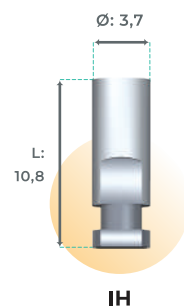
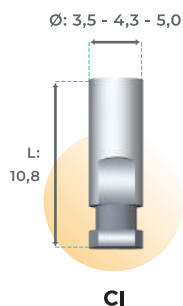
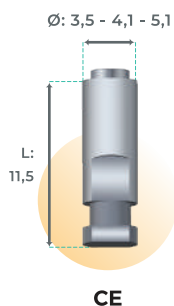
The **Tree-Oss® System** is based on three types of connections:

 CE	 CI	 IH										
<p>Hexed External Connection. The simplicity of standard.</p> <p>Compatible. Brånemark hexagons compatible with all three sizes for universal rehabilitations.</p> <p>Reduced Height. Eases procedures in treatments with screw-retained multiple units and overdentures.</p>	<p>Tri-Channel Internal Connection. Reduces screw loosening and simplifies clinical procedures.</p> <p>4 mm depth. Higher resistance to lateral loads.</p> <p>Color coded. Simplifies interaction with prosthetic components.</p>	<p>Unified Internal Hex Connection. simplifies prosthetic procedures by using one connection.</p> <p>Conical seating. Perfect sealing, maximum reduction of micro-movements.</p> <p>Platform Shift. Favors soft tissue and cervical bone preservation, achieving esthetic and biologically stable restorations.</p>										
<table border="0"> <tr> <td data-bbox="215 1512 295 1624"> <p>NP</p>  <p>2,4</p> </td> <td data-bbox="343 1512 422 1624"> <p>RP</p>  <p>2,7</p> </td> <td data-bbox="470 1512 550 1624"> <p>WP</p>  <p>3,4</p> </td> </tr> <tr> <td>3,5 mm</td> <td>4,1 mm</td> <td>5,1 mm</td> </tr> </table>	<p>NP</p>  <p>2,4</p>	<p>RP</p>  <p>2,7</p>	<p>WP</p>  <p>3,4</p>	3,5 mm	4,1 mm	5,1 mm	<table border="0"> <tr> <td data-bbox="625 1512 705 1624"> <p>NP</p>  <p>3,5 mm</p> </td> <td data-bbox="753 1512 833 1624"> <p>RP</p>  <p>4,3 mm</p> </td> <td data-bbox="880 1512 960 1624"> <p>WP</p>  <p>5 mm</p> </td> </tr> </table>	<p>NP</p>  <p>3,5 mm</p>	<p>RP</p>  <p>4,3 mm</p>	<p>WP</p>  <p>5 mm</p>	<table border="0"> <tr> <td data-bbox="1173 1534 1252 1646">  <p>2,4</p> <p>3,7 mm</p> </td> </tr> </table>	 <p>2,4</p> <p>3,7 mm</p>
<p>NP</p>  <p>2,4</p>	<p>RP</p>  <p>2,7</p>	<p>WP</p>  <p>3,4</p>										
3,5 mm	4,1 mm	5,1 mm										
<p>NP</p>  <p>3,5 mm</p>	<p>RP</p>  <p>4,3 mm</p>	<p>WP</p>  <p>5 mm</p>										
 <p>2,4</p> <p>3,7 mm</p>												

A wide range of prosthetic alternatives in three different connections will allow you to restore your implant cases with absolute **reliability and versatility**.

IMPLANT ANALOG

Made of titanium · Color coded.



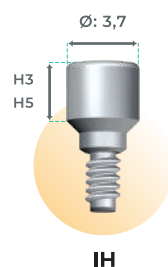
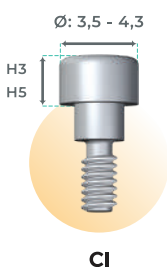
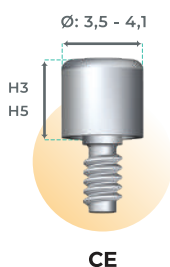
Implant Analog References

CE		CI		IH	
NP 3,5	AIM35/1M	NP 3,5	AIM35/2M		--
RP 4,1	AIM41/1M	RP 4,3	AIM43/2M	RP 3,7	AIM/3M
WP 5,1	AIM51/1M	WP 5,0	AIM50/2M		--

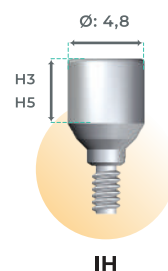
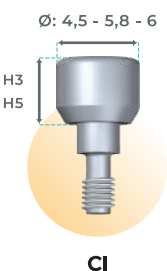
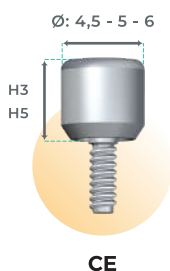
HEALING ABUTMENT

Made of titanium · Different emergence profiles · Different heights · Color coded · Hexed connection 0.050.

Cylindrical



Expansive



Healing Abutment References

CE		CI		IH	
Cylindrical		Cylindrical		Cylindrical	
	H3 H5		H3 H5		H3 H5
NP 3,5	TCI353/1M TCI355/1M	NP 3,5	TCI353/2M TCI355/2M	RP 3,7	TCI3/3M TCI5/3M
RP 4,1	TCI413/1M TCI415/1M	RP 4,3	TCI433/2M TCI435/2M		
Expansive		Expansive		Expansive	
	H3 H5		H3 H5		H3 H5
NP 3,5	TCE3453EM TCE3455EM	NP 3,5	TCE3453IM TCE3455IM	RP 3,7	-- --
RP 4,1	TCE4503EM TCE4505EM	RP 4,3	TCE4503IM TCE4505IM		TCE3/3M TCE5/3M
WP 5,1	TCE5603EM TCE5605EM	WP 5,0	TCE5603IM TCE5605IM		-- --

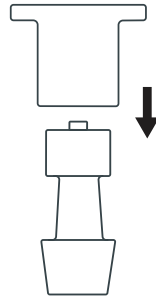
SNAP TRANSFER SYSTEM

Plastic coping to be used together with any Tree-Oss® implant mount · Allows to take closed tray impressions by dragging the SNAP and obtaining great precision with a simple technique ·

One coping adaptable to every Tree-Oss® diameters and connections.



CE CI IH



PROCEDURE:

- 1 Place the implant mount corresponding to the implant/s you wish to transfer for the working model.
- 2 Seat the SNAP on the implant mount pressing towards the implant.
- 3 Take a closed tray impression and drag the SNAP.
- 4 Unscrew the implant mount and screw it on an analog.
- 5 Re-position the implant mount together with the analog on the SNAP in the impression material.
- 6 Make the cast to manufacture the working model.

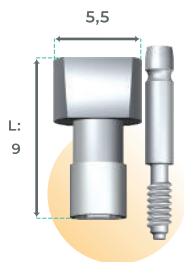
SNAP References

CONNECTION		
CE	CI	IH
CIMP		

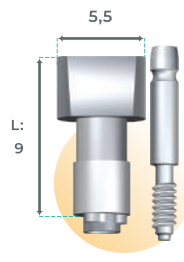
TRANSFER

Made of titanium · Color coded · Multiple and single unit impressions · Hexed screw 0.050.

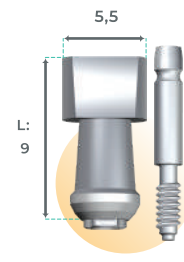
Open Tray



CE

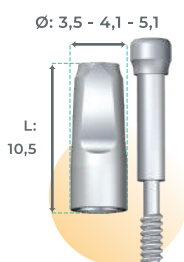


CI

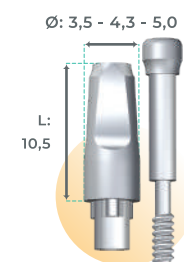


IH

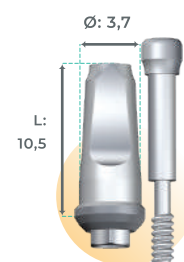
Closed Tray



CE



CI



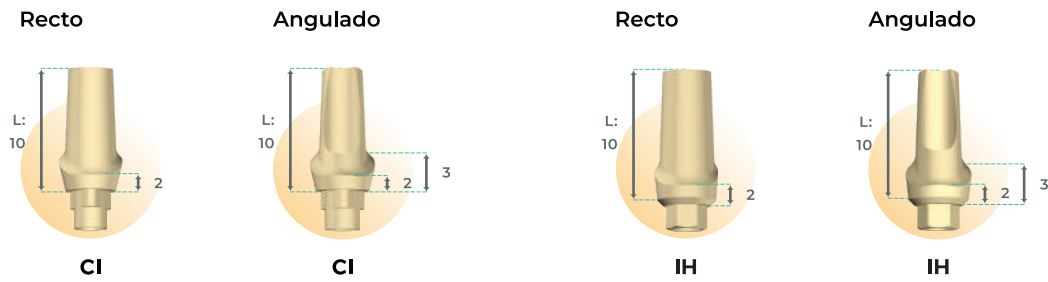
IH

Transfer References

	CE		CI		IH		
	Open	Closed	Open	Closed	Open	Closed	
NP 3,5	TCA35/1M	TCC35/1M	TCA35/2M	TCC35/2M	--	--	
RP 4,1	TCA41/1M	TCC41/1M	TCA43/2M	TCC43/2M	RP 3,7	TCA/3M	TCC/3M
WP 5,1	TCA51/1M	TCC51/1M	TCA50/2M	TCC50/2M		--	--

PEEK ABUTMENT

Temporary abutment made of PEEK, biocompatible material · Easy to carve · Esthetic design with low shoulder on the vestibular side · Straight and angled · Includes titanium prosthetic screw with 0.050 hexed connection.

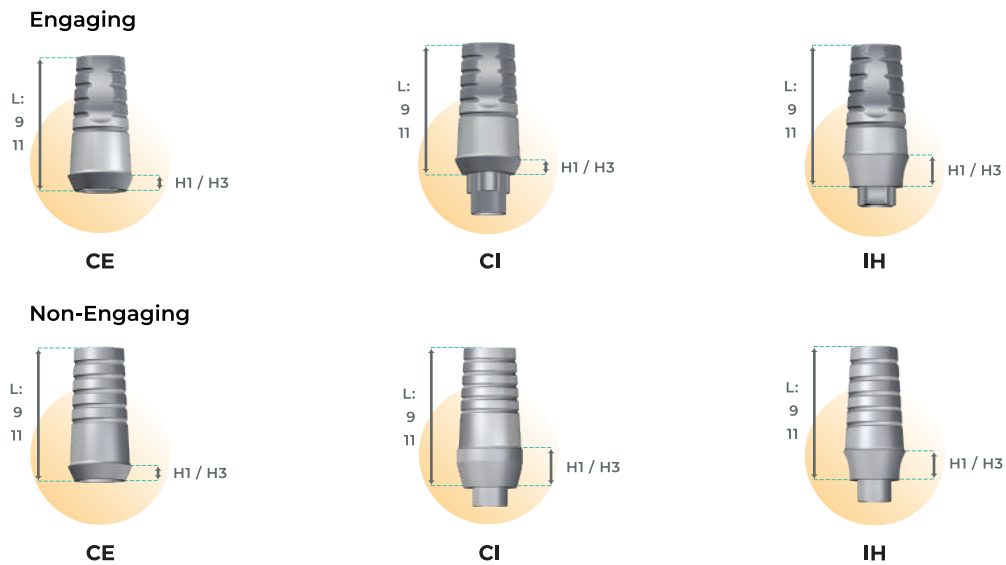


PEEK Abutment References

		CI		IH	
		Straight	Angled	Straight	Angled
NP 3,5		PEEK351/2M	--	--	--
RP 4,3		PEEK431/2M	--	PEEKR/3M	PEEKA/3M
WP 5,0		--	--	--	--

STRAIGHT STANDARD ABUTMENT

Made of titanium · Allows for carving · Single and multiple unit cemented prosthetics · Use engaging for individual crowns and non-engaging for multiple unit cases · Ideal for temporary prosthetics and immediate load · Includes prosthetic screw with 0.050 hexed connection.



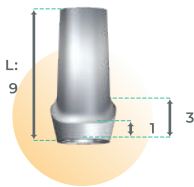
Straight Standard Abutment References

		CE		CI		IH	
		Engaging		Engaging		Engaging	
		H1	H3	H1	H3	H1	H3
NP 3,5		PRE351/1M	PRE353/1M	PRR351/2M	PRR353/2M	--	--
RP 4,1		PRE411/1M	PRE413/1M	PRR431/2M	PRR433/2M	PRE/3M	PRE3/3M
WP 5,1		PRE511/1M	PRE513/1M	PRR501/2M	PRR503/2M	--	--
		Non-Engaging		Non-Engaging		Non-Engaging	
		H1	H3	H1	H3	H1	H3
NP 3,5		PRR351/1M	PRR353/1M	PRR351/2M	PRR353/2M	--	--
RP 4,1		PRR411/1M	PRR413/1M	PRR431/2M	PRR433/2M	PRR/3M	PRR3/3M
WP 5,1		PRR511/1M	PRR513/1M	PRR501/2M	PRR503/2M	--	--

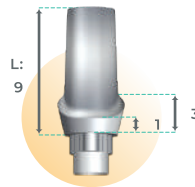
ESTHETIC ABUTMENT

Made of titanium · Allows for carving · Straight: extended walls height and thickness for versatile carving · Angled: 15° angulations · Esthetic shoulder design lower at vestibular side – Single unit cases with cemented prosthetics · Ideal for esthetic areas · Includes 0.050 hex prosthetic screw.

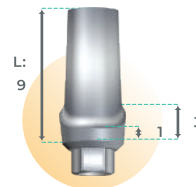
Straight



CE

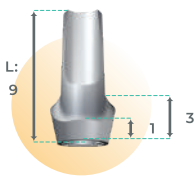


CI

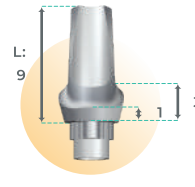


IH

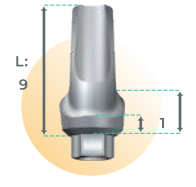
Angled



CE



CI



IH

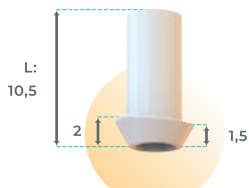
Esthetic Abutment References

CE		CI		IH	
	Straight	Angled		Straight	Angled
NP 3,5	PER351/1M	PEA3551EM	NP 3,5	PER351/2M	PEA3551IM
RP 4,1	PER411/1M	PEA4151EM	RP 4,3	PER431/2M	PEA4351IM
WP 5,1	PER511/1M	PEA5151EM	WP 5,0	PER501/2M	PEA5051IM
				RP 3,7	PER/3M
					PEA/3M
					--

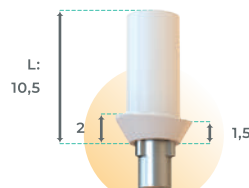
ZIRCONIA ABUTMENT

Made of Zirconia Ytria, highly resistant ceramic material · Allows for carving · Optimal biocompatibility and esthetics · Less bacterial load · Cemented or screw-retained crowns · Esthetic shoulder design · Includes hexed 0.050 prosthetic screw.

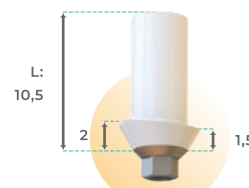
Straight



CE

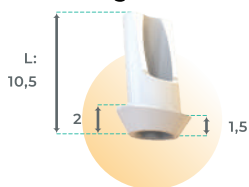


CI

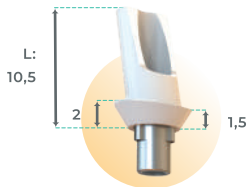


IH

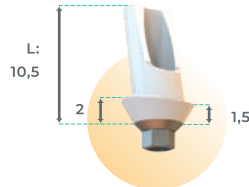
Angled



CE



CI



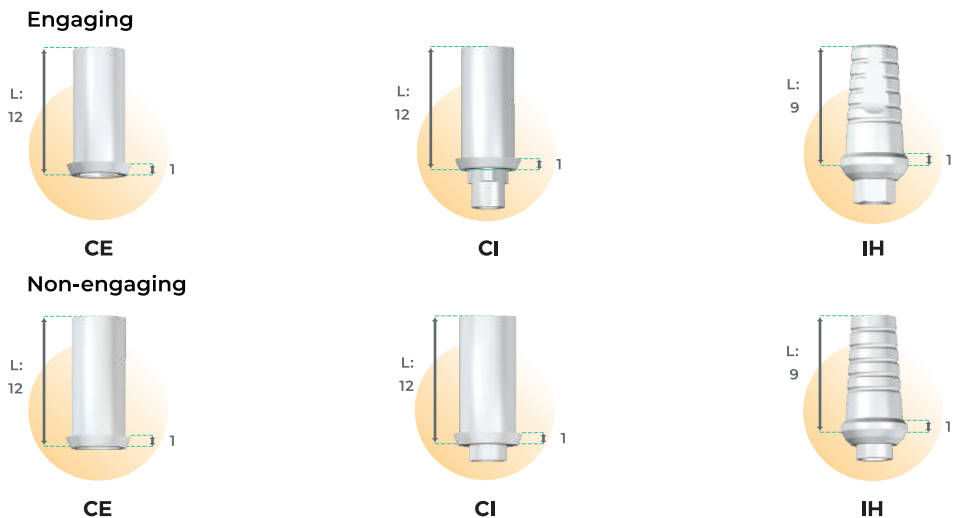
IH

Zirconia Abutment References

CE		CI		IH	
	Straight	Angled		Straight	Angled
NP 3,5	00010/1M	10010/1M	NP 3,5	00010/2M	10010/2M
RP 4,1	00020/1M	10020/1M	RP 4,3	00020/2M	10020/2M
				RP 3,7	00020/3M
					10020/3M

BURN-OUT ABUTMENT (UCLA)

Machined of residue-free fully burn-out material · Single and multiple unit cases with cemented or screw-retained prosthetics · Overdentures · Customized design when the orientation of the implant is not ideal · Engaging for single unit cases and non-engaging for multiple unit cases · Includes hexed 0,050 prosthetic screw.

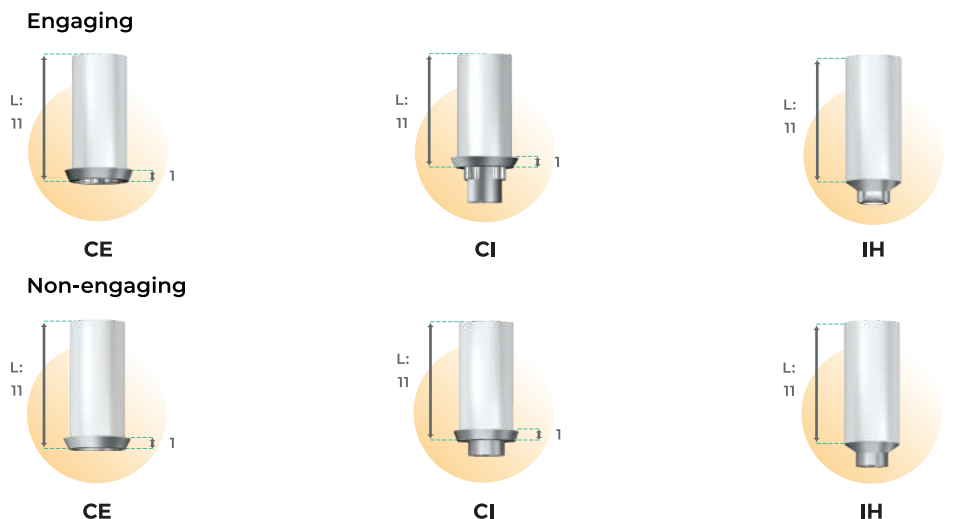


Burn-Out Abutment (UCLA) References

CE		CI		IH	
Engaging	Non-engaging	Engaging	Non-engaging	Engaging	Non-engaging
NP 3,5	UCA351/1M UCR351/1M	NP 3,5	UCA351/2M UCR351/2M	RP 3,7	-- --
RP 4,1	UCA411/1M UCR411/1M	RP 4,3	UCA431/2M UCR431/2M	RP 3,7	UCA1/3M UCR1/3M
WP 5,1	UCA511/1M UCR511/1M	WP 5,0	UCA501/2M UCR501/2M	RP 3,7	-- --

BURN-OUT ABUTMENT (UCLA) WITH METAL BASE

Burn out material with machined chrome base · Single unit cases with cemented crown · Customized design when the orientation of the implant is not ideal · Customized abutment design without losing precision nor adaptation at implant connection level · Includes 0.050 hexed screw.

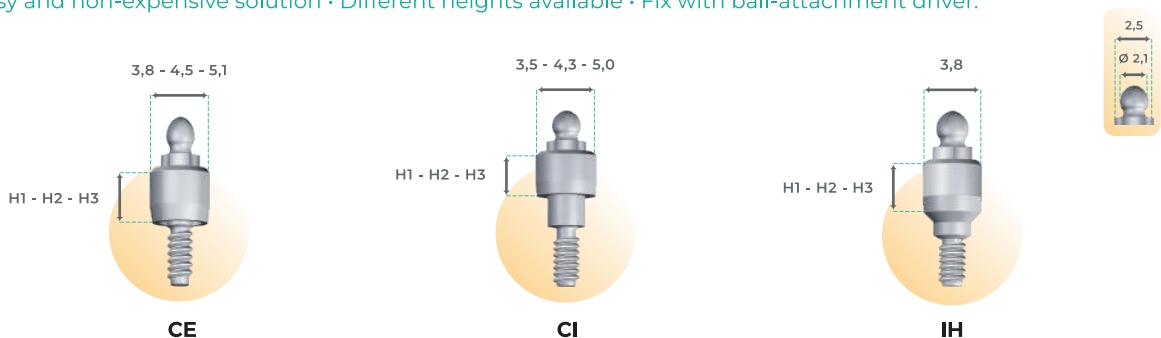


Burn-out Abutment (UCLA) with Metal Base References

CE		CI		IH	
Engaging	Non-engaging	Engaging	Non-engaging	Engaging	Non-engaging
NP 3,5	O.B.01.1001 O.B.03.1001	NP 3,5	O.B.02.1001 O.B.04.1001	RP 3,7	-- --
RP 4,1	O.B.01.1002 O.B.03.1002	RP 4,3	O.B.02.1002 O.B.04.1002	RP 3,7	O.B.05.1001 O.B.05.1002
WP 5,1	O.B.01.1003 O.B.03.1003	WP 5,0	O.B.02.1003 O.B.04.1003	RP 3,7	-- --

BALL-ATTACHED ABUTMENT

Made of titanium · Overdentures with ball attachment · Metal with silicone O-ring system with high retention · Easy and non-expensive solution · Different heights available · Fix with ball-attachment driver.



Ball-Attached Abutment References

CE			CI			IH		
	H1	H2		H1	H2		H1	H2
NP 3,5	BA3501/1M	BA3502/1M	NP 3,5	BA3501/2M	BA3502/2M	RP 3,7	--	--
RP 4,1	BA4101/1M	BA4102/1M	RP 4,3	BA4301/2M	BA4302/2M		BA1/3M	BA2/3M
WP 5,1	BA5101/1M	BA5102/1M	WP 5,0	BA5001/2M	BA5002/2M		--	--
	H3			H3			H3	
NP 3,5	BA3503/1M		NP 3,5	BA3503/2M		RP 3,7	--	--
RP 4,1	BA4103/1M		RP 4,3	BA4303/2M			BA3/3M	--
WP 5,1	BA5103/1M		WP 5,0	BA5003/2M			--	--

SCREWS

Made of titanium · Available in two connections: hexed 0.050 and square.

Hexed



CE



CI



IH

Square



CE



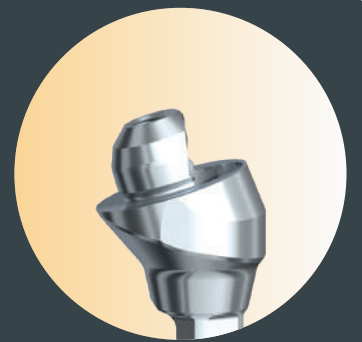
CI



IH

Screws References

CE			CI			IH		
	Hexed	Square		Hexed	Square		Hexed	Square
NP 3,5	TP351/1M	T90P351/1M	NP 3,5	TP351/2M	T90P351/2M	RP 3,7	--	--
RP 4,1	TP411/1M	T90P411/1M	RP 4,3	TP431/2M	T90P431/2M		TP/3M	T90P/3M
WP 5,1	TP511/1M	T90P511/1M	WP 5,0	TP431/2M	T90P431/2M		--	--



Tree•Oss
Dental Implant System

**MULTIPLE
ABUTMENT**

TRANSMUCOSAL PROSTHETIC SYSTEM: MULTIPLE ABUTMENT

The Multiple Abutment system enables restoration of cases with several implants, offering great advantages on the prosthetic procedures as well as in functionality.

The use of Multiple Abutments allows to correct height and alignment differences between the implants, by lifting all the procedures above the gingival margin, thus reducing gum retraction and protecting implant osseointegration.

For screw-retained fixed prosthetics as well as overdentures, the Multiple Abutments assure perfect implant-abutment adaptation and predictable biological and biomechanical results in time.

BENEFITS OF USING MULTIPLE ABUTMENTS:

PERFECT ADAPTATION

The use of machined pieces together with implants assure perfect adaptation, thus avoiding screw loosening and protecting osseointegration and soft tissue.

HEALTHY SOFT TISSUE

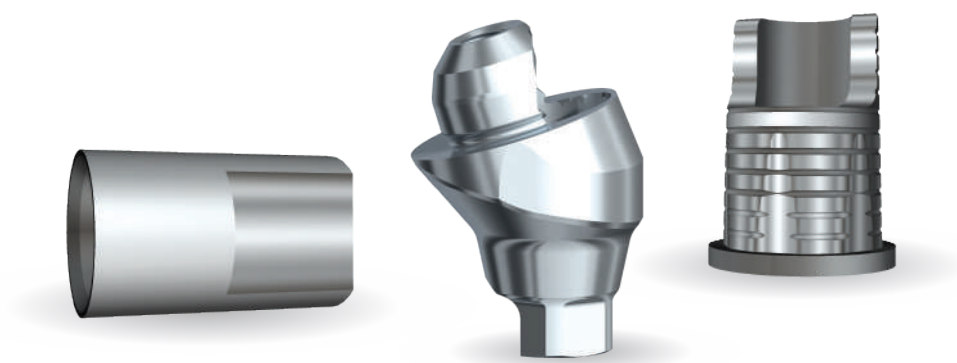
Once screwed to the implants, the Multiple Abutments will not need to be removed for any posterior procedure. This enables definitive healing of soft tissue, avoiding gingival retraction.

SIMPLE PROSTHETICS

The different angulations and heights available allow to align all the implants regardless of their position. This simplifies impression taking and manufacturing of passive structures with a correct adaptation.

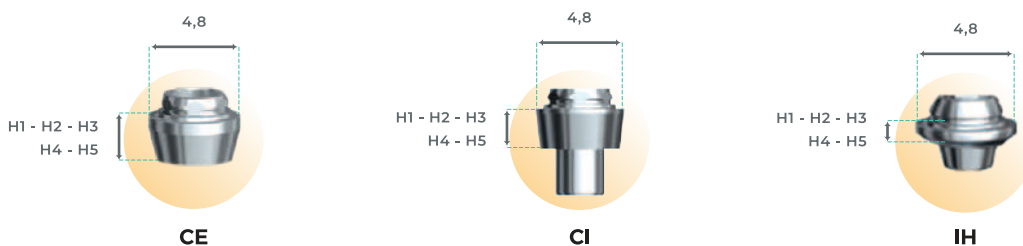
OPTIMAL BIOLOGICAL AND BIOMECHANICAL RESULT

The combination of machined adaptation to the implant, together with the lifting of all procedures above the gingival margin, protect osseointegration and soft tissue. The compensation of the implants angulation and heights assures a well-adapted prosthetic structure that will guarantee function in time.



STRAIGHT MULTIPLE ABUTMENT

Made of titanium · Several shoulder heights · Screw-retained prosthetics · Overdentures · Correct height differences between implants · Fix with Multiple Abutment Driver.

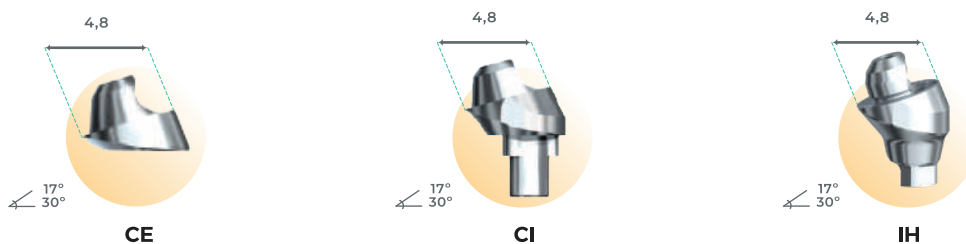


Straight Multiple Abutment References

CE			CI			IH		
	H1	H2		H1	H2		H1	H2
NP 3,5	PM351/1M	PM352/1M	NP 3,5	PM351/2M	PM352/2M		--	--
RP 4,1	PM411/1M	PM412/1M	RP 4,3	PM431/2M	PM432/2M	RP 3,7	PM1/3M	PM2/3M
WP 5,1	--	--	WP 5,0	PM501/2M	PM502/2M		--	--
	H3	H4		H3	H4		H3	H4
NP 3,5	PM353/1M	PM354/1M	NP 3,5	PM353/2M	PM354/2M		--	--
RP 4,1	PM413/1M	PM414/1M	RP 4,3	PM433/2M	PM434/2M	RP 3,7	PM3/3M	PM4/3M
WP 5,1	--	--	WP 5,0	PM503/2M	--		--	--
	H5			H5			H5	
NP 3,5	PM355/1M		NP 3,5	PM355/2M			--	
RP 4,1	PM415/1M		RP 4,3	PM435/2M		RP 3,7	PM5/3M	

ANGLED MULTIPLE ABUTMENT

Made of titanium · 17 or 30 degrees angulation · Multiple unit screw-retained prosthetics · Overdentures – Correct alignment differences between implants · Fix with Multiple Abutment Driver.

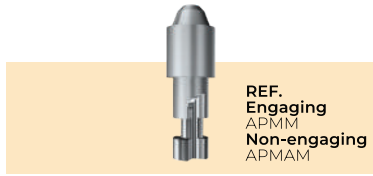


Angled Multiple Abutment References

CE			CI			IH		
	17 °			17 °			17 °	
	H2	H3		H2	H3		H1	H2
NP 3,5	PMA3572EM	PMA3573EM	NP 3,5	PMA3572IM	PMA3573IM		--	--
RP 4,1	PMA4172EM	PMA4173EM	RP 4,3	PMA4372IM	PMA4373IM	RP 3,7	PMA71IH	PMA72IH
	30 °			30 °			30 °	
	H2	H3		H2	H3		H1	H2
NP 3,5	PMA3532EM	PMA3533EM	NP 3,5	PMA3532IM	PMA3533IM		--	--
RP 4,1	PMA4132EM	PMA4133EM	RP 4,3	PMA4332IM	PMA4333IM	RP 3,7	PMA31IH	PMA32IH

COMPONENTS FOR MULTIPLE ABUTMENT

ANALOG FOR MULTIPLE ABUTMENT



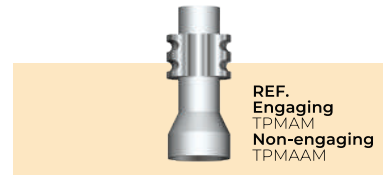
Made of titanium.

PROTECTION CAP FOR MULTIPLE ABUTMENT



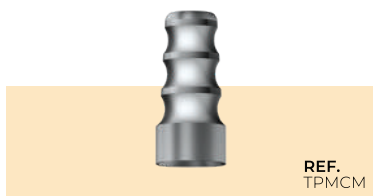
Made of delrin. 0.050 hexed screw.

OPEN TRAY TRANSFER FOR MULTIPLE ABUTMENT



Made of titanium. Use for abutment level open tray impressions of Multiple Abutments previously torqued to the implants. Fix with 0.050 manual screwdriver.

CLOSED TRAY TRANSFER FOR MULTIPLE ABUTMENT



Made of titanium. Use for abutment level closed tray impressions screwing to the Multiple Abutments previously torqued to the implants. Fix with 0.050 manual screwdriver.

BURN-OUT ABUTMENT WITH METAL BASE FOR MULTIPLE ABUTMENT



Burn-out material with machined chrome base. Design and manufacture customized structures for fixed prosthetics or overdentures without losing adaptation. Reduces screw loosening. Its tapered design at connection level allows for misalignments of up to 40 degrees. Includes micro-screw with 0.050 hex connection. Set at 15 Ncm².

BURN-OUT ABUTMENT FOR MULTIPLE ABUTMENT



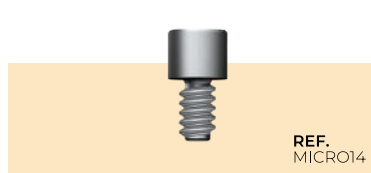
Machined of residue-free fully burn-out material. Design and manufacture customized structures for fixed prosthetics or overdentures. Its tapered design at connection level allows for misalignments of up to 40 degrees. Includes micro-screw 0,050 with hex connection. Set at 15 Ncm².

TITANIUM TEMPORARY ABUTMENT FOR MULTIPLE ABUTMENT



Titanium standard abutment to set on Multiple Abutments. Allows for carving and includes retention grooves for acrylic. Its tapered design at connection level allows for misalignments up to 40 degrees. Use them to manufacture temporary acrylic prosthetics. Includes micro-screw with 0.050 hex connection. Set at 15 Ncm².

MICRO-SCREW FOR MULTIPLE ABUTMENT



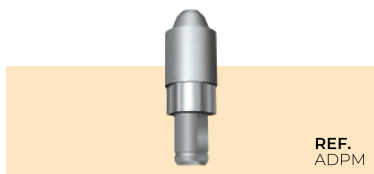
Titanium screw to set structures on Multiple Abutments. Hexed 0.050 connection. Maximum torque 15 Ncm².

MULTIPLE ABUTMENT WRENCH



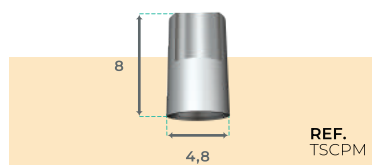
Steel wrench to set multiple abutments to the implants. Use with the torque wrench, setting at 35 Ncm².

DIGITAL ANALOG FOR MULTIPLE ABUTMENT



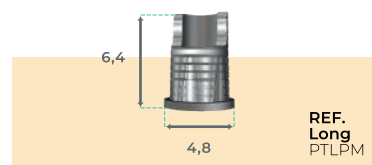
Made of titanium. Enables manufacture of working model with 3D printer.

SCANBODY FOR MULTIPLE ABUTMENT



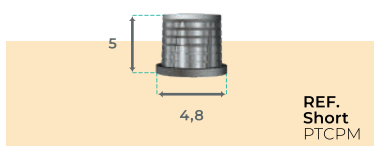
Made of titanium and made opaque through blasting. Enables taking of 3D impressions with digital scanner. Includes 0.050 hex prosthetic screw.

TI-BASE FOR MULTIPLE ABUTMENT LONG

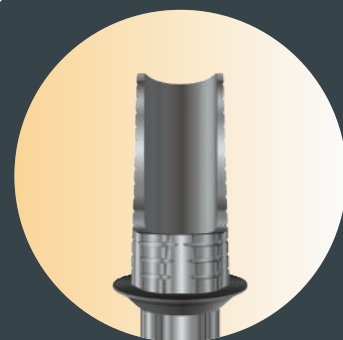


Long titanium interface to manufacture CAD-CAM prosthetics. Includes 0.050 hex prosthetic screw.

TI-BASE FOR MULTIPLE ABUTMENT SHORT



Short titanium interface to manufacture CAD-CAM prosthetics. Includes 0.050 hex prosthetic screw.



Tree•Oss
Sistema de implante dental

CAD/CAM

COMPONENTS FOR CAD/CAM DIGITAL FLOW

Modern dentistry goes forward quickly on **digital prosthetic rehabilitation**. Every day more dental practitioners include digital and virtual processes that add applied technology to their daily practice.

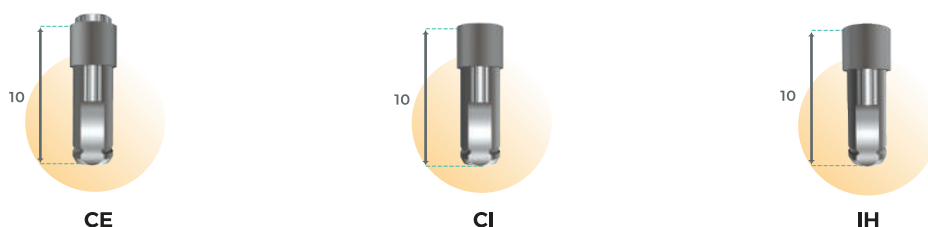
Digital components provide **multiple benefits** when planning and performing prosthetic procedures, thus improving biomechanical and

esthetic results while simplifying clinical procedures and reducing treatment times.

Use the **Tree-Oss® CAD-CAM** product line in your digital flow by downloading **our 3D file library**.

DIGITAL ANALOG

Digital analogs are designed for use on models manufactured with 3D printer and made of titanium.

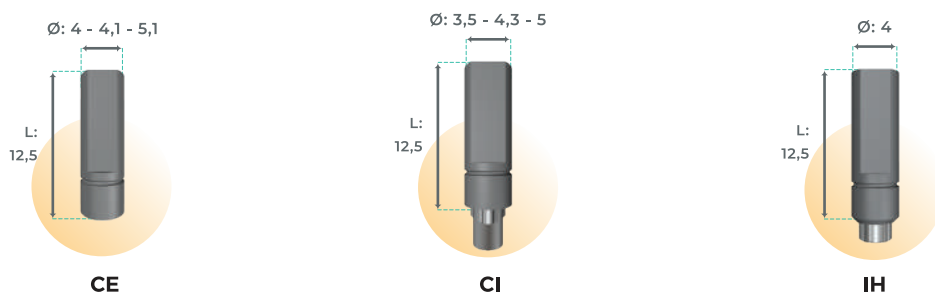


Digital Analog References

CE		CI		IH	
NP 3,5	ADI35/1M	NP 3,5	ADI35/2M		--
RP 4,1	ADI41/1M	RP 4,3	ADI43/2M	RP 3,7	ADI/3M
WP 5,1	ADI51/1M	WP 5,0	ADI50/2M		--

SCANBODY

The Scanbody was designed for use on digital printers due to their radiopaque titanium body.



Scanbody References

CE		CI		IH	
NP 3,5	TSC35/1M	NP 3,5	TSC35/2M		--
RP 4,1	TSC41/1M	RP 4,3	TSC43/2M	RP 3,7	TSCPM
WP 5,1	TSC51/1M	WP 5,0	TSC50/2M		--

T- BASE

Titanium base used to manufacture customized zirconia abutments through CAD/CAM. Includes prosthetic screw · Enables rehabilitation of single or multiple units.

Engaging

Short



CE



CI

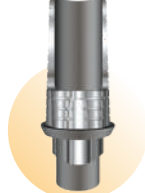


IH

Long



CE



CI



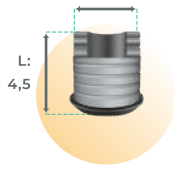
IH

CE			CI			IH		
	Engaging			Engaging			Engaging	
	Short	Long		Short	Long		Short	Long
NP 3,5	PTC1/3M	PTL1/3M	NP 3,5	PTC351/2M	PTL351/2M	RP 3,7	--	--
RP 4,1	PTC411/1M	PTL411/1M	RP 4,3	PTC431/2M	PTL431/2M		PTCPM	PTLPM
WP 5,1	PTC511/1M	PTL511/1M	WP 5,0	PTC501/2M	PTL501/2M		--	--

Non-engaging

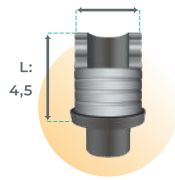
Short

Ø: 4 - 4,4 - 5,4



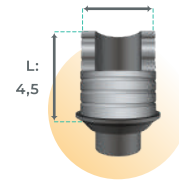
CE

Ø: 3,8 - 4 - 4,3



CI

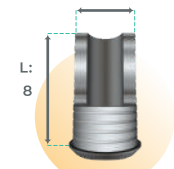
Ø: 4



IH

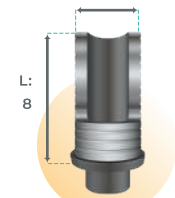
Long

Ø: 4 - 4,4 - 5,4

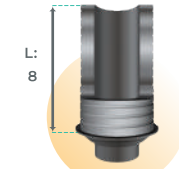


CE

Ø: 3,8 - 4



CI



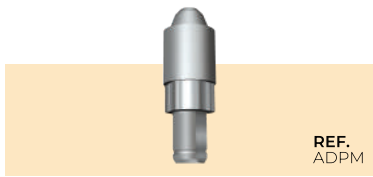
IH

T-Base References

CE			CI			IH		
	Non-engaging			Non-engaging			Non-engaging	
	Short	Long		Short	Long		Short	Long
NP 3,5	PTCR351/1M	PTLR351/1M	NP 3,5	PTCR351/2M	PTLR351/2M	RP 3,7	--	--
RP 4,1	PTCR411/1M	PTLR411/1M	RP 4,3	PTCR431/2M	PTLR431/2M		PTCR1/3M	PTLR1/3M
WP 5,1	PTCR511/1M	PTLR511/1M	WP 5,0	PTCR501/2M	PTLR501/2M		--	--

COMPONENTS FOR CAD/CAM DIGITAL FLOW

DIGITAL ANALOG FOR MULTIPLE ABUTMENT



REF.
ADPM

Made of titanium. Enables manufacture of working model with 3D printer.

SCANBODY FOR MULTIPLE ABUTMENT



REF.
TSCPM

Made of titanium and made opaque through blasting. Enables taking of 3D impressions with digital scanner. Includes 0.050 hex prosthetic screw.

T-BASE FOR MULTIPLE ABUTMENT LONG



REF.
Long
PTLPM

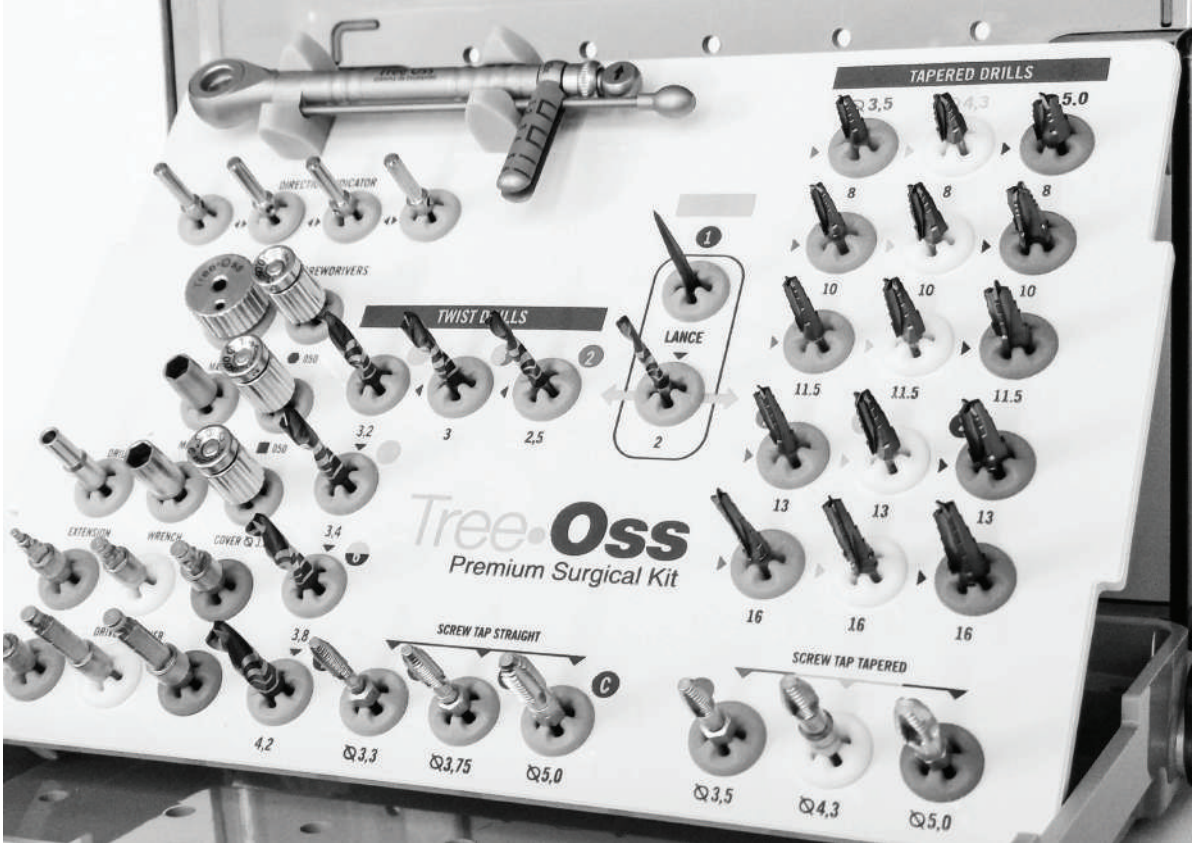
Long titanium interface to manufacture CAD-CAM prosthetics. Includes 0.050 hex prosthetic screw.

T-BASE FOR MULTIPLE ABUTMENT SHORT



REF.
Short
PTCPM

Short titanium interface to manufacture CAD-CAM prosthetics. Includes 0.050 hex prosthetic screw.



Tree-Oss
Dental Implant System

INSTRUMENTS

Tree-Oss PREMIUM SURGICAL KIT PLUS



PREMIUM SURGICAL KIT PLUS

2 kits in 1 (Anatomic and Straight). 4 implant designs with just one surgical system.

The **Premium Surgical Kit Plus** is a unique surgical system that enables placement of all the **Tree-Oss®** implant designs, **Anatomic and Straight**, with one compact and ergonomic kit.

On the upper area of the kit, you will find all the placement components. Includes torque wrench to assure a correct initial anchorage. On the right side you will find the anatomic drills for placement of **Tree-Oss® Anatomic** implants and on the left side the straight drills for **Tree-Oss® Rapid**, **Tree-Oss® Simple** and **Tree-Oss® HS** implants placement.

Find **all the instruments necessary** to perform any implant surgery in a **compact and ergonomic design**.

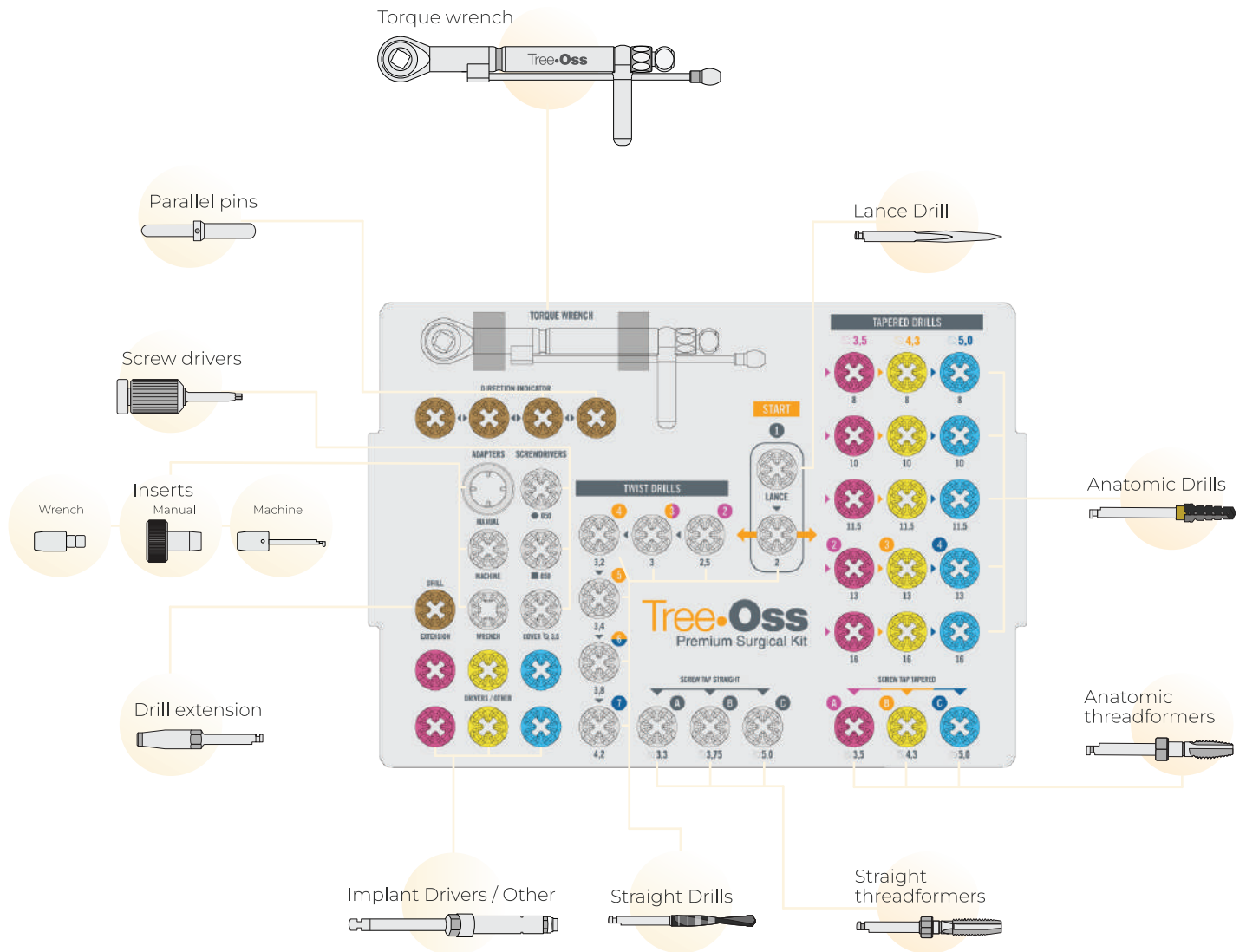
The box is made of **plastic materials approved for medical use**, autoclavable, with a very modern design, light and very resistant.



All the drills included are **DLC carbon coated**, widely proven, and maintain **excellent sharpness** even after hundreds of uses.

With the Tree-Oss® Surgical Premium Kit Plus get 4 solutions in one kit!

COMPONENTS OF THE TREE·OSS® SURGICAL PREMIUM KIT



The **Tree-Oss® Premium Kit** includes all the instruments and drills necessary to place any **Tree-Oss®** implant in all the diameters and lengths available for mechanic, wrench or manual setting.

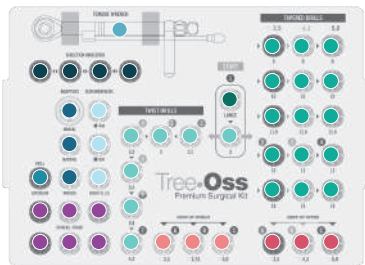
Includes a **torque control wrench** to assure initial anchorage during surgery, but that also allows for prosthetic attachments setting.

With its **ergonomic design** and easy to follow indications, you will understand the simplicity of the surgical protocol, thus allowing you to focus on the surgical act.

See the **configurations available** on the following page:

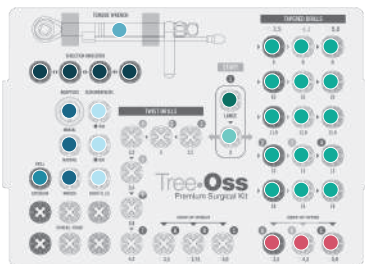
The Tree Oss® Premium Surgical Kit Plus is available in several configurations:

TREE·OSS® PREMIUM SURGICAL KIT PLUS FULL



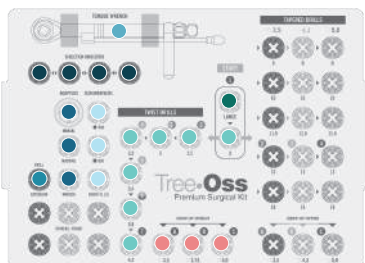
- **DIAMOND Lance Drill**
 - **Anatomic DIAMOND drills**
 Ø3,5 x 8 - 10 - 11,5 - 13 - 16
 Ø4,3 x 8 - 10 - 11,5 - 13 - 16
 Ø5,0 x 8 - 10 - 11,5 - 13 - 16
 - **Straight DIAMOND drills**
 Ø2 - Ø2,5 - Ø3 - Ø3,2 - Ø3,4 - Ø3,8 - Ø4,2
 - **Anatomic threadformers**
 Ø3,5 - Ø4,3 - Ø5,0
 - **Straight threadformers**
 Ø3,3 - Ø3,75 - Ø5,0
 - **Parallel pins (4)**
 - **Inserts**
 manual / machine / wrench
 - **Drill extension**
 - **Torque wrench**
 - **Screwdrivers**
 0,035 / 0,050 / Square
 - **Implant Drivers**
 Short 3,5 - 4,3 - 5
 Long 3,5 - 4,3 - 5
- SURGICAL PREMIUM KIT PLUS BOX**

TREE·OSS® PREMIUM SURGICAL KIT PLUS ANATÓMIC



- **DIAMOND Lance Drill**
 - **Anatomic DIAMOND drills**
 Ø3,5 x 8 - 10 - 11,5 - 13 - 16
 Ø4,3 x 8 - 10 - 11,5 - 13 - 16
 Ø5,0 x 8 - 10 - 11,5 - 13 - 16
 - **Straight DIAMOND drill Ø2**
 - **Anatomic threadformers**
 Ø3,5 - Ø4,3 - Ø5,0
 - **Parallel pins (4)**
 - **Inserts**
 manual / machine / wrench
 - **Drill extension**
 - **Torque wrench**
 - **Screwdrivers**
 0,035 / 0,050 / Square
- SURGICAL PREMIUM KIT PLUS BOX**

TREE·OSS® PREMIUM SURGICAL KIT PLUS STRAIGHT



- **DIAMOND Lance Drill**
 - **Straight DIAMOND drills**
 Ø2 - Ø2,5 - Ø3 - Ø3,2 - Ø3,4 - Ø3,8 - Ø4,2
 - **Straight threadformers**
 Ø3,5 - Ø3,75 - Ø5,0
 - **Parallel pins (4)**
 - **Inserts**
 manual / machine / wrench
 - **Drill extension**
 - **Torque wrench**
 - **Screwdrivers**
 0,035 / 0,050 / Square
- SURGICAL PREMIUM KIT PLUS BOX**

Tree-Oss SURGICAL ELEMENTAL KIT



SURGICAL ELEMENTAL KIT FULL

Enables **straight and anatomic** implants placement.

Its modern and compact design, as well as the materials of which it is manufactured, make it **the best choice** for the practitioner that wants to always have what is elementary at hand.

The **Tree-Oss® Elemental Kit Full** is a unique surgical system that **enables to place the Tree-Oss® Straight and Anatomic implants with only one compact and ergonomic kit.**

On the upper area of the kit, you will find the most used placement instruments. Includes one torque wrench to assure a correct initial anchorage. On the right side you will find the most used anatomic drills for placement of the **Tree-Oss® Anatomic** implants. On the left side, the straight drills for placement of the **Tree-Oss® Rapid, Tree-Oss® Simple and Tree-Oss® HS** implants.

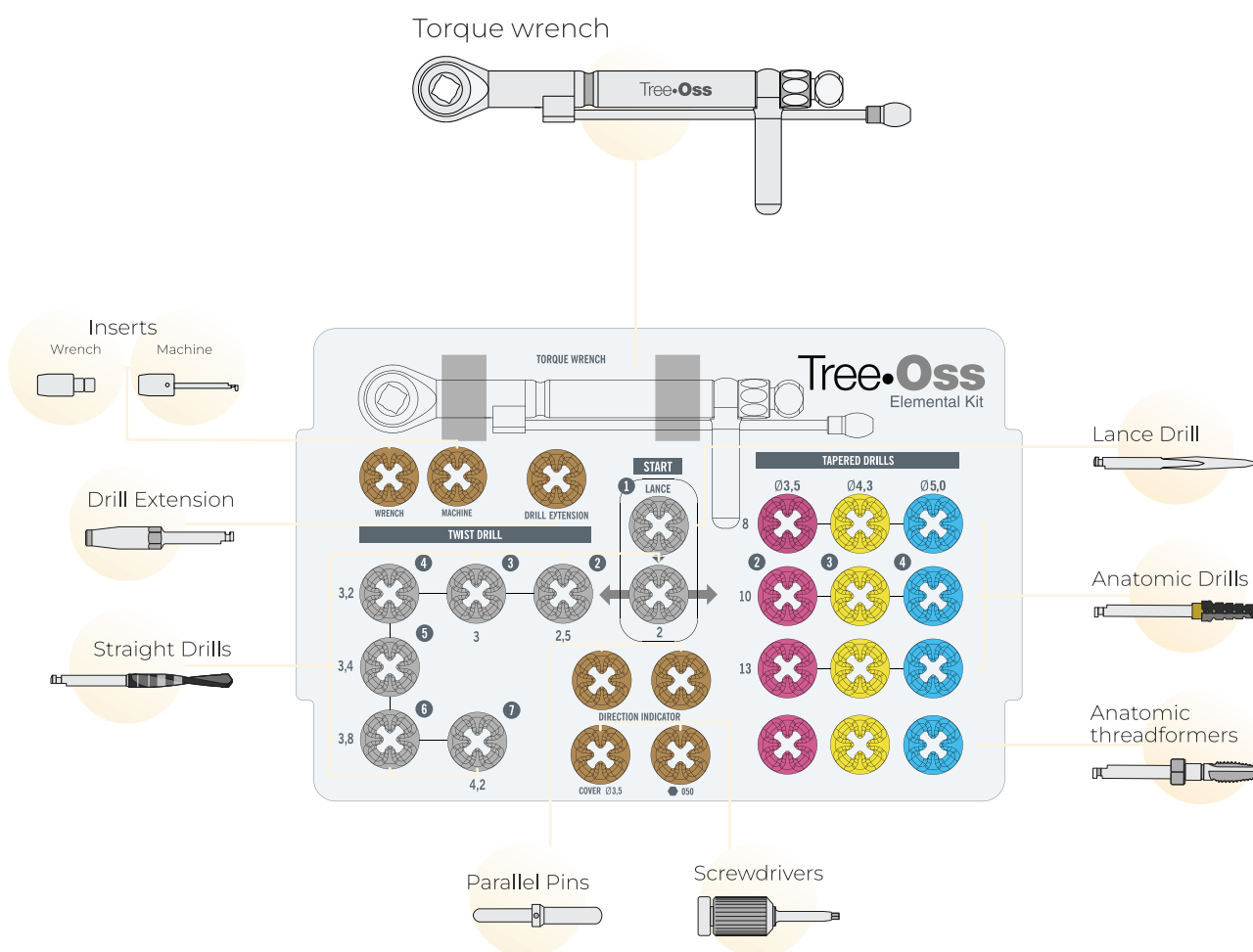


On a **compact and ergonomic** design, find all the instruments necessary to perform any implant surgery.

The box is made of plastic materials approved for medical use, autoclavable and with a modern, light and very resistant design.

All **the drills** included are **DLC carbon coated**, widely proven to maintain **excellent cutting edge** even after hundreds of uses.

COMPONENTS OF THE TREE·OSS® SURGICAL ELEMENTAL KIT



The **Tree·Oss® Surgical Elemental Kit** includes all the instruments and drills that are indispensable for placement of any **Tree·Oss®** implant in every diameter and length available.

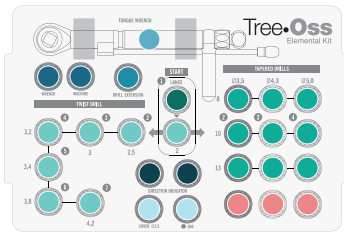
Additionally, it includes a **torque control wrench**, to assure initial anchorage during surgery, but it also enables setting of the prosthetic attachments.

With a **small, ergonomic design** and easy to follow indications, you will easily understand the surgical protocol, which will allow you to focus on the surgical act.

See the **configurations available** on the following page:

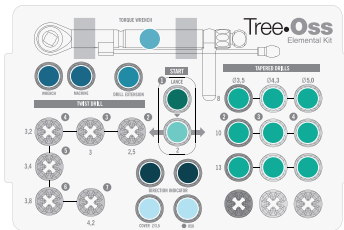
The Tree Oss® Surgical Elemental Kit is available in several configurations:

TREE·OSS® SURGICAL ELEMENTAL KIT FULL



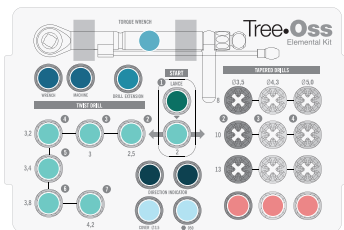
- **DIAMOND Lance Drill**
 - **Anatomic DIAMOND drills**
 - Ø3,5 x 8 - 10 - 11,5* - 13
 - Ø4,3 x 8 - 10 - 11,5* - 13
 - Ø5,0 x 8 - 10 - 11,5* - 13
 - **Straight DIAMOND drills**
 - Ø2 - Ø2,5 - Ø3 - Ø3,2 - Ø3,4 - Ø3,8 - Ø4,2
 - ***Op. Straight threadformers**
 - Ø3,5 - Ø3,75 - Ø5,0
 - **Parallel pins (2)**
 - **Inserts**
 - Machine / wrench
 - **Drill extension**
 - **Torque wrench**
 - **Screwdrivers**
 - 0,035 / 0,050
- SURGICAL ELEMENTAL KIT BOX**

TREE·OSS® SURGICAL ELEMENTAL KIT ANATOMIC



- **DIAMOND Lance Drill**
 - **Anatomic DIAMOND drills**
 - Ø3,5 x 8 - 10 - 11,5* - 13
 - Ø4,3 x 8 - 10 - 11,5* - 13
 - Ø5,0 x 8 - 10 - 11,5* - 13
 - **Straight DIAMOND drill Ø2**
 - **Parallel pins (2)**
 - **Inserts**
 - Machine / wrench
 - **Drill extension**
 - **Torque wrench**
 - **Screwdrivers**
 - 0,035 / 0,05
- SURGICAL ELEMENTAL KIT BOX**

TREE·OSS® SURGICAL ELEMENTAL KIT STRAIGHT



- **DIAMOND Lance Drill**
 - **Straight DIAMOND drills**
 - Ø2 - Ø2,5 - Ø3 - Ø3,2 - Ø3,4 - Ø3,8 - Ø4,2
 - ***Op. Straight threadformers**
 - Ø3,5 - Ø3,75 - Ø5,0
 - **Parallel pins (2)**
 - **Inserts**
 - Machine / wrench
 - **Drill extension**
 - **Torque wrench**
 - **Screwdrivers**
 - 0,035 / 0,050
- SURGICAL ELEMENTAL KIT BOX**

Tree•Oss PROSTHETIC KIT



PROSTHETIC KIT

Includes all the elements necessary for the rehabilitation of **Tree•Oss® implants** using any prosthetic technique.

Designed with an attractive box, **made of plastic materials approved for medical use, autoclavable and with a modern, light and very resistant design.**

Includes screwdrivers for different connections and lengths to adapt to **any prosthetic procedure.**

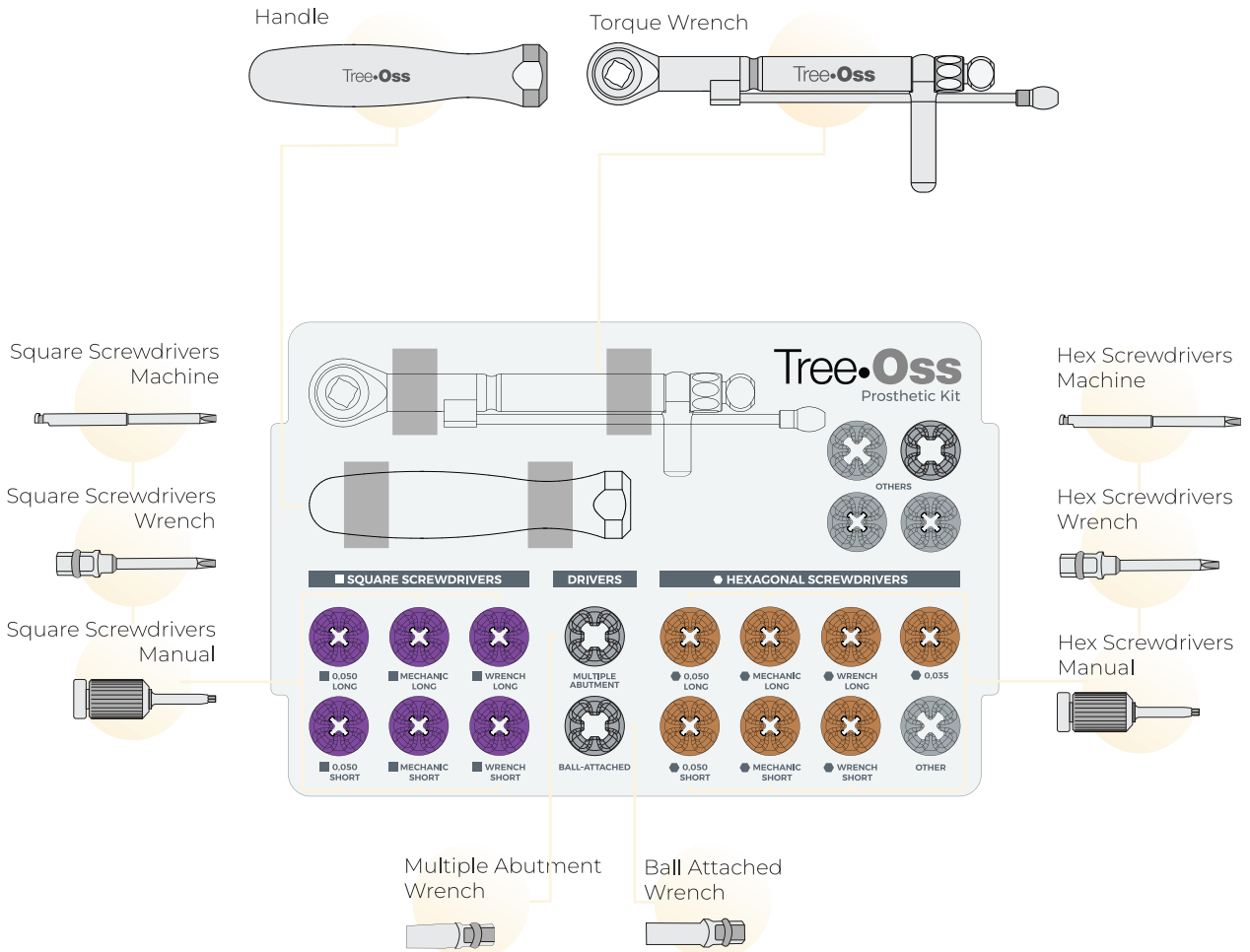


Use the handle to carve any abutment with a digital analog as support.

With the **Tree•Oss® Prosthetic Kit** you will have everything necessary for your restorations at hand.

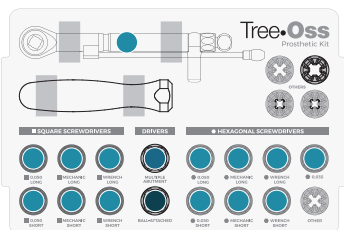


COMPONENTS OF THE TREE·OSS® PROSTHETIC KIT



The Tree Oss® Prosthetic kit is available in the following configuration:

TREE·OSS® PROSTHETIC KIT FULL



- Ball-Attached wrench
 - Multiple abutment wrench
 - Torque wrench
 - Screwdrivers
0,035 / 0,050 / Square
- SURGICAL PROSTHETIC KIT BOX**

Tree-Oss GUIDED KIT



GUIDED KIT

The **Tree-Oss® Guided Kit** for guided surgery offers an innovative design, thus simplifying the technique at its maximum.

Its **exclusive carbon coated tapered drills** will allow you to place a great quantity of implants in a simple and quick manner. No need of buffer stops or additional templates that delay or make the technique more complicated. As easy as placing the guide, drill and leave the implant in the desired tri-dimensional position.

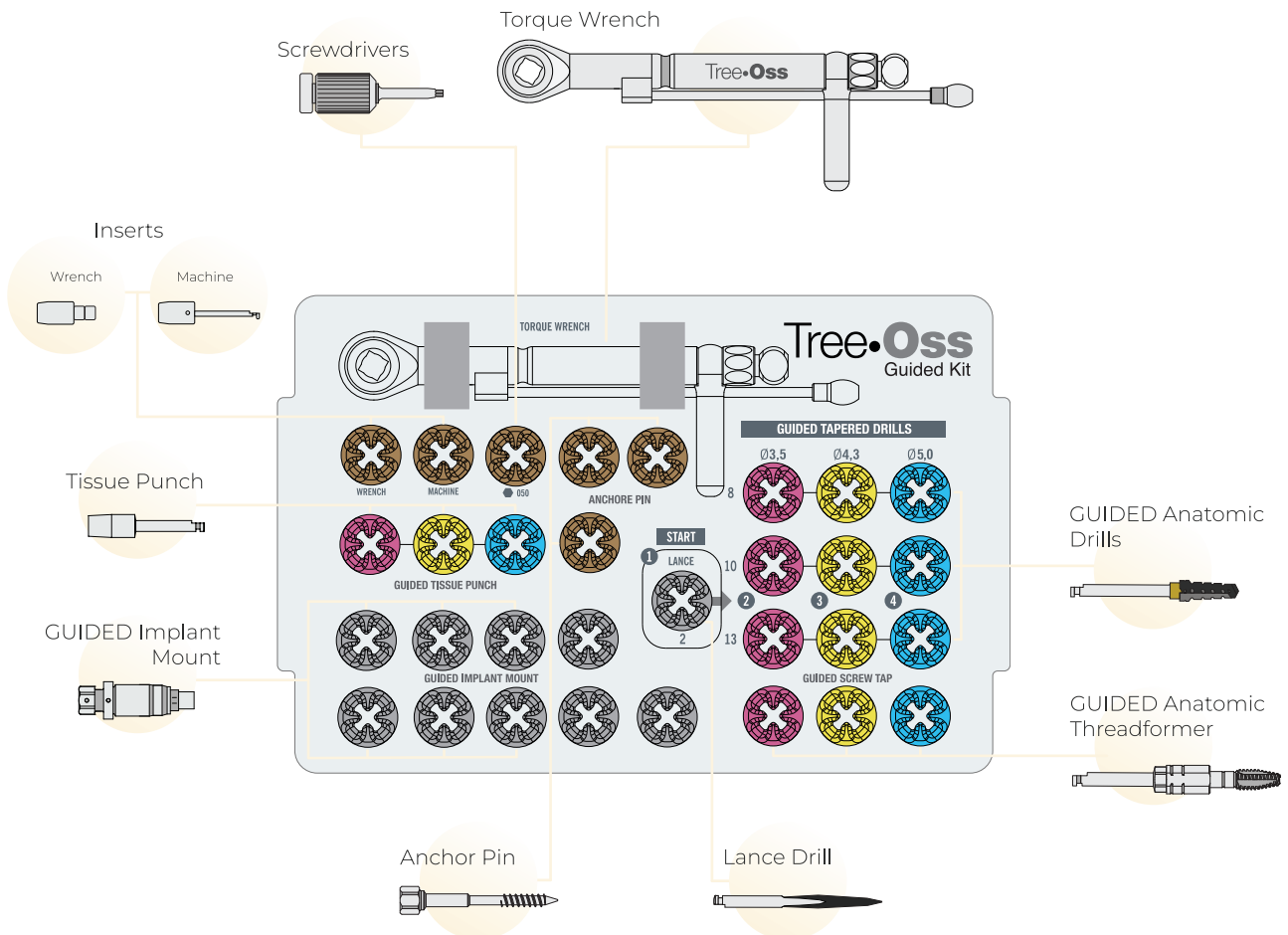
Its **innovative anchor pins, included in the kit, have a self-drilling thread, thus assuring the stability of the guide and speeding-up the procedures.**



Inserts and mounts are calibrated so that they will assure the final position of the implant with outstanding precision. Available for **ANATOMIC** and **HS** implants designs.

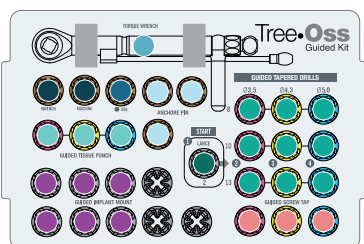
Enjoy surgeries moving to a new level of comfort with **Tree-Oss® Guided Kit.**





The Tree·Oss® Guided Kit is available in the following configurations:

TREE·OSS® GUIDED KIT



- Torque wrench
- GUIDED Insert
Wrench – Machine
- Anchor Pin
- GUIDED Tissue Punch
- GUIDED Lance/Start Drill
- GUIDED Anatomic Drills
Ø3,5 x 8 - 10/11,5 - 13
Ø4,3 x 8 - 10/11,5 - 13
Ø5,0 x 8 - 10/11,5 - 13
- GUIDED Anatomic Threadformers
Ø3,5 - Ø4,3 - Ø5,0
- GUIDED Implant Mount
CE: Ø3,5 - Ø4,1 - Ø5,1
CI: Ø3,5 - Ø4,3 - Ø5,0
IH
- Manual Hex Screwdriver 0,050
GUIDED SURGICAL BOX



PID KIT

The **Tree-Oss® PID** kit is a dental prosthetic surgical procedure, which allows assuring the correct orientation of the implant inside the oral cavity through the manufacture of a surgical guide.

Its main goal is to achieve the right prosthetic insertion axis and the parallelism of one or multiple implants.

Present implant dentistry is made up of two phases of one system (digital era / analogic era).

It is our understanding that both are complementary and part of one process

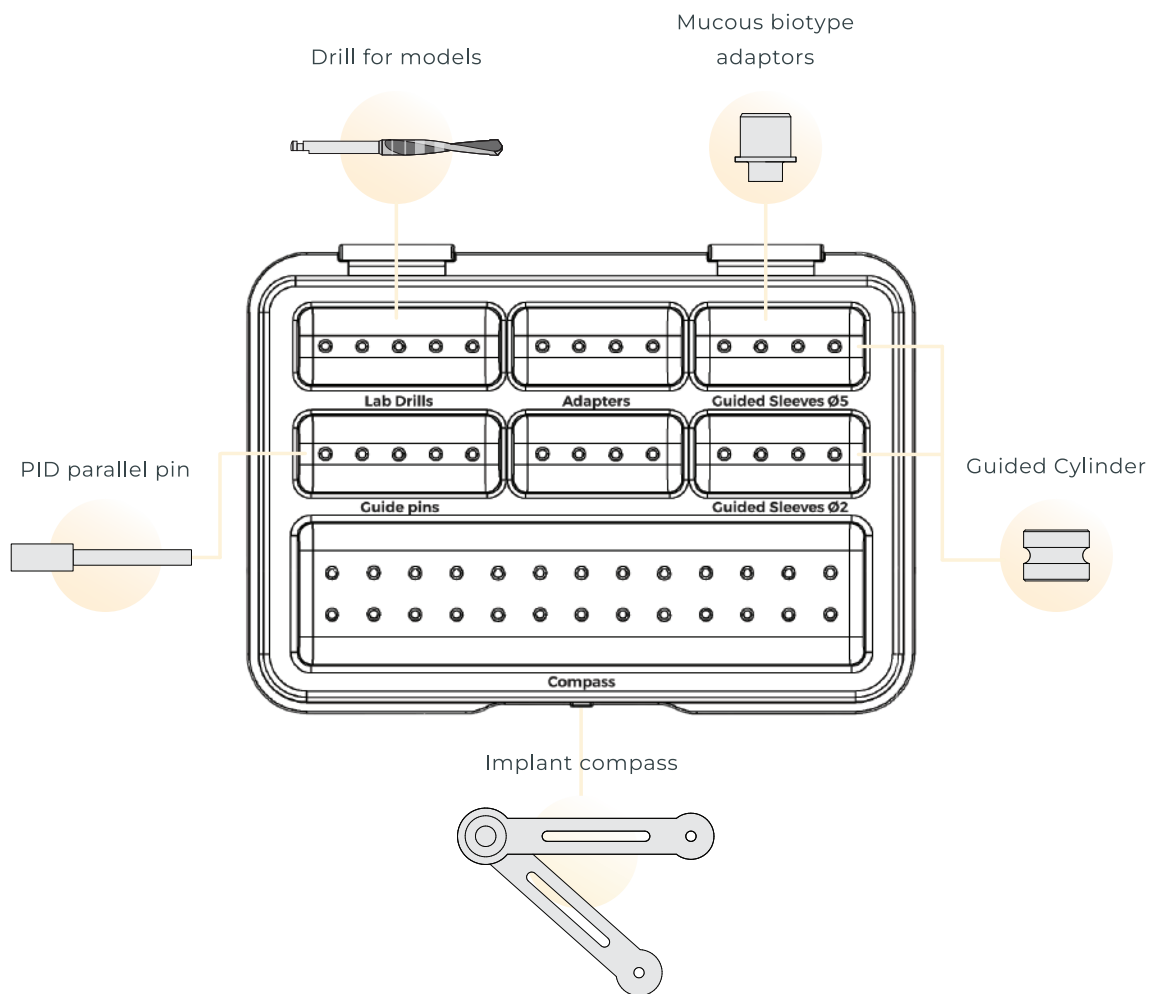


interacting among each other all the time.

The **Tree-Oss® PID** kit is the link that between these complementary phases and balances them.

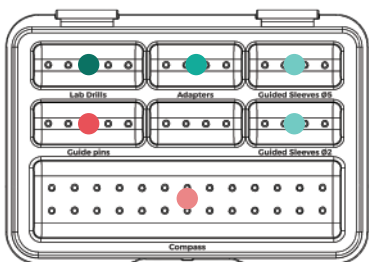


TREE·OSS® PID KIT COMPONENTS



The Tree·Oss® PID KIT is available in the following configurations:

TREE·OSS® PID KIT



- **Drill for models**
 - Ø 2 mm (1) (PC20M)
 - Ø 3,7 mm (1) (PC30M)
- **Mucous biotype adaptors**
 - H2 (2) (PIG2M)
 - H3 (2) (PIG3M)
 - H4 (2) (PIG4M)
- **Guided cylinders**
 - Ø 5 mm (4) (GC5M)
 - Ø 2 mm (4) (PAG20M)
- **PID Parallel pins (4) (PPARM)**
- **PID Implant Compass (PCM)**
- **PID Box (BOXPIDM)**

INSTRUMENTS AND ACCESSORIES

LASER DIAMOND DRILLS

All the **Tree-Oss® drills** are made of a **unique alloy of stainless steel with an innovative hardening treatment and coated with carbon.**

Such manufacturing processes guarantee **an excellent cutting edge**, thus reducing heat generation at bone level considerably, and achieving high resistance to use.

Its unique **DLC treatment (“diamond-like-carbon”)** is a coating that provides incomparable properties: **low friction, great hardness and high resistance to corrosion.**

Whenever protection against wear and optimal sliding are necessary, **carbon based DLC is the perfect solution.**

DIAMOND LANCE DRILL

DIAMOND LANCE DRILL



Ref.
FLD

GUIDED LANCE DRILL



Ref.
FGLM

The **Tree-Oss® Lance Drill** was specially designed to start the osteotomy. Its sharp tip enables a safe opening, piercing the bone cortex without false movements. Laser markings will allow you to drill up to the length of the implant of choice.

DIAMOND STRAIGHT DRILL

DIAMOND STRAIGHT DRILL



Ref.	
Ø2	FDR2
Ø2,5	FDR25
Ø3	FDR30
Ø3,2	FDR32
Ø3,4	FDR34
Ø3,8	FDR38
Ø4,2	FDR42

The **Tree-Oss® straight drills** have a threaded design with sharp tip that provides great penetration ability in very bone type.

On this design, the cutting edge is concentrated only on the tip, making it easier to maintain the insertion axis throughout the different surgical steps. Widen the implant site with small diameter increases, assuring a delicate treatment on the remaining bone. Laser markings will allow you to drill up to the length of the chosen implant.

ANATOMIC DIAMOND DRILL

ANATOMIC DIAMOND DRILL



Ref.	
Ø3,5 x 8	FDA3508
Ø3,5 x 10	FDA3510
Ø3,5 x 11,5	FDA35115
Ø3,5 x 13	FDA3513
Ø3,5 x 16	FDA3516
Ø4,3 x 8	FDA4308
Ø4,3 x 10	FDA4310
Ø4,3 x 11,5	FDA43115
Ø4,3 x 13	FDA4313
Ø4,3 x 16	FDA4316
Ø5,0 x 8	FDA5008
Ø5,0 x 10	FDA5010
Ø5,0 x 11,5	FDA50115
Ø5,0 x 13	FDA5013
Ø5,0 x 16	FDA5016

ANATOMIC GUIDED DRILL



Ref.	
Ø3,5 x 8	FGA3508M
Ø3,5 x 10	FGA3510M
Ø3,5 x 13	FGA3513M
Ø4,3 x 8	FGA4308M
Ø4,3 x 10	FGA4310M
Ø4,3 x 13	FGA4313M
Ø5,0 x 8	FGA5008M
Ø5,0 x 10	FGA5010M
Ø5,0 x 13	FGA5013M

The **Tree-Oss® anatomic drills** are the evolution of the surgical procedure. With their exclusive design with 4 threaded cutting edges, you will feel a unique action on the bone. The cutting threads throughout the drill length produce a balanced friction on all the surface, minimizing wear and heat generation, while assuring a delicate, even and controlled osteotomy. Their deep cutting chambers are ideal to collect autologous bone, so valuable for future grafts. Their color coding will enable easy visualizing of the diameter.

THREADFORMER

ANATOMIC THREADFORMER



Ref.	
Ø3,3	FRA35
Ø3,75	FRA43
Ø5	FRA50

GUIDED ANATOMIC THREADFORMER



Ref.	
Ø3,5	FRGA35M
Ø4,3	FRGA43M
Ø5,0	FRGA50M

STRAIGHT THREADFORMER



Ref.	
Ø3,3	FRR33
Ø3,75	FRR43
Ø5	FRR50

The **Tree-Oss® threadformers** are ideal to avoid excess torque during implant placement in hard bone sites (Type 1 and 2).

Made of tempered surgical steel, they feature the right hardness and cutting edge to form the thread and make implant insertion in the bone softer.

Use them with surgical micro-motor at less than 50 Ncm, or with the torque wrench and wrench insert included in every **Tree-Oss® kit**.

Box Features

Developed with the latest Italian technology on plastic and silicone, the **Tree-Oss® boxes** are ergonomic, light, friendly and silent.

Their compact design takes **maximum advantage of space**, allowing to have all the instruments at hand in a reduced space.

The **surgical kit is made of plastic materials, highly resistant to hits, and are apt for sterilization in autoclave.** The plastic raw material can bear over 1000 steam sterilization cycles.

TECHNICAL SPECIFICATIONS

- ▶ Adequate for sterilization in autoclave cycle at B134°C (134° C / 2.15 Bar / 18 min).
- ▶ The tray has two open positions.
- ▶ Dismountable in three pieces.
- ▶ Long lasting silicon holders.
- ▶ When the box is closed, the pieces inside it are automatically blocked.
- ▶ Opening with one hand.



ERGONOMIC – LIGHT – COMPACT – ESTHETIC – LONG LASTING

KIT BOX

Surgical premium kit plus box	8501
Surgical elemental kit box	8502
Prosthetic kit box	9000
Guided Box	BOXGKM
PID Box	PBM

INSTRUMENTS

The **Tree-Oss® surgical instruments** were designed to offer great comfort in the surgical and prosthetic procedures.

Instruments are manufactured of **titanium or tempered surgical steel** that guarantee high hardness and durability.

Every product undergoes **torque and functionality testing**, as well as laboratory trials that assure their correct functioning.

SURGICAL PROBE



Ref.
SON/T

Add a practical surgical probe with millimeter markings in accordance with the standard **Tree-Oss®** implants protocol.

SURGICAL DRIVER



Ref.
SDRVM

Use the surgical driver directly to the implant mount as a placing handle for treatments in the anterior area and get complete control on the final position of your implants.

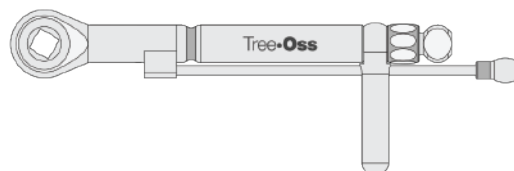
DIGITAL ANALOG DRIVER



Ref.
DRVPRO

Driver for Digital Analog. Prosthetic handle that allows to anchor an abutment to cut or modify it as needed. It is used with digital analogs (sold separately) and is fixed with a wrench, which is included with the driver.

TORQUE WRENCH



Ref.
TORQ/

The **Tree-Oss®** torque wrench enables constant control of the implants insertion torque by means of a calibrated stem. Also adjust screws at the indicated torque. Use the arrow to exchange the adjusting direction. Dismountable for correct hygiene to guarantee functionality in time.

IMPLANT DRIVER



Ref.	
3,5 short CI	ID35C/2
3,5 long CI	ID35L/2
4,3 short CI	ID43C/2
4,3 long CI	ID43L/2
5 short CI	ID50C/2
5 long CI	ID50L/2
IH Wrench	IDL/3M
IH Machine	IDM/3M

The implant drivers enable final adjustment to the implants once the implant mount has been removed.

Available for **CI/IH** connections.

INSERT - MANUAL



Ref.
IMA

Made of tempered surgical steel. Enables digital placement of the implants. Use it on the multi-function implant mount included with all the **Tree-Oss®** implants.

INSERT - WRENCH



Ref.	
short	ILCM
long	ILLM

Made of tempered surgical steel. Enables implant placement using the torque wrench. Use it on the multi-function implant mount included with all the **Tree-Oss®** implants.

INSERT - MACHINE



Ref.
IME

Made of tempered surgical steel. Enables implant placement using micro-motor. Use it on the multi-function implant mount included with all the **Tree-Oss®** implants.

GUIDED WRENCH INSERT



Ref.
ILGM

Allows for adjustment of **Tree-Oss®** implants using the torque wrench through the guide with no need to change the mount. Use them on the multi-function implant mounts included in every package.

GUIDED MACHINE INSERT



Ref.
IMEGM

Allows placement of **Tree-Oss®** implants using a hand piece through the guide without changing the mount. Use them on the multi-function implant mounts included in every package.

PARALLEL PIN



Ref.
PAR

Direction indicator made of titanium. Allows to check the drilling axis to position the implants in the desired location. Use it after the 2mm or 3mm drill turning the parallel pin.

DRILL EXTENSION



Ref.
PRFM

Drill extension made of tempered surgical steel. Enables to extend the drill stem avoiding adjacent teeth interference. Use it with the micro-motor.

MANUAL 0.035 SCREWDRIVER



Ref.
DESTC35M5M

Manual screwdriver with 0.035" hex made of tempered surgical steel. Allows adjustment of NP 3.5 CE implants healing caps. Digital use with mobile wheel.

MANUAL 0.050 SCREWDRIVER



HEXED

Ref.
short DESTC50M
long DESTL50M

Manual screwdriver with 0.050" hex. Made of tempered surgical steel. Allows adjustment of healing caps, implant mounts, prosthetic screws and working attachments. Digital use with mobile wheel.

WRENCH 0.050 SCREWDRIVER



HEXED

Ref.
short DLC50M
long DLL50M

Wrench screwdriver with 0.050" hex. Made of tempered surgical steel. Allows adjustment of healing caps, implant-mounts, prosthetic screws and working attachments. Use with torque wrench.

MACHINE 0.050 SCREWDRIVER



HEXED

Ref.
short DMC50M
long DML50M

Machine 0.050" screwdriver. Made of tempered surgical steel. Allows adjustment of healing caps, implant-mounts, prosthetic screws and working attachments. Use with micro-Motor.

MANUAL SCREWDRIVER



SQUARE

Ref.	
short	DESTC90M
largo	DESTL90M

Manual screwdriver with square connection. Made of tempered surgical steel. Allows adjustment of square prosthetic screws. Digital use with mobile wheel.

WRENCH SCREWDRIVER



SQUARE

Ref.	
short	DLC90M
largo	DLL90M

Wrench screwdriver with square connection. Made of tempered surgical steel. Allows adjustment of square prosthetic screws. Use with torque wrench.

MACHINE SCREWDRIVER



SQUARE

Ref.	
short	DMC90M
long	DML90M

Machine screwdriver with square connection. Made of tempered surgical steel. Allows adjustment of square prosthetic screws. Use with micro-motor.

BALL-ATTACHED WRENCH



Ref.
LBAT

Wrench for Ball-attached adjustment. Made of tempered surgical steel. Use with torque wrench.

MULTIPLE ABUTMENT WRENCH



Ref.
LPM

Wrench for Straight Multiple Abutments adjustment. Made of tempered surgical steel. Use with torque wrench.

TISSUE PUNCH GUIDED



Ref.	
Ø 3,5	PTB37M
Ø 4,3	PTB45M
Ø 5,0	PTB50M

Soft tissue punch to be used through the surgical guide. Select the one corresponding to the implant diameter. Use with handpiece.

ANCHORE PIN



Ref.
ANPNM

Titanium screw for vestibular fixation of the surgical guide. Self-drilling. Place directly to the bone, no need to drill. Use regular **Tree-Oss®** inserts for higher fixation force.

ANCHOR PIN CYLINDER



Ref.
GCAPM

Titanium cylinder to guide the correct placement of the Anchor Pins. Use for the manufacture of surgical guides. Fixation slots for better stability inside the guide.

GUIDED 5MM CYLINDER



Ref.
GC5M

Titanium cylinder to guide the drilling and implant placement. Use them during the manufacture of surgical guides. Allows implantation of every implant diameter. Fixation slots for higher stability inside the guide.

GUIDED IMPLANT MOUNT



Ref.	
Ø 3,5 CE	MIG35/1M
Ø 4,1 CE	MIG41/1M
Ø 5,1 CE	MIG51/1M
Ø 3,5 CI	MIG35/2M
Ø 4,3 CI	MIG43/2M
Ø 5,0 CI	MIG50/2M
IH	MIG/3M

Titanium implant mount to be used when placing **Tree-Oss®** implants through the surgical guide. Provides the right insertion axis and its stop determines the final tri-dimensional position of the implant. Always position an indicator point towards vestibular. Mount screw with 0050 hex connection.

Tree·Oss
Dental Implant System

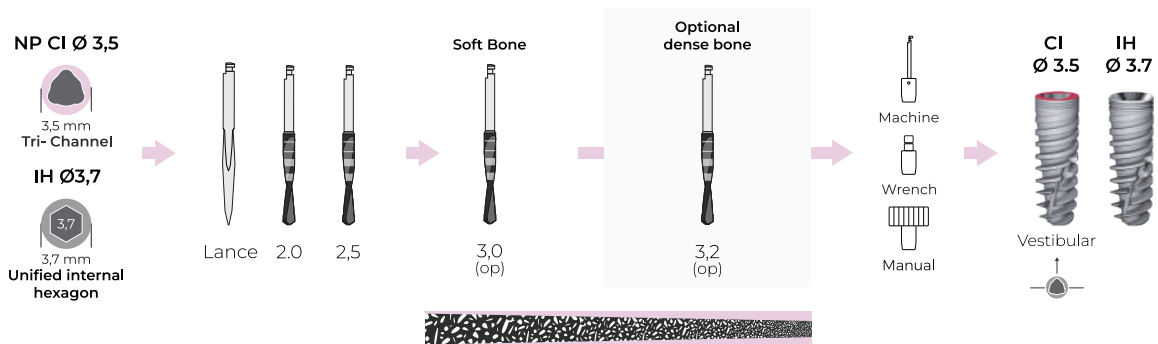
**SURGICAL
PROTOCOLS**

SURGICAL PROTOCOL FOR TREE·OSS® HS IMPLANTS PLACEMENT

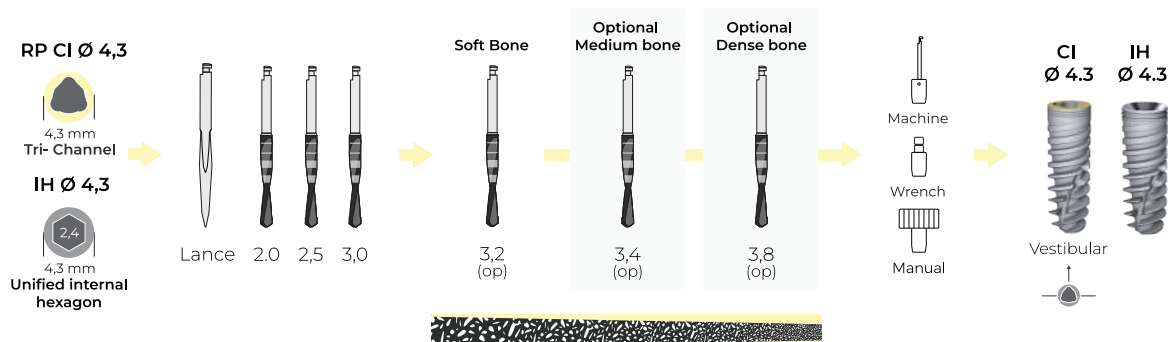
Follow the steps indicated below, paying attention to the variations indicated in accordance with **the bone type**.

The drills indicated as (op) "optional" should be used **only in case** the bone density is **very high** so that the implant will not have an insertion torque over 45 Ncm.

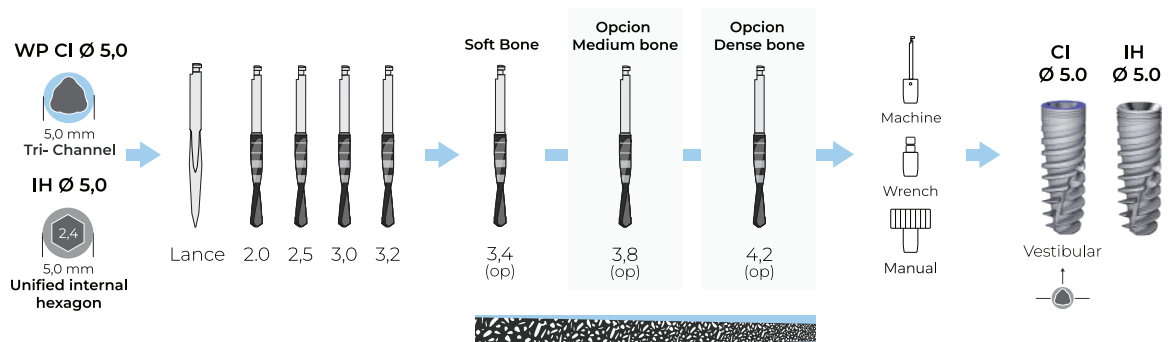
TREE·OSS® HS NARROW DIAMETER



TREE·OSS® HS REGULAR DIAMETER



TREE·OSS® HS WIDE DIAMETER



IMPORTANT: Never exceed 45Ncm during implant placement.

This could damage the implant connections. Additionally, numerous studies indicate that excessive initial torque produces negative effects on early osseointegration.

Always control insertion torque with a micro-motor or the **Tree•Oss®** torque wrench when placing an implant.

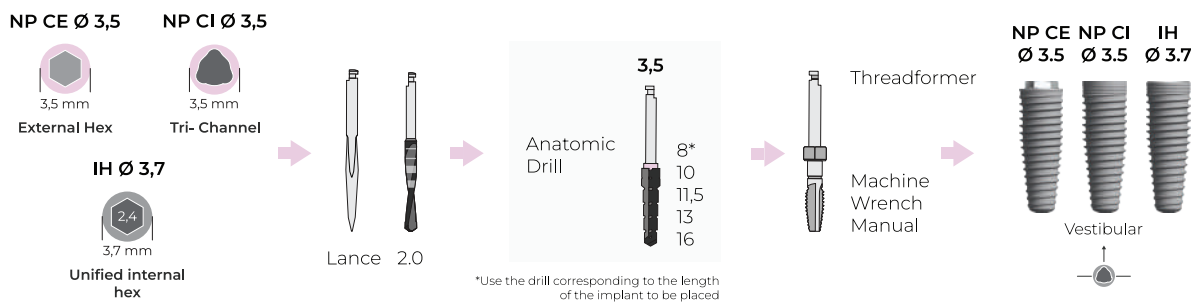
If 45 Ncm are exceeded during placement, it is recommended to retrieve the implant and widen the surgical site with a wider diameter drill.

SURGICAL PROTOCOL FOR TREE·OSS® ANATOMIC

Follow the steps indicated below always **using only** the drill corresponding to the implant length. **Color coding** will help you identify the correct drills.

The use of threadformers is **optional** only in cases where bone density is **very high**, so that the implant will not have an insertion torque over 45 Ncm.

TREE·OSS® ANATOMIC NARROW DIAMETER



TREE·OSS® ANATOMIC REGULAR DIAMETER



TREE·OSS® ANATOMIC WIDE DIAMETER



IMPORTANT: Never exceed 45Ncm during implant placement.

This could damage the implant connection. Additionally, numerous studies indicate that excessive initial torque produces negative effects on early osseointegration.

Always control insertion torque with a micro-motor or the **Tree•Oss®** torque wrench when placing an implant.

In case 45 Ncm are exceeded during placement, it is recommended to remove the implant and widen the cone in the surgical site with a drill of the same diameter but of less length, deepening 1 – 2 mm below the bone crest or of the vertical position desired for the implant.

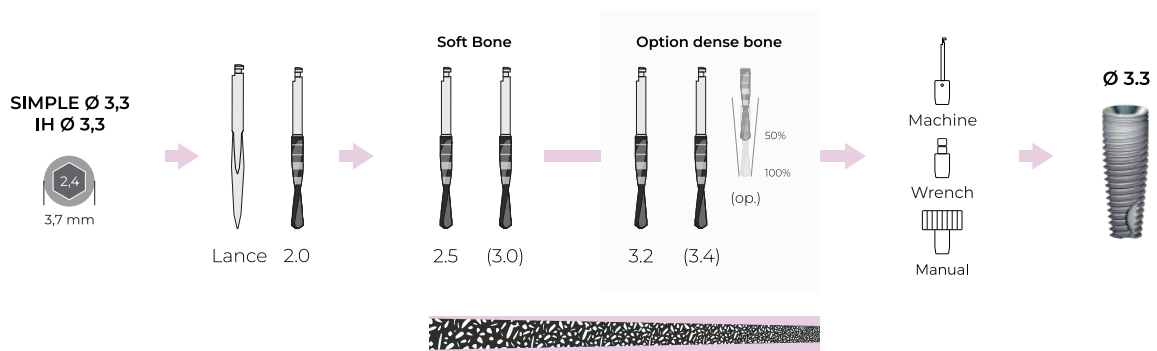
SURGICAL PROTOCOL FOR TREE·OSS® SIMPLE IMPLANTS

Follow the steps indicated below paying attention to the variations indicated in accordance with bone type.

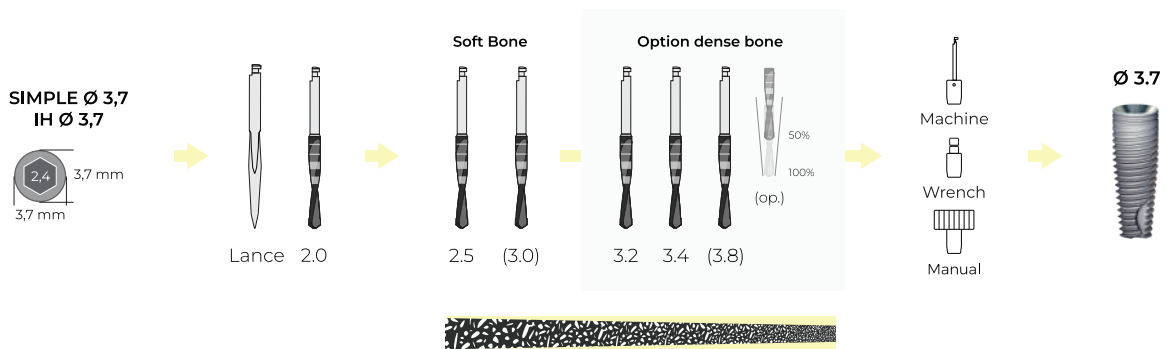
The drills indicated as (op) “optional” should be used only in case **bone density is very high** in order to **avoid exceeding 45 Ncm insertion torque**.

Additionally, such drills may be deepened by 50% in order to relieve the tension of the cone in contact with the cortical bone. (see illustration).

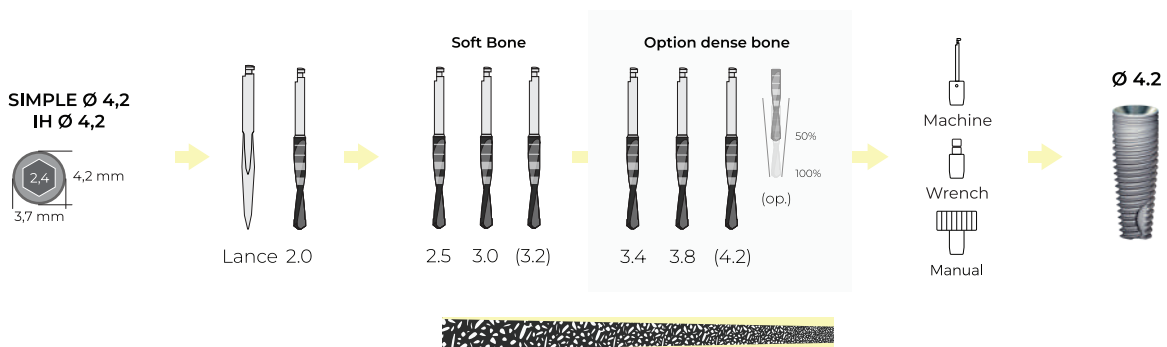
TREE·OSS® SIMPLE NARROW DIAMETER



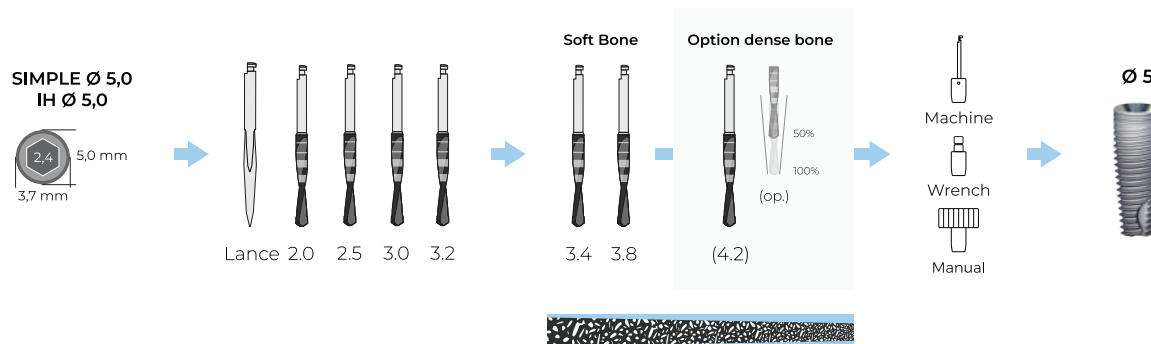
TREE·OSS® SIMPLE REGULAR DIAMETER



TREE·OSS® SIMPLE REGULAR DIAMETER



TREE·OSS® SIMPLE WIDE DIAMETER



IMPORTANT: Never exceed 45Ncm during implant placement.

This could damage the implant connection. Additionally, numerous studies indicate that excessive initial torque produces negative effects on early osseointegration.

Always control insertion torque with a micro-motor or the **Tree-Oss®** torque wrench when placing an implant.

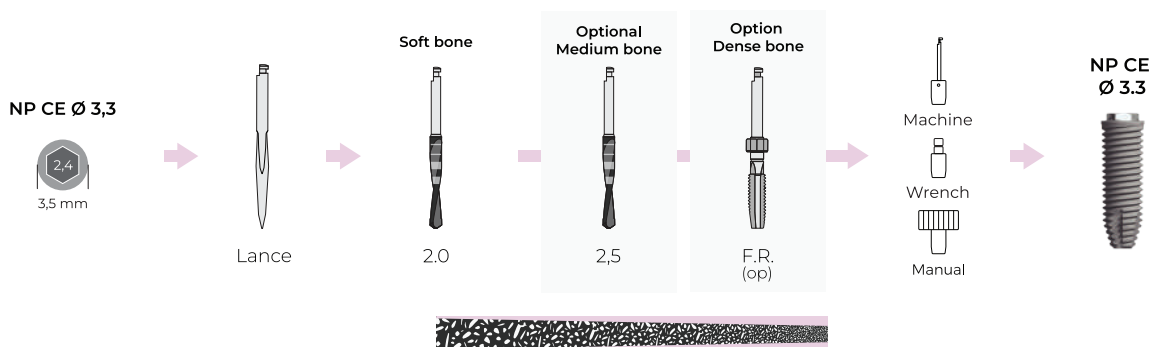
In case 45 Ncm are exceeded during placement, it is recommended to remove the implant and widen the surgical site with larger diameter drill, deepening 50 or 100% according to clinical evaluation.

SURGICAL PROTOCOL FOR TREE·OSS® RAPID IMPLANTS PLACEMENT

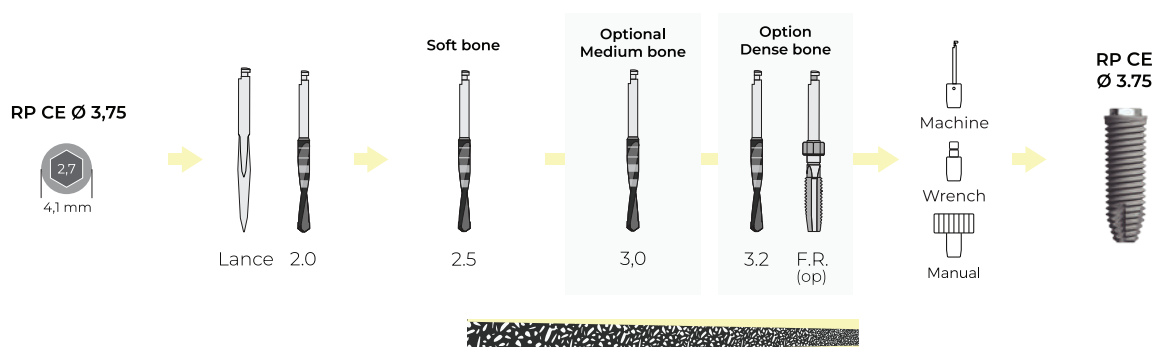
Follow the steps indicated below paying attention to the variations indicated in accordance with bone type.

The drills indicated as (op) **“optional”** and threadformers should be used only if the bone density is **very high**, in order to avoid exceeding 45 Ncm torque.

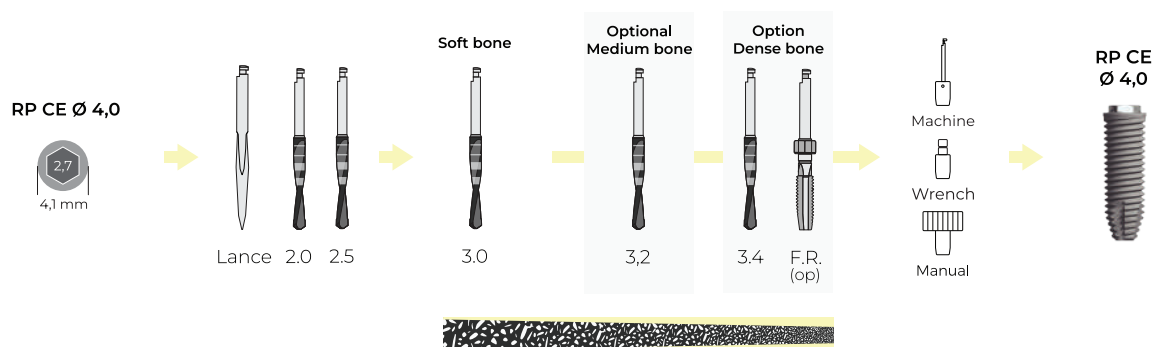
TREE·OSS® RAPID NARROW DIAMETER



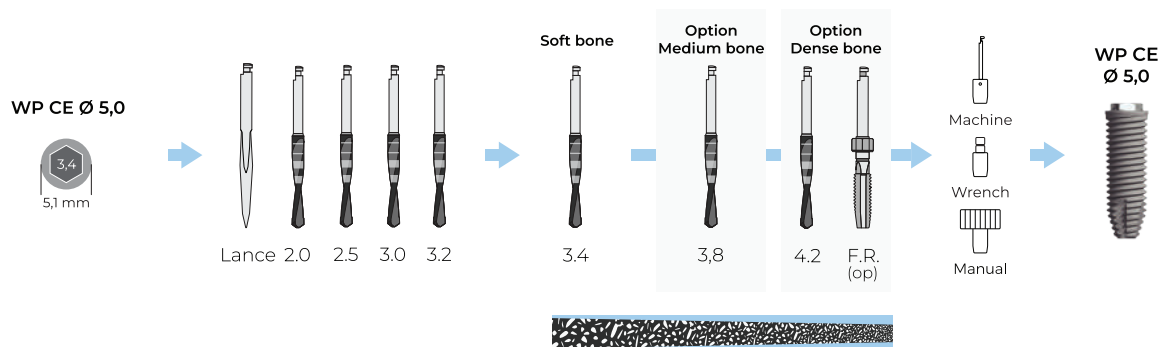
TREE·OSS® RAPID REGULAR DIAMETER



TREE·OSS® RAPID REGULAR DIAMETER



TREE•OSS® RAPID WIDE DIAMETER



IMPORTANT: Never exceed 45Ncm during implant placement.

This could damage the implant connection. Additionally, numerous studies indicate that excessive initial torque produces negative effects on early osseointegration.

Always control insertion torque with a micro-motor or the **Tree•Oss®** torque wrench when placing an implant.

In case 45 Ncm are exceeded during placement, it is recommended to remove the implant and widen the surgical site with larger diameter drill, or with the corresponding threadformer.



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