Welcome
To the world
OF PIONEERING AND TECHNOLOGICAL INNOVATION.

40
YEARS
OF PIONEERING AND TECHNOLOGICAL INNOVATION.
Based in the city of São Paulo, Implacil De Bortoli has built a pioneering path over 40 years, having produced over 5 million implants and components for half a million patients in Brazil and abroad.

A modern company that uses the state-of-the-art technology and appropriate protocols for national and international certifications throughout its production line.

The constant search for excellence in the development and manufacture of our products can be scientifically translated through several clinical research conducted by renowned specialists in Implantology. This is one of the reasons that make Implacil De Bortoli a differentiated company in this market.

In 2012, the group of Dr. Adriano Piatelli, from the University of Chieti, in Italy, published an article in Quintessence highlighting that the Implacil De Bortoli implant achieved the highest rate of osseointegration in the world: 92.7%.

In 2014, the group of Dr. Marco Aurélio Bianchini published an article in the Clinical Oral Implants Report presenting a 5-year survival rate of 98.28%, a number equal to one of the world’s leading brand.

In 2016, in a study comparing implant surfaces treated with aluminum dioxide and titanium dioxide, the results also showed that the surface treatment used by Implacil De Bortoli statistically obtained the same values as the international manufacturer that was used as a control group.

In a study published in IJOMI, the results showed that in 23 of the 24 different histometric comparisons evaluated, Implacil De Bortoli implants showed osseointegration parameters comparable or significantly higher than the leading implants in the world market.

What does this mean for the specialist? The certainty that the same results published in well-known scientific journals will be achieved in any clinic, guaranteeing the predictability of the efficacy and safety of the technique and the product.

In addition to the team of professors Nilton, Nilton Junior and Mario Sergio De Bortoli, the company also has a Scientific Council composed of renowned specialists who collaborate in the research and development of new technologies and products, as well as in the improvement of techniques for the specialists.

Currently, there are more than 100 partner courses for all over the country at the most prestigious postgraduate teaching institutions, where more than 20,000 students from Brazil and abroad have experienced.

We also have our own sales team and distributors capable of serving more than 30,000 active customers and their needs for the proper use of our products.

Futhermore, we have clinical experts available 24 hours a day to understand and meet the needs of each client and their patients.

In recent years, Implacil De Bortoli has launched a series of exclusive products that have made its line the most complete on the market, such as the Maestro implant, Due Cone, Ideale Prosthetic Line, Pilar Z, Guided Surgery Set for tapered implant, CAD/CAM prosthesis on implants and exclusive surgical and prosthetic sets.

In Brazilian market, the Implacil De Bortoli brand is present in 22 Brazilian states, in addition to countries such as Bolivia, Chile, Colombia, Italy, Peru, Portugal and Uruguay.

And to continue the work of the founder, we created the Nilton De Bortoli Institute, in São Paulo, which aims to contribute to the development and improvement of Brazilian Implantology in the next 40 years and beyond.
THE FIRST IMPLANT COMPANY IN BRAZIL HAS A GOOD STORY TO TELL

Launching Pillar Z and the new digital CAD/CAM line. Begin of the international partnership with W&H and exclusive distribution of the innovative Osteo Multilock in Brazil. Start of partnership with Exocad, world leader in software aimed for the full digital stream.

2021

Launch of Due Cone and exclusive distribution in Brazil of Cytoplast.

2020

Nilton De Bortoli and Nilton De Bortoli Junior start teaching at Fundecto.

Creation of Instituto Nilton De Bortoli and Launch of the Prosthetic Components line for CAD/CAM. International Meeting 35 years of Implacil De Bortoli.

2017

Launch of the line of implants with internal hexagon socket.

2004

Implant produced by Implacil De Bortoli achieves BIC** of 92.7%.

2012

BIC: Bone to Implant Contact

2010

Beginning of research with osseointegrated implants.

1993

Meeting Digital Implacil De Bortoli, with more than 100 thousand views. The first online event of Implantology of the world.

2016

Implacil De Bortoli receives FDA approval to enter the North American implant market.

1987

Nilton De Bortoli Junior goes to the United States to seek out osseointegrated implant technology.

1985

Creation of De Bortoli and beginning of research with osseointegrated implants.

1992

Obtaining the first CE marking. Start of commercialization in Europe.

2017

Business partnership with ACE surgical Supply Co. (USA) – external hexagon.

2020

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Nilton De Bortoli starts teaching the first course of Implantology at APCD.

1972

Nilton De Bortoli goes to the United States to take his first course on dental implants.

1982

Nilton De Bortoli Junior and Mario Sergio De Bortoli start working with their father. Beginning of the manufacture of conventional implants: blades, screws and bicorticals.

1990

Nilton De Bortoli presents its new generation of implants, with a conical shape and surface treatment. Implant Morse Cone.

2007

De Bortoli presents its new generation of implants, with a conical shape and surface treatment. Implant Morse Cone.

2009

The De Bortoli company is renamed Implacil De Bortoli.

2013

De Bortoli officially presents its new generation of implants with scientifically proven international quality standard***.

2014

Prosthetic components with scientifically proven international quality standard***.

2015

Slim Implants, 5 and 6 mm Implants, and Guided Surgery.

2018

De Bortoli presents its new generation of implants, with a conical shape and surface treatment. Implant Morse Cone.

2019


IV International Meeting Implacil De Bortoli. The first with 3D projection in Brazilian Dentistry. Road Tour through the main Brazilian capitals.

According to research*, Implacil De Bortoli becomes the leader in the São Paulo market.

According to research*, Implacil De Bortoli becomes the leader in the São Paulo market.
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EXTERNAL HEXAGON IMPLANTS

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**SETS**

- Surgical Master Cylindrical Conical HE | HI | CM
- HE Conical Prime | HI | CM Ø 3.5/4.0
- Prime Cylindrical HE or HI Ø 3.5/4.0
- Surgery Conical HE Upgrade | HI | CM Ø 3.5/Ø 4.0
- Surgical Conical 5 mm / 6 mm HE HI Ø 4.0 Ø 5.0 | CM Ø 5.5
- Implaguide CM AR Surgical Set Ø 3.5

**INSTRUMENTALS**

- Surgical instruments
- T Key
- Scanner
- Countersink Cutter Drill
- Male Thread
- Mini Cutter Spear Drill
- Parallelizer
- Titanium Tweezers
- Protractor
- Implant Bag
- Surgical Stop
- Trephine
- Prosthetic Instruments
- Curettes

**MEMBRANES**

- Cytoplast™ Txt-200 Membranes
- Titanium Reinforced Cytoplast™ Membranes
- RPM Membranes
- Cytoplast™ Suture Threads
- Extra Craft XC-13° 0.5 g
- Extra Craft XC-13° 1 g

**ORTH Thread**

<table>
<thead>
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<th>Implants</th>
<th>Application</th>
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<td>ROG Screws / Membrane Fixation / Craft Fixation</td>
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BIC – BONE IMPLANT CONTACT

Implantes dentários macinados e jateados retirados de humanos após 5 anos: uma análise histológica e histomorfométrica de três casos.

Giovanna Iezzi, Giovanni Vantaggiato, Jamil A. Shibli, Elisabetta Fiera, Antonello Falco, Adriano Piattelli, Vittoria Pirotti.

SURVIVAL RATE

Indicadores de risco para a peri-implantite: estudo retrospectivo com 916 implantes.

Haline Renata Dalago, Cuenther Schultah Filho, Mônica Abreu Pessôa Rodrigues, Stefan Renvert, Marco Aurélio Bianchini.

LOWER RATE OF OCCURRENCE OF PERI-IMPLANTITIS

Indicadores de risco para a peri-implantite: estudo retrospectivo com 916 implantes.

Haline Renata Dalago, Cuenther Schultah Filho, Mônica Abreu Pessôa Rodrigues, Stefan Renvert, Marco Aurélio Bianchini.

TIO SURFACE² EQUIVALENT OR SUPERIOR TO ALO²

Avaliação comparativa entre micropartículas de alumínio e dióxido de titânio para jateamento de superfície dos implantes dentários de titânio: um estudo experimental em coelhos.

Sergio A. Gehrke, María P. Raimen-Reiféme, José-Manuel Granero Marín, Marcos Barbosa Sailees, Massimo Del Fabbro, José Luis Calvo Cuñado.

OSSEOINTEGRATION EQUIVALENT OR SUPERIOR TO IMPORTED IMPLANTS

Padrões de cicatrização óssea cortical e trabecular, e quantificação para três sistemas diferentes de implante dentário.

Heloisa F. Marão, Ryo Jimbo, Rodrigo Neiva, Luiz Fernando Gil, Michelle Bowers, Estevam A. Bonfante, Nick Tovar, Malvin N. Janal, Paulo C. Coelho.

ACCELERATES AND IMPROVES OSSEOINTEGRATION. EARLY OPENING

Efeitos biomecânicos de um novo desenho macrogeométrico de implantes dentários: uma análise experimental in vitro.

Biomechanical Effects of a New Macrogeme Design of Dental Implants: An In Vitro Experimental Analysis.

Sergio Alexandre Gehrke, Leticia Pérez-Díaz, Patricia Mazón and Piedad N. De Aza.

NOVA MACROGEOMETRIA DE IMPLANTES PARA MELHORAR E ACCELERAR A OSSEOINTEGRAÇÃO: UM ESTUDO EXPERIMENTAL IN VIVO.

New Implant Macrometry to Improve and Accelerate the Osseointegration. An In Vivo. Experimental Study


AVALIAÇÃO BIOMECÂNICA E HISTOLÓGICA DE QUATRO IMPLANTES COM DIFERENTES MACROGEOMETRIAS NA FASE INICIAL DO PROCESSO DE OSSEOINTEGRAÇÃO: UM ESTUDO ANIMAL IN VIVO.

Biomechanical and histological evaluation of four different implant macrogeometries in the early osseointegration process. An in vivo animal study.

Journal of the Mechanical Behavior of Biomedical Materials, Volume 125, January 2022, 104935.
Sergio Alexandre Gehrke, Jaime Aramburú Junior, Thiago Luís Eirles Treichel, Berenice Arina Dedavid.
MORSE TAPER
IMPLANTS

Now you can also consult our products through the Implant Mais App.

Download it right now.
FEATURES
- Conical implant with Morse Cone fitting;
- Early or late rehabilitation;
- Single/multiple;
- Installation in any bone density: type I, II, III and IV;
- Healing chambers incorporated in its macrogeometry;
- Accelerates and improves osseointegration;
- Low compression of bone tissue during implant insertion;
- Increases the diameter of the osteotomy;
- Improves the quality of newly formed bone tissue;
- Surface treated with alternate blasting and acid etching;
- Double morse sealing that allows greater stability and greater bacterial sealing of the prosthetic component;
- Indexing that allows 12 positions;
- Revolutionary design of trapezoidal threads accelerates bone condensation, thanks to the perfect combination of implant taper and coil shape;
- Accompanies cover 1 mm;
- Cover installation. Hexagonal key No 7 - 1.17 mm;
- Installation with 2 mm infraosseous;
- Drilling rotation: 600 rpm;
- Installation rotation: 20 rpm;
- Suggested installation Torque 25 Ncm for Early Load;
- Suggested installation torque 35 Ncm for Immediate Load.

CODES

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INSTALLATION KEY

Ratchet Ø 3.5 / 4.0 / 5.0 Engine Ø 3.5 / 4.0 / 5.0

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KEY TO COVER INSTALLATION

Hexagonal Key No 7 – 1.17 mm

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Cover CM

| O mm (additional) | 24990 |
| 1 mm (accompanies) | 24108 |
| 2 mm (additional)  | 23974 |
**Bone Type**

- **Implant Ø Diameter**
  - Ø 2.0
  - Ø 3.0
  - Ø 3.5
  - Ø 4.0
  - Ø 4.5
  - Ø 5.0

**DRILL SEQUENCE**

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**INDICATIONS FOR USE AND APPLICATION EARLY LOADING**

**Parameters**

- Cortical bone quality; Classification Type I / II; Adequate bone quantity; Length ≥ 9 mm.
- Medullary bone quality; Classification Type III; Adequate bone quantity; Length ≥ 9 mm.
- Medullary Bone Quality; Classification Type IV; Adequate bone quantity; Length ≥ 9 mm.
- When there is no contact between implant and bone, most techniques should be performed to due reconstruction.

**Healing**

- Minimum time: 4–6 weeks.
- Minimum time: 7–8 weeks.
- Minimum time: 12 weeks.
- Term determined according to the sum of the applied techniques.

**IMMEDIATE LOAD APPLICATION**

- Torque: 35 Ncm minimum.
- Torque: 60 Ncm maximum.
- Finalization after osseointegration.
- Minimum time: 12 weeks.

**TECHNICAL DATA**
FEATURES
- Conical implant with Morse Cone fitting.
- Immediate or delayed rehabilitation.
- Single/multiple.
- Installation in any bone density: type I, II, III and IV.*
- Surface treated with alternate blasting and acid etching.
- Double morse sealing that allows greater stability and greater bacterial sealing of the prosthetic component.
- Indexing that allows 12 positions.
- Revolutionary design of trapezoidal threads accelerates bone condensation, thanks to the perfect combination of implant taper and spiral shape.
- Accompanies cover 0 mm.
- Cover installation. Hexagonal key No 7 – 1.17 mm.
- Installation with 2 mm infraosseous.
- Gingival profile above 1.5/2 mm is required.
- Drilling rotation: 800-1,200.
- Installation rotation: 20 rpm.
- Suggested installation torque up to 60 Ncm.

CODES

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KEY TO COVER INSTALLATION

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COVER CM

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*Indication of bone application according to the Lekholm and Zarb Classification. To prepare the bed for tapered implants - you must use the milling drill corresponding to the length of the planned implant, respecting the sequence illustrated according to the bone type.
DRILL SEQUENCE

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LH - Helical Lance Drill | FC - Conical End Drill | ES - Countersink/osseodensifier

BONE DENSITY

TYPE I

TYPE II

TYPE III

TYPE IV

TECHNICAL DATA

2022 CATALOG
CONICAL CM
5/6 mm
Length

FEATURES
- Conical implant with Morse Cone fitting.
- Implant with assembler.
- Indicated for late rehabilitation.
- Indicated for upper and lower posterior regions.
- Security for multiple rehabilitation.
- For the use of Short ST implants (5 mm / 6 mm) you should always analyze the implant crown relationship.
- Surface treated with alternate blasting and acid etching.
- Fully tapered body, providing better balance between bone and implant design.
- Allows installation in any bone density: type I, II, III and IV.
- For installation, you can use a direct torque key or a torque key coupled with the extension key. Another installation possibility is the application of internal hexagon keys directly on the assembler, thus performing internal torque, being able to carry out manual or contra-angle installation.
- Use ST component.
- Accompanies cover 0 mm ST.
- Cover installation. Hexagonal key No 7 – 1.17 mm.
- Drilling rotation: 200–300;
- Installation rotation: 20 rpm.
- Suggested installation torque up to 60 Ncm.

CODES

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Length</th>
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SPECIFICATION

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<tr>
<td>Diameter</td>
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<tr>
<td>Fitting</td>
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<tr>
<td>Depth</td>
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<tr>
<td>Internal Thread</td>
<td>1.8 mm ST</td>
</tr>
<tr>
<td>Angle</td>
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<tr>
<td>Apex</td>
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INSTALLATION KEY
(internal torque assembler)

<table>
<thead>
<tr>
<th>Ratchet Ø 4.0</th>
<th>Engine Ø 4.0</th>
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<tbody>
<tr>
<td>Short</td>
<td>Average</td>
</tr>
<tr>
<td>17763</td>
<td>17770</td>
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</tbody>
</table>

KEY TO COVER INSTALLATION

Hexagonal Key No 7 – 1.17 mm
- Short Key 19.3 mm 20626
- Middle Key 23 mm 18685
- Long Key 28 mm 20619

COVER CM
0 mm (accompanies) ST 21025

Keys used for internal hexagon implants, for installation of the Morse Cone implant with mount, should not remove the mount.

*For implants with Ø 5.5 mm and lengths 5 mm / 6 mm, the internal thread is 1.8 mm; however, its screw is specific due to its different length. For this implant, use components from the ST Line.
# Prosthetic Selection

## Features
- The most complete set Selection tool for Morse Cone components, assists in the selection of transmucosal component type, angulation, diameter and element height to be used.
- Unique system that gives the option of 3 (three) combinations of equal straps, which assist in planning for multiple elements.
- Easy handling.
- High precision.
- Made in aluminium.

## Diagram Description
- **Selection Set Case**: 28226
- **Screw**: Diameter x Height
- **Screw**: Ø 3.5 Ø 4.5
- **Screw**: Ø 4.5
- **Mini Straight Conical**: 20947
- **Mini Conical 17º**: 20945
- **Mini Conical 30º**: 20946
- **Pilar Key**: Selection Set Case - 28226
- **Check Tunnel**: 20701
- **Pilar Key**: 20960
- **Strap Key**: 20949

## Table

<table>
<thead>
<tr>
<th>Strap Height</th>
<th>Screw Diameter x Height</th>
<th>Screw Angled</th>
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<tr>
<td>0.8 mm 20935</td>
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<td>1.5 mm 20934</td>
<td>Ø 3.5 20943</td>
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<td>2.5 mm 20935</td>
<td>Ø 3.5 20944</td>
<td>25º</td>
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<td>3.5 mm 20936</td>
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<td>4.5 mm 20937</td>
<td>Ø 4.5 20946</td>
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<tr>
<td>5.5 mm 20938</td>
<td>Ø 4.5 20947</td>
<td>15º</td>
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</table>

## Prosthetic Features
- The most complete set Selection tool for Morse Cone components, assists in the selection of transmucosal component type, angulation, diameter and element height to be used.
- Unique system that gives the option of 3 (three) combinations of equal straps, which assist in planning for multiple elements.
- Easy handling.
- High precision.
- Made in aluminium.
Planning is undoubtedly one of the most important phases of treatment and a determining factor in the success of implant prostheses. With the Selection Set we have the possibility to analyze:
- Diameter;
- Screw height;
- System type (cemented or screw);
- Straight or angled;

The following criteria must be observed when planning a treatment involving implant prosthesis:
- Optimal position of the crown in the arch;
- Ideal implant position (taking as a reference the already established position of the crown);
- Selection of the most suitable component to obtain the best crown/implant connection result;
- Applied for measurement;
- After insertion into the CM / CM AR implant, its markings serve as parameters for selecting the desired strap;
- Indicated 1.5 mm to 2 mm subgingival, that is, this value must be discounted in the marking found.

**HANDLING AND COUPLING**

Strap Key assists in assembly and fitting of accessories.

Coupling and assembly of the belt and component.

Set for application in the study model.

**STEP BY STEP**

The Tunnel Check applied for measurement, as illustrated above, shows that we have a depth of 3.5 mm to the gingival limit.

Discounting the value of 2 mm is selected then the strap 1.5 mm.

Strap applied. Observation of the ideal gingival level.

Drill height selection and test.

Set selected and applied.

**PROSTHETIC POSSIBILITIES**

3.5 x 4 mm

3.5 x 6 mm

4.5 x 4 mm

4.5 x 6 mm

15º angled

25º angled

Mini Conical

Angled Mini Conical
HEALER

FEATURES
- The healer aims to remodel the gingival tissue, preparing it for the finalization of the case and the prosthetic application of the component on the implant;
- The estimated time to reach the remodeling objective is 7 to 30 days;
- Installation: Hexagonal key No 7 – 1.17 mm.

ANALOG TRANSFER

The Morse Cone CM AR transfer is used to copy the position of the implant in the dental arch allowing its reproduction in the plaster model. On this model, we can select the intermediate abutment that will be installed in the patient or even make the prosthetic work on the abutment installed in the model, in this way the abutment must be indexed (CM AR).
- Open Tray Transfer Installation. Hexagonal key No 7 – 1.17 mm;
- Closed Tray Transfer Installation. Friction Key No3.

DIGITAL TRANSFER

The Digital Morse Cone CM AR is used to copy the position of the implant in the dental arch by intraoral scanning or plaster model scanning. On this model, we can select the intermediate abutment and make the prosthesis digitally, and this element on the intermediate abutment can be milled or printed. In this way the pillar must be indexed (CM AR).
- Digital Transfer Installation. Hexagonal key No 7 – 1.17 mm.

TRANSFER D/G

Digital CM AR
CM AR D/G 30769
For implants from 7 mm to 15 mm.

CM ST

Tray Ø 5.5
Closed CM 231497
For implants from 5 mm to 6 mm.
CM ST
(component selection molding)

ANALOGUE D/G - HYBRID

Used in printed Digital laboratory model or in Plaster (D/G). The analog can be applied to conventional implants (7 mm / 15 mm) and ST implant (5 mm / 6 mm).

CM AR

Analog CM AR D/G 31509
For implants from 5 mm to 15 mm.
CM AR. Use of AR components;
CMST / CM 11.5° compatible for study model and component selection only.
## APPLICATION SEQUENCE

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>HEALER</th>
<th>TRANSFER</th>
<th>ANALOG D/G</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maestro CM AR</td>
<td></td>
<td></td>
<td><strong>ANALOG</strong> Open Tray CM AR</td>
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<tr>
<td>Due Cone CM AR</td>
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<td></td>
<td>Closed Tray CM AR</td>
</tr>
<tr>
<td>CM Ø 5.5 mm 5/6 mm</td>
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<td><strong>ANALOG</strong> Closed Tray CM ST</td>
</tr>
</tbody>
</table>

**Sequence to generate study model or use of CM AR components.**

**CM AR**
For use in Cone Morse Due Cone implants or Maestro implants.

**CM ST**
Sequence to generate ST study model and prosthetic selection of 5 mm and 6 mm CM. After selection, the transfer of the selected intermediates must be carried out.
**APPLICATION**
- Indication for unitary cases;
- CM indexed pillar;
- Temporary pillar for immediate or late loading;
- It can be used for personalization of healing with the use of composite resin;
- In rehabilitations using Base T abutments, this abutment can be used to make a screw-retained provisional during the period in which the final prosthesis is being made in CAD/CAM;
- This abutment should not be used as a definitive abutment, but it can remain as a temporary abutment for a longer time. As it is made of titanium, it does not undergo corrosion or micro movement;
- Installation: Hexagonal key No 7 – 1.17 mm;
- Installation torque: 20 Ncm.

**APPLICATION SEQUENCE**

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>COMPONENT</th>
<th>INSTALLATION</th>
<th>TRANSFER</th>
<th>ANALOG D/G</th>
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<tr>
<td>Maestro</td>
<td>Provisional Pillar</td>
<td>Hexagonal Key No 7 – 1.17 mm \nShort</td>
<td>Open Tray CM AR Cod. 228930</td>
<td>CM AR \nFor implants from 7 to 15 mm Cod. 35609</td>
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<tr>
<td>Due Cone</td>
<td>CM AR</td>
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<td>Closed Tray CM AR Cod. 228903</td>
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</table>
IDEALE PILLAR
CEMENTED/SCREWED PROSTHESIS

APPLICATION
- Indication for unitary cases;
- Indicated for cemented or screw-retained prostheses;
- Solid column, single body (no indexing);
- Diameter: 3.3 and 4.5;
- Height: from 4.0 and 6.0;
- Straps: 0.8 / 1.5 / 2.5 / 3.5 / 4.5 / 5.5;
- The 4.0 mm high abutments allow the prosthesis to be cemented with total retention security, regardless of its diameter (3.3 or 4.5);
- Can be applied to Conventional Morse Cone and Morse Cone AR Due Cone and Maestro implants;
- All diameters and straps can be used in any diameter of Morse Cone and Morse Cone CM AR and Maestro implants, facilitating the prosthetic solution;
- Its main indication is for single prostheses and can be used for multiple prostheses;
- It has аналогues, molding transfers (plastic) and screwed provisional copings (titanium) and casting (plastic) corresponding to the diameter and height of the pillars;
- In cases of multiple prostheses, parallelism is required;
- These components cannot be used in CM ST Morse Cone 5 and 6 mm implants;
- To use the Pilar Ideale as a screwed element, you must add 2 mm to the planning, this increase refers to the use of the screw to fix the crown;
- Plastic hoods do not come with screws, Hexagonal screws and Torx optional purchase. Titanium Cap comes with 117 mm Hexagonal Screw for Screwed Temporary or use as a Healing Cap;
- Pillar Installation: use the drill/abutment key suitable for the diameter and height of the selected abutment (Universal wrench 3.3x4/3.5x4, 3.3x6/3.5x6, 4.5x4 or 4.5x6);
- Installation Screwed Hood (titanium or plastic): Hexagonal key No 7 – 1.17 mm;
- Installation torque for Hood when Screwed Prosthesis: 10 Ncm.

APPLICATION SEQUENCE

<table>
<thead>
<tr>
<th>PILLAR</th>
<th>INSTALLATION</th>
<th>HEALING / TEMPORARY</th>
<th>TRANSFER</th>
<th>ANALOG D/G</th>
<th>COIF</th>
<th>SCREWED</th>
<th>FINALIZATION</th>
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<tbody>
<tr>
<td>CM Selection Set</td>
<td>Straight</td>
<td>Universal Key</td>
<td>Titanium Coif Anti-rotational Screwed (Temporary/ Healing Cover)</td>
<td>ANALOG</td>
<td>Plastic Coif Anti-rotational Cemented or Screwed (Analog Lab)</td>
<td>Screw Coif (screwed) Hexagonal Screw 117 mm Cod. 4763</td>
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CM COMPONENTS

CONICAL
Diameter x Height x Strap

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<tr>
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<th>3.3x6</th>
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For implants from 7 mm to 15 mm CM / CM AR / CM 11.5° compatible.

Diameter x Height x Strap

<table>
<thead>
<tr>
<th>Diameter x Height</th>
<th>Installation Key</th>
<th>Analog Transfer</th>
<th>Digital Transfer</th>
<th>Analog D/G</th>
<th>Plastic Hood P AR</th>
<th>Titanium Hood P AR</th>
<th>Hexagonal Hood Screw</th>
<th>Torx Hood Screw</th>
<th>CM Prosthesis Check Tunnel</th>
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<tbody>
<tr>
<td>Ø 3.3 mm 4 mm</td>
<td>32229</td>
<td>29190</td>
<td>30789</td>
<td>31518</td>
<td>25849</td>
<td>25861</td>
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<td>20701</td>
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<tr>
<td>Ø 3.3 mm 6 mm</td>
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<td>29191</td>
<td>30791</td>
<td>31519</td>
<td>25852</td>
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<td>20701</td>
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<tr>
<td>Ø 4.5 mm 4 mm</td>
<td>32231</td>
<td>29192</td>
<td>30793</td>
<td>31520</td>
<td>25855</td>
<td>25866</td>
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<td>20701</td>
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<tr>
<td>Ø 4.5 mm 6 mm</td>
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Diameter Ø 3.3 mm

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<th>Digital Transfer</th>
<th>Analog D/G</th>
<th>Plastic Hood P AR</th>
<th>Titanium Hood P AR</th>
<th>Hexagonal Hood Screw</th>
<th>Torx Hood Screw</th>
<th>CM Prosthesis Check Tunnel</th>
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<tbody>
<tr>
<td>Ø 3.3 mm</td>
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<tr>
<td>Ø 3.3 mm</td>
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Diameter Ø 4.5 mm

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<th>Analog D/G</th>
<th>Plastic Hood P AR</th>
<th>Titanium Hood P AR</th>
<th>Hexagonal Hood Screw</th>
<th>Torx Hood Screw</th>
<th>CM Prosthesis Check Tunnel</th>
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</thead>
<tbody>
<tr>
<td>Ø 4.5 mm</td>
<td>4 mm</td>
<td>32231</td>
<td>29192</td>
<td>30793</td>
<td>31520</td>
<td>25855</td>
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<td>4763</td>
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<td>20701</td>
</tr>
<tr>
<td>Ø 4.5 mm</td>
<td>6 mm</td>
<td>32232</td>
<td>29193</td>
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<td>25858</td>
<td>25868</td>
<td>4763</td>
<td>30131</td>
<td>20701</td>
</tr>
</tbody>
</table>

Torque

- Installation torque: 30 Ncm;
- Installation torque for Hood when Screwed Prosthesis: 10 Ncm.
IDEALE ANGLED CM PILLAR
CEMENTED/SCREWED PROSTHESIS

APPLICATION
- Indication for unitary cases;
- Indicated for cemented or screw-retained prostheses;
- Allows its installation in 12 positions due to the presence of the index;
- Angled 17° (2 mm) and 30° (3 mm);
- Diameter: 3.3 and 4.5;
- Height: from 4.0 and 6.0;
- The 4.0 mm high abutments allow the prosthesis to be cemented with total retention security, regardless of its diameter (3.3 or 4.5);
- Straps 1.5, 2.5, and 3.5;
- It should only be applied to the Cone Morse AR Due Cone and Maestro implants;
- It is not compatible with other implant systems;
- Indexed Positioning (AR) allows you to reposition the element when necessary;
- Allows rehabilitation of implants with an unfavorable position, promoting parallelism between them or with adjacent teeth;
- All diameters and straps can be used in any diameter of Morse Cone and CM AR implants, facilitating the prosthetic solution;
- Its main indication is for single prostheses and can be used for multiple prostheses;
- In cases of multiple prostheses, parallelism is required;
- It has analogues, molding transfers (plastic) and screwed provisional copings (titanium) and casting (plastic) corresponding to the diameter and height of the pillars;
- These components cannot be used in CM ST Morse Cone 5 and 6 mm implants;
- To use the Pilar ideale as a screwed element, you must add 2 mm to the planning, this increase refers to the use of the screw to fix the crown;
- Plastic hoods do not come with screws, Hexagonal screws and Torx optional purchase. Titanium Cap comes with 1.17 mm Hexagonal Screw for Screwed Temporary or use as a Healing Cap.
- Pillar Installation torque: 20 Ncm;
- Pillar Installation: Hexagonal key No 7 – 1.17 mm;
- Installation Screwed Hood (titanium or plastic): Hexagonal key No 7 – 1.17 mm;
- Installation torque for Hood when Screwed Prosthesis: 10 Ncm.

APPLICATION SEQUENCE

<table>
<thead>
<tr>
<th>PILLAR</th>
<th>INSTALLATION</th>
<th>HEALING / TEMPORARY</th>
<th>TRANSFER</th>
<th>ANALOG D/G</th>
<th>COIF</th>
<th>SCREWED</th>
<th>FINALIZATION</th>
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<tbody>
<tr>
<td>CM</td>
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<td>Plastic</td>
<td>Analog</td>
<td>Digital</td>
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<td>T6 Torx Key</td>
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</tbody>
</table>

For implants from 7 mm to 15 mm.
CM / CM AR / CM 11.5° compatible.

CONICAL

Diameter x Height x Strap

<table>
<thead>
<tr>
<th>Strap</th>
<th>3.3x4</th>
<th>3.3x6</th>
<th>4.5x4</th>
<th>4.5x6</th>
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<tbody>
<tr>
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<tr>
<td>Angled Strap Angle 30° (3 mm)</td>
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</table>

For implants from 7 mm to 15 mm.
CM / CM AR / CM 11.5° compatible.

APPLICATION SEQUENCE

<table>
<thead>
<tr>
<th>PILAR</th>
<th>INSTALLATION</th>
<th>HEALING / TEMPORARY</th>
<th>TRANSFER</th>
<th>ANALOG D/G</th>
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<td>T6 Torx Key</td>
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</tbody>
</table>

For implants from 7 mm to 15 mm.
CM / CM AR / CM 11.5° compatible.

22
IDEALE ANGLED PILLAR CM AR
CEMENTED/SCREWED PROSTHESIS

APPLICATION

- Indication for unitary cases;
- Indicated for cemented or screw-retained prostheses;
- Allows its installation in any position due to the absence of the index;
- Angled 17° (2 mm) and 30° (5 mm);
- Diameter, 3.3 and 4.5;
- Height, from 4.0 and 6.0;
- The 4.0 mm high abutments allow the prosthesis to be cemented with total retention security, regardless of its diameter (3.3 or 4.5);
- Straps 1.5, 2.5 and 3.5;
- Can be applied to Conventional Morse Cone and Morse Cone AR Due Cone and Maestro implants;
- Allows rehabilitation of implants with an unfavorable position, promoting parallelism between them or with adjacent teeth;
- All diameters and straps can be used in any diameter of Morse Cone and CM AR implants, facilitating the prosthetic solution;
- Its main indication is for single prostheses and can be used for multiple prostheses;
- In cases of multiple prostheses, parallelism is required;
- It has analogues, molding transfers (plastic) and screwed provisional copings (titanium) and casting (plastic) corresponding to the diameter and height of the pillars;
- These components cannot be used in CM ST implants 5 and 6 mm Morse Cone;
- To use the Pilar Ideale as a screwed element, you must add 2 mm to the plan, this increase refers to using the screw to fix the crown.
- Pillar Installation torque: 20 Ncm.
- Pillar Installation: Hexagonal key No 7 – 1.17 mm.
- Installation Screwed Coif (titanium or plastic): Hexagonal Key No 7 – 1.17 mm;
- Plastic Coifs do not come with screws, Hexagonal screws and Torx optional purchase. Titanium Coif comes with Hexagonal Screw 17mm for Screw-on Temporary or use as a Healing Cap.

Componentes for implants

<table>
<thead>
<tr>
<th>Diameter x Height x Strap</th>
<th>Strap 3.3x4</th>
<th>3.3x6</th>
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<td>25.5 mm 25873</td>
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<td>35.5 mm 25875</td>
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<td>25887</td>
<td>25893</td>
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<tr>
<td>Angled 30° (3 mm)</td>
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<td>35.5 mm 25899</td>
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For implants from 7 mm to 15 mm CM AR.

**APPLICATION SEQUENCE**

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<tr>
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<th>ANALOG/ D/G</th>
<th>PILLAR</th>
<th>INSTALLATION</th>
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<th>TRANSFER</th>
<th>ANALOG/ D/G</th>
<th>COIF</th>
<th>SCREWED</th>
<th>FINALIZATION</th>
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<td>Hexagonal Key No 7 – 117 mm Short</td>
<td>Cod. 20626</td>
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<td>Plastic Coif</td>
<td>ANTI-ROTATIONAL</td>
<td>Screwed</td>
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<td>Titanium Coif</td>
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<td>Element Key No 9</td>
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</table>

*Angle strap you must add the corresponding value considering as brace, the sum of the angle brace to the selected brace.

*This Pillar can be applied to a patient and follow the workflow identical to the Straight Abutment as per page 21.
APPLICATION

- Indication for unitary cases;
- Base T Pillars are prosthetic components used for CAD/CAM systems. They allow the execution of customized ceramic pillars for a wide range of individualized solutions;
- The Base T line also features the Scancorp system, which offers superior surface quality and a unique geometry for high-precision scanning results. Scancorp is used in conjunction with Base T pillars;
- Base T Installation: Hexagonal key No 7 – 1.17 mm;
- Installation torque: 20 Ncm;
- For component selection in the software and work block selection, use the following codes:
  - 3.5 – Small FX 3.4;
  - 4.0 – Large AT OS 3.5/4.0.

APPLICATION OF SEQUENCE – Chair Side – Clinic

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<thead>
<tr>
<th>IMPLANT</th>
<th>HEALER / TEMPORARY</th>
<th>COMPONENT</th>
<th>INSTALLATION</th>
<th>SCANCORP</th>
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<tr>
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<td>T Base</td>
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APPLICATION SEQUENCE – Inlab – Laboratorial

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<td>Healer</td>
<td>CM AR Cod. 31509</td>
<td>T Base</td>
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<td>Scancorp Ø 3.5 Small</td>
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For implants from 7 mm to 15 mm CM AR.
APPLICATION

- Indication for unitary cases.
- Base T Abutments are prosthetic components used for CAD/CAM systems. They allow the execution of customized ceramic pillars for a wide range of individualized solutions.
- The Base T line also features the Digital Transfer System for implant or Digital Transfer Base T to copy Base T, which offers superior surface quality and a unique geometry for high-precision scanning results.
- Base T Installation: Hexagonal Key No 7 – 1.17 mm.
- Installation torque: 20 Ncm.
- For use in Exocad® perform o download in our website.

APPLICATION SEQUENCE – Intraoral Scanning

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>HEALER / TEMPORARY</th>
<th>DIGITAL TRANSFER</th>
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<th>INSTALLATION</th>
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<tbody>
<tr>
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</table>
DIGITAL CM PILLAR: CEMENTED / SCREWED PROSTHESIS

CM COMPONENTS

APPLICATION
- Indication for unitary cases;
- Digital abutments are prosthetic components used for CAD/CAM systems. The Digital Pillar was specially created to facilitate the milling system, its 3-channel Anti-rotational system can be created on most drilling machines simply and effectively. They allow the execution of customized ceramic pillars for a wide range of individualized solutions;
- The Digital Pillar range also features the Digital Transfer system for implant or the Digital Transfer Abutment Digital to copy the Digital Pillar, which offers superior surface quality and a unique geometry for high-precision scanning results.
- Digital Pillar installation. Hexagonal key No 7 – 1.17 mm;
- Installation torque: 20 Ncm;
- For use in Exocad® perform o download in our website.

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<td>Short</td>
<td>Digital Pillar</td>
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<tr>
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DIGITAL TRANSFER IMPLANT CM AR

DIGITAL TRANSFER DIGITAL PILLAR

Description
- Digital PillarØ 3.8 31737
- Digital PillarØ 4.5 31739

CM AR

Strap Ø 3.8 / SMALL Ø 4.5 / LARGE Ø 3.8
0.8 mm 31656 31660
1.5 mm 31657 31661
2.5 mm 31658 31662
3.5 mm 31659 31663

For implants from 7 mm to 15 mm. Applied on CM AR implants.

APPLICATION SEQUENCE – Extraoral Scanning

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CM ST

Diameter x Height x Strap

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<th>3.5x6</th>
<th>4.5x4</th>
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<td>27854</td>
<td>27649</td>
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<tr>
<td>1.5 mm</td>
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<td>211697</td>
<td>27847</td>
<td>27823</td>
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<tr>
<td>2.5 mm</td>
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<td>5.5 mm</td>
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For implants from 5 mm to 6 mm CM ST.

APPLICATION
- Indication for single or multiple cases;
- Applied to cemented or screw-retained prostheses;
- Solid column, single body (no indexing);
- Diameter, 3.5 and 4.5;
- Height: from 4.0 and 6.0;
- Strap 0.8 / 1.5 / 2.5 / 3.5 / 4.5 / 5.5;
- Can be applied to 5 mm or 6 mm Morse Cone implants;
- All diameters and straps can be used in any diameter of 5.5 Morse Cone implants, facilitating the prosthetic solution;
- It has analogue, transfer and copings corresponding to the diameter and height of the pillars;
- In cases of multiple prostheses, parallelism is required, you can use rotational hoods to facilitate applications;
- To use the Smart as a screwed element, you must add 2 mm to the planning, this increase refers to the use of the screw to fix the crown;
- Abutment installation, use the screwing/pillar key suitable for the diameter and height of the selected abutment (Universal wrench CM 3.5x4, 3.5x6, 4.5x4 or 4.5x6);
- Installation torque for Coif when Screwed Prosthesis 10 Ncm.
- Screwed Coif installation, Hexagonal key No 7 – 1.17 mm;
- Pillar installation torque: 30 Ncm.

APPLICATION SEQUENCE

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<tr>
<th>SCREW</th>
<th>INSTALLATION</th>
<th>TRANSFER</th>
<th>ANALOG</th>
<th>COIF</th>
<th>FINALIZATION</th>
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<td>Straight</td>
<td>Universal Key</td>
<td>Closed Tray</td>
<td>Coif Anti-Rotational/ Rotational Cemented (Laboratory)</td>
<td>Cemented Element (Cementing)</td>
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<td>Screwed Element (No 7 Key)</td>
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AR – Anti-Rotational | R – Rotational | C – Cemented | P – Screwed
APPLICATION

- Indicated for multiple cases;
- Screwed prostheses;
- Fixed prostheses and protocols in general;
- The component and accessories set requires an approximate interocclusal height of 4.8 mm, and the metal-ceramic volume must also be considered according to prosthetic planning and execution;
- The 17° or 30° angled component allows for correcting the angulation of the implants;

APPLICATION SEQUENCE

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<tr>
<th>TYPE</th>
<th>INSTALLATION</th>
<th>HEALER / TEMPORARY</th>
<th>ANALOG TRANSFER</th>
<th>DIGITAL TRANSFER</th>
<th>ANALOG D/G</th>
<th>COIF</th>
<th>COIF INSTALLATION</th>
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<td>Cod. 18548</td>
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<td>Hexagonal Key No 7 – 117 mm</td>
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<td>Cod. 20626 Average</td>
<td>Cod. 18685</td>
<td>Long</td>
<td>Cod. 20619</td>
<td>Titanium Coif Rotational (Provisional)</td>
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*Angle strap you must add the corresponding value considering as brace, the sum of the angle brace to the selected brace.

COIF

CM

CM ST

CM AR

For implants from 7 mm to 15 mm.
CM / CM AR / CM 11.5° compatible.

Component diameter Ø 4.8 mm.

For implants from 5 mm to 6 mm.
CM AR.
CM COMPONENTS

MICRO CONICAL SCREWED PROSTHESIS

**APPLICATION**
- Multiple prostheses;
- Pillar developed for use in cases of multiple prostheses where the implants are close together. For example, in the replacement of lower incisors. It can be used concomitantly with the mini conical abutments, thus allowing better spaces between the components to facilitate implant cleaning and maintenance of the peri-implant biological space;
- The component and accessory set requires an approximate interocclusal height of 3.6 mm, considering also the metal-ceramic volume according to prosthetic planning and execution;
- Installation: Aesthetic Conical Key/Mini Conical - No. 5;
- Micro Conical Installation Torque 20 Ncm;
- Coif installation torque: 10 Ncm.

### CM

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<tr>
<td>4.5 mm</td>
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For implants from 7 mm to 15 mm. CM / CM AR / CM 11.5° compatible. Component Diameter Ø 3.5 mm.

### APPLICATION SEQUENCE

- **Type**: Straight Multiple
  - **Installation**: Key No 5 Average Cod. 18661; Titanium Coif Rotational (Provisional) Cod. 25474
  - **Healer / Temporary**: Cap of Healing Cod. 26715; Open Tray Rotational Cod. 25466
  - **Analog Transfer**: Rotational Cod. 30826; Closed Tray Rotational Cod. 26464
  - **Digital Transfer**: Rotational Cod. 31522
  - **Analog D/G**: Rotational Cod. 31522
  - **Coif Chrome Base Rotational (Laboratory)**: Cod. 25476
  - **Coif Installation**: Hexagonal Key No 7 – 1.17 mm Long Cod. 20619
  - **Spare**: Screw Coif (screwed) Hexagonal Screw 1.17 mm Cod. 4787; Hexagonal Key No 7 – 1.17 mm Short Cod. 20626; Average: Cod. 18685; Long Cod. 20619; Torx Screw T6 1.4x2.0 Cod. 30129; T6 Torx Key Cod. 30129; Screw Coif Work Cod. 24686; Hexagonal Key No 7 – 1.17 mm

- **For implants of 5 mm and 6 mm in length, Micro Conical components should not be used**.
APPLICATION
- Individual spherical component, with different strap heights for overdentures (over dentures);
- Solid pillar, single body;
- Also suitable for patients with hygiene difficulties;
- Needs parallelism;
- Not used as a unitary element;
- Installation: Hexagonal O’Ring Key No. 2 - 2.5 mm;
- Installation torque: 25 Ncm.

PACKAGING COMPOSITION
- O’Ring component;
- Standard Metal Capsule (with rubber);
- Plastic Ring;
- Plastic Capsule.

APPLICATION SEQUENCE

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>HEALER</th>
<th>TRANSFER</th>
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<td>CM AR For implants from 7 to 17 mm Cod. 31509</td>
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For implants of 5 mm and 6 mm in length, do not apply O’Ring components.

CM COMPONENTS

OVERDENTURE PROSTHESIS

APPLICATION
- Clip-like plastic component that adapts to the bar for overdentures. Used as a retention system in which the implants are joined by a metal bar.
- Cast in the laboratory on bars with the ideal parallelogram, in the correction of divergent implants.
- Not used as a unitary element.

Description

- Castable O’Ring for Positioning 19088
- O’Ring Titanium Capsule 18920
- Titanium O’ring Microcapsule 19316
- O’Ring Washer – Spacer Ring 19668
- O’ring Plastic Capsule 20039
- O’ring rubber 10733
- Microcapsule Rubber 19095

APPLICATION
- Clip-like plastic component that adapts to the bar for overdentures. Used as a retention system in which the implants are joined by a metal bar;
- It can also be used in conjunction with a calcinable O’Ring (Mixed System);
- Suitable for mandible and maxilla.

Clip Bar • Set

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<tr>
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<td>Clip 35°</td>
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<td>Clip 70°</td>
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</tbody>
</table>

Check usage guidelines.

31
Now you can also consult our products through the Implant Mais App.

Download it right now.
FEATURES
- Conical implant with External Hexagon socket;
- Healing chambers built into your macrogeometry;
- Accelerates and improves osseointegration;
- Low bone tissue compression during implant insertion;
- Increases osteotomy diameter;
- Improves the quality of newly formed bone tissue;
- Surface treated with alternate blasting and acid etching;
- Indication for single cases and safety for rehabilitation of multiple implants.
- The Maestro HE 3.5 implants use the same line of components as the External Hexagon 3.5 platform implants;
- The Maestro HE 4.0 and HE Switch 5.0 implants use the same line of components as the External Hexagon implant of platform 4.0;
- Wide range of prosthetic components for cemented, screwed or overdenture-type prostheses;
- Accompanies cover;
- Cover installation: Hexagonal key No 7 – 1.17 mm;
- Bone level installation;
- Drilling rotation: 600 rpm;
- Installation rotation: 20 rpm;
- Suggested Installation Torque 25 Ncm for Early Load;
- Suggested installation torque 35 Ncm for Immediate Load.

REFERENCES:

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KEY TO COVER INSTALLATION

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<td>Middle Key</td>
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COVER / IMPLANT COVER

| 3.5 | 204194 |
| 4.0 / 5.0 | 24976 |
## DRILL SEQUENCE

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<th>FC</th>
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LH - Helical Lance Drill | FC - Conical End Drill | ES - Countersink/osseodensifier

## BONE DENSITY

**TYPE I**

**TYPE II**

**TYPE III**

**TYPE IV**

## INDICATIONS FOR USE AND APPLICATION EARLY LOADING

**Parameters**

- Cortical bone Quality; Classification Type I / II; Adequate bone quantity; Length ≥ 9 mm.
  - Minimum time: 4–6 weeks.
- Medullary bone Quality; Classification Type III; Adequate bone quantity; Length ≥ 9 mm.
  - Minimum time: 7–8 weeks.
- Medullary bone Quality; Classification Type IV; Adequate bone quantity; Length ≥ 9 mm.
  - Minimum time: 12 weeks.
- When there is no contact between implant and bone, most techniques should be performed to facilitate reconstruction. Term determined according to the sum of the applied techniques.

## IMMEDIATE LOAD APPLICATION

- Torque: 35 Ncm minimum. Finalization after osseointegration. Minimum time: 12 weeks.
- Torque: 60 Ncm maximum.

## TECHNICAL DATA
FEATURES

- Conical implant with external hexagonal socket;
- Indicated for immediate or late rehabilitation;
- For single cases and safety for rehabilitation of multiple implants;
- Allows installation in any bone density: type I, II, III and IV;
- Surface treated with alternate blasting and acid etching;
- Revolutionary design of trapezoidal threads accelerates bone condensation, thanks to the perfect combination of implant taper and coil shape;
- Micro spirals (0.25 mm) that improve your cervical adaptation;
- Can be installed with ratchet (manual) or contra-angle (motor);
- Accompanies cover;
- Cover installation: Hexagonal key No 7 – 1.17 mm;
- Drilling rotation: 800-1,200;
- Installation rotation: 20 rpm;
- Suggested installation torque up to 60 Ncm.

KEYS INSTALLATION

CODES

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SPECIFICATION

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KEY TO COVER INSTALLATION

Hexagonal Key No 7 - 1.17 mm

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COVER / IMPLANT COVER

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*Indication of bone application according to the Lekholm and Zarb Classification.
**To prepare the bed for conical implants - you must use the milling drill corresponding to the length of the planned implant, respecting the sequence illustrated according to the bone type.
CONICAL HE

**Bone Type**

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LH - Helical Lance Drill | FC - Conical End Drill | ES - Countersink/osseodensifier

**Bone Density**

**Type I**

**Type II**

**Type III**

**Type IV**

**Technical Data**

**Implant Length**

<table>
<thead>
<tr>
<th>Implant Length</th>
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2022 CATALOG
FEATURES
- Conical implant with external hexagonal socket;
- Indicated for late rehabilitation;
- Indicated for upper and lower posterior regions;
- Security for rehabilitation in multiple cases;
- For the use of Short ST implants (5 mm / 6 mm) you should always analyze the implant crown relationship.
- Surface treated with alternate blasting and acid etching;
- Fully tapered body, providing better balance between bone and implant design;
- Allows installation in any bone density: type I, II, III and IV.*
- Use ST component;
- Accompanies cover;
- Cover installation. Hexagonal key No 7 - 1.17 mm;
- Installation rotation: 200 - 300;
- Suggested installation torque up to 60 Ncm.

CODES

<table>
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SPECIFICATION

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<th>5/6 mm**</th>
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<tr>
<td>Hexagon Height</td>
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<tr>
<td>Internal Thread</td>
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<tr>
<td>Components</td>
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INSTALLATION KEY

For implants Ø 4.0 Ø 5.0.

<table>
<thead>
<tr>
<th>Ratchet Ø 4.0</th>
<th>Engine Ø 4.0</th>
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</thead>
<tbody>
<tr>
<td>Short</td>
<td>Average</td>
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<tr>
<td>23748</td>
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<tr>
<td>24615</td>
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</tbody>
</table>

KEY TO COVER INSTALLATION

Hexagonal Key No 7 - 1.17 mm
- Short Key: 19.3 mm 20626
- Middle Key: 23 mm 18685
- Long Key: 28 mm 20619

COVER / IMPLANT COVER

For implants Ø 4.0 Ø 5.0.

*Indication of bone application according to the Lekholm and Zarb Classification.
**For implants with Ø 4.0 / Ø 5.0 mm and lengths 5 mm / 6 mm the internal thread is 2.0 mm, however, its screw is specific due to its different length. For this implant, use components from the ST Line (ST - Short/Short).
***To prepare the bed for tapered implants - you must use the milling drill corresponding to the length of the planned implant, respecting the illustrated sequence according to bone type.
## Technical Data

### Drill Sequence

<table>
<thead>
<tr>
<th>Bone Type</th>
<th>Implant Ø Diameter</th>
<th>FL Ø 2.0</th>
<th>FC Ø 3.5</th>
<th>FC Ø 4.0</th>
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**FL** - Spear Drill | **FC** - Conical Drill

### Bone Density

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<th>Ø 4.0</th>
<th>Ø 5.0</th>
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<tr>
<td>IV</td>
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### Technical Data

- 5 mm Implant length

---

*2022 Catalog*
FEATURES
- Cylindrical implant with external hexagonal socket;
- Indicated for immediate or late rehabilitation;
- For rehabilitation in single/multiple cases;
- Allows installation in any bone density: type I, II, III and IV;*
- Surface treated with alternate blasting and acid etching;
- Its conical apex associated with the triangular threads facilitates its installation;
- Can be installed with ratchet (manual) or contra-angle (motor);
- Accompanies cover;
- Cover installation: Hexagonal key No 7 – 1.17 mm;
- Drilling rotation: 800–1,200;
- Installation rotation: 20 rpm;
- Suggested installation torque up to 60 Ncm.

CODES

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<tr>
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For implants Ø 3.3.

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For implants Ø 3.75, Ø 4.0 and Ø 4.75.

SPECIFICATION

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KEY TO COVER INSTALLATION

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COVER / IMPLANT COVER

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*Indication of bone application according to the Lekholm and Zarb Classification.
DRILL SEQUENCE

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<th>CS Ø 3.3</th>
<th>FL Ø 3.25</th>
<th>MR Ø 3.75</th>
<th>CS Ø 3.75</th>
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</tbody>
</table>

LH - Helical Lance Mill | FH - Helical End Mill | FR - Mill | MR - Male Thread | CS - Countersink
▲ Optionally, you must analyze the bone density to use the instruments. Type I Bone indication.

BONE DENSITY

TECHNICAL DATA
**HEALER**

**FEATURES**
- The healer aims to remodel the gingival tissue, preparing it for the finalization of the case and the prosthetic application of the component on the implant;
- The estimated time to reach the remodeling objective is 7 to 30 days;
- Installation: Hexagonal key No 7 – 1.17mm.

**ANALOG TRANSFER**

Applied over the implant to transfer the position of the implant to reproduce the laboratory model for making the prosthesis.
- Open Tray Transfer Installation: Hexagonal key No 7 – 1.17 mm;
- Closed Transfer Tray Installation: Friction Key No3.

**DIGITAL TRANSFER**

The transfer HE is used to copy the position of the implant in the dental arch by intraoral scanning or plaster model scanning. On this model, we can select the intermediate abutment and make the prosthesis digitally, and this element on the intermediate abutment can be milled or printed. In this way the pillar must be indexed (HE).
- Digital Transfer Installation: Hexagonal key No 7 – 1.17mm.

**ANALOG TRANSFER ST**

Applied over the implant to transfer the position of the ST implant (5mm / 6mm) to reproduce the laboratory model for making the prosthesis.
- Open Transfer Tray Installation: Hexagonal key No 7 – 1.17 mm;
- Closed Transfer Tray Installation: Friction Key No3.

**ANALOGUE D/G - HYBRID**

Used in laboratory model. The analog can be applied to conventional implants (7 mm / 15 mm) and ST implant (5 mm / 6 mm).

The External Hexagon Component Selection must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 implants Ø 4.0 will be Ø 4.0 (Ø 4.1 Branemark) and Ø 4.75 and Ø 5.0 will be Ø 5.0. As shown in the table.

*For HE Implants Ø 3.3 and Ø 3.5 manufactured before Oct 2015 special component with 1.6 mm screw. New line Ø 3.3 and Ø 3.5 with 1.8 mm screw.*
**APPLICATION SEQUENCE**

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>HEALER</th>
<th>TRANSFER</th>
<th>ANALOG D/G</th>
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<tbody>
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<td>For implants from 7 to 15 mm</td>
<td>ANALOG Open tray</td>
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<td>CM</td>
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<td>Closed Tray</td>
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<td>5/6 mm</td>
<td>For implants from 7 to 6 mm</td>
<td>DIGITAL Digital Transfer</td>
<td>For implants from 7 to 15 mm</td>
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<tr>
<td></td>
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</tbody>
</table>

The component must be selected according to the diameter of the implant applied.

**PROSTHETIC PLATFORM**

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<thead>
<tr>
<th>Implant 7 to 15 mm</th>
<th>Platform</th>
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<table>
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<th>Implant 5 to 6 mm</th>
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<td>Ø 4.0 ST</td>
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<td>Ø 5.0 ST</td>
<td>Ø 5.0 ST</td>
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</tbody>
</table>

AR – Anti-Rotational | R – Rotational | ST – 5/6 mm implants | D/G – Digital or Plaster

The External Hexagon Component Selection must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants it will be Ø 3.5. For Ø 3.75 for implants, Ø 4.0 will be Ø 4.0 (Ø 4.1 Branemark) and Ø 4.75 and Ø 5.0 will be Ø 5.0. As shown in the table “Prosthetic Platform” pg 45.

*For HE Implants Ø 3.3 and Ø 3.5 manufactured before Oct 2015 special component with 1.6 mm screw. New line Ø 3.3 and Ø 3.5 with 1.8 mm screw.*
APPLICATION

- Indication for unitary cases;
- Base T Pillars are prosthetic components used for CAD/CAM systems. They allow the execution of customized ceramic pillars for a wide range of individualized solutions;
- The Base T line also features the Scancorp system, which offers superior surface quality and a unique geometry for high-precision scanning results. Scancorp is used in conjunction with Base T pillars;
- Base T Installation: Hexagonal key No 7 – 1.17 mm;
- Installation torque: 20 Ncm;
- For component selection in the software and work block selection, use the following codes:
  - 3.5 – Small FX 3.4;
  - 4.0 – Large AT OS 3.5/4.0.

**APPLICATION OF SEQUENCE** - Chair Side - Clinic-Unitary

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>HEALER / TEMPORARY</th>
<th>COMPONENT</th>
<th>INSTALLATION</th>
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<th>SCANNING</th>
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<tbody>
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<td>[Image]</td>
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**APPLICATION SEQUENCE** - Inlab - Laboratorial

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<th>ANALOG D/G</th>
<th>COMPONENT</th>
<th>INSTALLATION</th>
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</tbody>
</table>

For implants from 7 mm to 15 mm.

The External Hexagon Component Selection must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 implants Ø 4.0 will be Ø 4.0 (Ø 4.1 Branemark). As shown in the table “Prosthetic Platform” pg. 43.

*For HE implants Ø 3.3 and Ø 3.5 manufactured before Oct 2015 special component with 1.6 mm screw. New line Ø 3.3 and Ø 3.5 with 1.8 mm screw.
APPLICATION SEQUENCE – Intraoral Scanning

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>HEALER / TEMPORARY</th>
<th>DIGITAL TRANSFER</th>
<th>INSTALLATION</th>
<th>ANALOG D/G</th>
<th>COMPONENT</th>
<th>INSTALLATION</th>
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<tbody>
<tr>
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<td>Healer</td>
<td>Transfer Digital HE</td>
<td>Hexagonal Key No 7 – 117 mm</td>
<td>Analog HE</td>
<td>T Base</td>
<td>20 Ncm</td>
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IMPLANT HE

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<th>HE Ø 3.5 AR</th>
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<td>HE Ø 4.0 AR</td>
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<td>HE Ø 5.0 AR</td>
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APPLICATION SEQUENCE – Extraoral Scanning

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<th>TRANSFER ANALOG</th>
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<th>COMPONENT</th>
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IMPLANT HE

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</thead>
<tbody>
<tr>
<td>T base Ø 4.5</td>
<td>31784</td>
<td></td>
</tr>
</tbody>
</table>

HE COMPONENTS

Strap Ø 3.5 Ø 4.0

- 1 mm 24512 245180
- 2 mm 24514 24520
- 3 mm 24516 24522

Height 4.6 mm 4.6 mm

Divergence Ø 4.0 Ø 4.0

Description Small Large

For implants from 7 mm to 15 mm

APPLICATION

- Indication for unitary cases;
- Base T Abutments are prosthetic components used for CAD/CAM systems. They allow the execution of customized ceramic pillars for a wide range of individualized solutions;
- The Base T line also has the Digital Transfer system for implants or the Digital Transfer Base T to copy Base T, which offers superior surface quality and a unique geometry for scanning results high precision;
- Base T installation: Hexagonal key No 7 – 117 mm;
- Installation torque: 20 Ncm;
- For use in Exocad® perform o download in our website.

AR – Anti-Rotational | D/G – Digital or Plaster.

The External Hexagon Component Selection must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 implants, Ø 4.0 will be Ø 4.0 (Ø 4.1 Branemark) As shown in the table “Prosthetic Platform” pg. 43.

*For HE implants Ø 3.3 and Ø 3.5 manufactured before Oct 2015 special component with 1.6 mm screw. New line Ø 3.3 and Ø 3.5 with 1.8 mm screw.
**APPLICATION**

- Indication for unitary cases.
- Digital pillars are prosthetic components used for CAD/CAM systems. The Digital Pillar was specially created to facilitate the milling system, its 3-channel anti-rotation system can be created on most drilling machines simply and effectively. They allow the execution of customized ceramic pillars for a wide range of individualized solutions.
- The Digital Pillar range also features the Digital Transfer system for implant or the Digital Transfer Abutment Digital to copy the Digital Pillar, which offers superior surface quality and a unique geometry for high-precision scanning results.
- Digital Pillar Installation. Hexagonal key No 7 – 1.17 mm.
- Installation torque, 20 Ncm.
- For use in Exocad® perform a download on our website.

### IMPLANT HEALER / TEMPORARY DIGITAL TRANSFER IMPLANT HE

<table>
<thead>
<tr>
<th>Strap</th>
<th>Ø 3.5</th>
<th>Ø 4.0</th>
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<tbody>
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<td>1 mm</td>
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<td>31667</td>
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<tr>
<td>2 mm</td>
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<tr>
<td>3 mm</td>
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**DIGITAL TRANSFER DIGITAL PILLAR**

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<th>31773</th>
<th>31775</th>
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<tbody>
<tr>
<td>Hexagonal Key No 7 – 117 mm Short</td>
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<tr>
<td>Average</td>
<td>Cod. 18685</td>
<td></td>
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</tr>
<tr>
<td>Long</td>
<td>Cod. 20619</td>
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<tr>
<td>Digital Pillar Ø 3.8 31737</td>
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<tr>
<td>Digital Pillar Ø 4.5 31739</td>
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**APPLICATION SEQUENCE – Intraoral Scanning**

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>HEALER / TEMPORARY</th>
<th>DIGITAL TRANSFER</th>
<th>INSTALLATION</th>
<th>ANALOG D/G</th>
<th>COMPONENT</th>
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<tbody>
<tr>
<td>Cylindrical</td>
<td>Healer</td>
<td>Digital Transfer</td>
<td>Hexagonal Key No 7 – 117 mm Short</td>
<td>Analog HE</td>
<td>Digital Pillar</td>
<td>20 Ncm</td>
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**APPLICATION SEQUENCE – Extraoral Scanning**

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>HEALER / TEMPORARY</th>
<th>TRANSFER ANALOG</th>
<th>ANALOG D/G</th>
<th>DIGITAL TRANSFER</th>
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<td>Digital Transfer</td>
<td>Analog HE</td>
<td>Transfer Digital HE</td>
<td>Digital Pillar</td>
<td>20 Ncm</td>
</tr>
</tbody>
</table>

The External Hexagon Component Selection must follow the same platform as the installed implant. For Ø 3.5 and Ø 3.5 implants it will be Ø 3.5. For Ø 3.75 implants Ø 4.0 will be Ø 4.0 (Ø 4.1 Branemark). As shown in the table “Prosthetic Platform” pg 43.

*For HE implants Ø 3.5 and Ø 3.5 manufactured before Oct 2015 special component with 1.6 mm screw. New line Ø 3.5 with 1.8 mm screw.
HE COMPONENTS

HE Strap
Component diameter Ø 4.8 mm.

HE Plastic Coifs and Titanium Coifs come with 1.17 mm Hexagonal Screws. On Torx Screws, the purchase is additional.

*For HE Implants Ø 3.3 and Ø 3.5 manufactured before Oct 2015 special component with 1.6 mm screw. New line Ø 3.3 and Ø 3.5 with 1.8 mm screw.

Ø 4.0 will be Ø 4.0 (Ø 4.1 Branemark) and Ø 4.75 and Ø 5.0 will be Ø 5.0. As shown in the table “Prosthetic Platform” pg. 43.

The External Hexagon Component Selection must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 implants, Ø 4.0 will be Ø 4.0 (Ø 4.1 Branemark) and Ø 4.75 and Ø 5.0 will be Ø 5.0. As shown in the table “Prosthetic Platform” pg. 43.

For implants from 7 mm to 15 mm:

Multiple APPLICATION SEQUENCE – Unitary

<table>
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<th>TRANSFER</th>
<th>ANALOG D/G</th>
<th>COIF</th>
<th>COIF INSTALLATION</th>
<th>SPARE</th>
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<tr>
<td>Hexagonal Key</td>
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<td>Short</td>
<td>Cod. 20626</td>
<td>Average</td>
<td>Cod. 18685</td>
<td>Long</td>
<td>Cod. 20619</td>
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<tr>
<td>Angle</td>
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<td>Average</td>
<td>Cod. 18685</td>
<td>Long</td>
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For implants from 5 mm to 6 mm:

Multiple APPLICATION SEQUENCE – Multiple

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<th>ANALOG D/G</th>
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<td>Hexagonal Key</td>
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<td>Average</td>
<td>Cod. 18685</td>
<td>Long</td>
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</table>

AR – Anti-Rotational | R – Rotational | ST – 5/6 mm implants | P – Screws | D/G – Digital or plaster

The External Hexagon Component Selection must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 implants, Ø 4.0 will be Ø 4.0 (Ø 4.1 Branemark) and Ø 4.75 and Ø 5.0 will be Ø 5.0. As shown in the table “Prosthetic Platform” pg. 43.

* For HP implants Ø 3.3 and Ø 3.5 manufactured before Oct 2015 special component with 1.6 mm screw. New line Ø 3.3 and Ø 3.5 with 1.8 mm screw.

Multiple APPLICATION SEQUENCE – Unitary

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<td>Cod. 20619</td>
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For implants from 5 mm to 6 mm:

Multiple APPLICATION SEQUENCE – Multiple

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<td>Long</td>
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</tr>
</tbody>
</table>

2022 CATALOG

AESTHETIC CONICAL SCREWED PROSTHESES
MINI CONICAL SCREWED PROSTHESIS

HE COMPONENTS

APPLICATION
- Indicated for multiple cases,
- Fixed prostheses and protocols in general,
- The 17° or 30° angled component allows for correcting the angulation of the implants,
- The component and accessory assembly requires an approximate interocclusal height of 4.8 mm, also considering the metal-ceramic volume according to prosthetic planning and execution,
- Mini Straight Conical Installation Conical Key/ Aesthetic Mini Conical – No S;
- Installation Mini Angled Conical / Hood / Open Tray Transfer Screw: Hexagonal key No 7 – 11.7 mm;
- Installation Transfer Mini Conical Closed Tray: Friction Key No 3;
- Installation torque: 20 Ncm;
- Coif installation torque: 10 Ncm.

HE

<table>
<thead>
<tr>
<th>Strap</th>
<th>Ø 3.5</th>
<th>Ø 4.0</th>
<th>Ø 5.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mm</td>
<td>204439</td>
<td>2745</td>
<td>2776</td>
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<tr>
<td>2 mm</td>
<td>204453</td>
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<tr>
<td>3 mm</td>
<td>204477</td>
<td>2769</td>
<td>2790</td>
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</table>

*For implants from 7 mm to 13 mm. Component diameter Ø 4.8 mm.

HE ANGLED

<table>
<thead>
<tr>
<th>Strap</th>
<th>Ø 3.5</th>
<th>Ø 4.0</th>
<th>Ø 5.0</th>
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<tbody>
<tr>
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<td>204392</td>
<td>20503</td>
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<td>30°</td>
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*For implants from 7 mm to 15 mm. Component diameter Ø 4.8 mm.

HE ST

<table>
<thead>
<tr>
<th>Strap</th>
<th>Ø 4.0</th>
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</thead>
<tbody>
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<td>1 mm</td>
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<td>2 mm</td>
<td>214018</td>
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<td>3 mm</td>
<td>213998</td>
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*For implants from 5 mm to 6 mm. Component diameter Ø 4.8 mm.

APPLICATION SEQUENCE

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<tr>
<th>TYPE</th>
<th>INSTALLATION</th>
<th>HEALER / TEMPORARY</th>
<th>ANALOG TRANSFER</th>
<th>DIGITAL TRANSFER</th>
<th>ANALOG D/G</th>
<th>COIF</th>
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<td>Cap of Healing Cod. 18548</td>
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<td>Cof Chrom Base Rotational (Analog Lab) Cod. 27634</td>
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R – Rotational (ST – 5/6 mm implants / D/C – Digital or Plaster.

The External Hexagon Component Selection must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 implants Ø 4.0 will be Ø 4.0 (Ø 4.1 Branemark) and Ø 4.75 will be Ø 5.0. As shown in the table “Prosthetic Platform” pg. 43.

*For HE implants Ø 3.3 and Ø 3.5 manufactured before Oct 2015 special component with 1.6 mm screw. New line Ø 3.3 and Ø 3.5 with 1.8 mm screw.
Plastic Coifs and Titanium Coifs come with 1.17 mm Hexagonal Screws. On Torx Screws, the purchase is additional.

The External Hexagon Component Selection must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 implants Ø 4.0 will be Ø 4.0 (Ø 4.1 Branemark) and Ø 4.75 will be Ø 5.0. As shown in the table “Prosthetic Platform” pg. 43.

*For HE implants Ø 3.3 and Ø 3.5 manufactured before Oct 2015 special component with 1.6 mm screw. New line Ø 3.3 and Ø 3.5 with 1.8 mm screw.
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The External Hexagon Component Selection must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 implants Ø 4.0 will be Ø 4.0 (Ø 4.1 Branemark) and Ø 4.75 will be Ø 5.0. As shown in the table “Prosthetic Platform” pg. 43.

*For HE implants Ø 3.3 and Ø 3.5 manufactured before Oct 2015 special component with 1.6 mm screw. New line Ø 3.3 and Ø 3.5 with 1.8 mm screw.
Plastic Coifs and Titanium Coifs come with 1.17 mm Hexagonal Screws. On Torx Screws, the purchase is additional.
**APPLICATION**

- Indicated for multiple cases;
- Fixed prostheses and protocols in general;
- The Mini Conical FIT is a single-body component with a parallel emerging profile. This feature reduces the osteotomy and facilitates installation;
- The component and accessories set requires an approximate interocclusal height of 4.8 mm, and the metal-ceramic volume must also be considered according to prosthetic planning and execution;
- Key for installation Mini Tapered FIT Straight: Aesthetic Conical Key/ Mini Conical – No 5;
- Installation Coif/Open Tray Transfer Screw: Hexagonal key No 7 – 1.17 mm;
- Installation Transfer Mini Conical Closed Tray: Friction Key No 3;
- Installation torque: 20 Ncm;
- Coif installation torque: 10 Ncm.

**APPLICATION SEQUENCE**

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<td>Healer</td>
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</table>

20 Ncm | 10 Ncm

The External Hexagon Component Selection must follow the same platform as the installed implant. For Ø 3.75 implants, Ø 4.0 will be Ø 4.0 (Ø 4.1 Branemark) As shown in the table "Prosthetic Platform" pg. 43.

Plastic Coifs and Titanium Coifs come with 117 mm Hexagonal Screws. On Torx Screws, the purchase is additional.

HE COMPONENTS

MINI CONICAL FIT
SCREWED PROSTHESIS

HE

<table>
<thead>
<tr>
<th>Strap</th>
<th>Ø 4.0</th>
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<td>1 mm</td>
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<td>2 mm</td>
<td>226400</td>
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<td>4 mm</td>
<td>226424</td>
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<tr>
<td>5 mm</td>
<td>226431</td>
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For implants from 7 mm to 15 mm Component diameter Ø 4.8 mm

2022 CATALOG
**UCLA CHROME BASE**

**CEMENTED/SCREWED PROSTHESIS**

**APPLICATION**
- For implants from 7 mm to 15 mm.
- Anti-Rotational (AR) or Rotational (R).
- Castable component based on cobalt chromium, used for casting, also known as plastic coping with metal base. The characteristics and application are similar to the plastic UCLAS, however, the pre-machined cobalt chrome base has a superior adaptation standard to the components totally dependent on casting.
- Best indication for making custom pillars.
- Versatile component, which can be cemented or screwed, applied to overdenture, protocol and single/multiple elements.
- Comes with definitive screw.
- Open Tray Transfer installation. Hexagonal key No 7 – 1.77 mm.
- Closed Transfer Tray Installation. Friction Key No 3.
- Installation: Square Key No 4 – 1.3 mm.
- Installation torque: 30 Ncm.

**HE COMPONENTS**

**CHROME BASE HE**

<table>
<thead>
<tr>
<th>AR</th>
<th>R</th>
<th>Ø 3.5</th>
<th>Ø 4.0</th>
<th>Ø 5.0</th>
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<td>17657</td>
<td>20510</td>
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<td>Rotational</td>
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<td>17664</td>
<td>17671</td>
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</table>

For implants from 7 mm to 15 mm.

**CHROME BASE HE ST**

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<tr>
<th>AR</th>
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<th>Ø 4.0</th>
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</thead>
<tbody>
<tr>
<td>Anti-rotational</td>
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<tr>
<td>Rotational</td>
<td>214384</td>
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</table>

For implants from 5 mm to 6 mm.

**APPLICATION SEQUENCE**

**IMPLANT**
- Cylindrical Healer / Temporary
- Conical 5/6 mm ST Healer

**HEALER / TEMPORARY**
- UCLA Titanium AR/R (Provisional)
- Ucla Titanium ST AR/R (Provisional)

**ANALOG TRANSFER**
- Open Tray Transfer
- Closed Tray Transfer

**ANALOG D/G**
- Unitary Anti-rotational

**COMPONENT INSTALLATION**
- Hexagonal key No 7 – 1.17 mm
- Friction Key No 3
- Square Key No 4 – 1.3 mm
- Installation torque: 30 Ncm.

**DEFINITIVE SCREW**

<table>
<thead>
<tr>
<th>M</th>
<th>Ø 3.5</th>
<th>Ø 4.0 ST</th>
<th>Ø 4.0/Ø 5.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.6</td>
<td>15080</td>
<td>–</td>
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<td>1.8</td>
<td>229961</td>
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**WORKING SCREW**

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<tr>
<th>M</th>
<th>Ø 3.5</th>
<th>Ø 4.0 ST</th>
<th>Ø 4.0/Ø 5.0</th>
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<tbody>
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<td>4817</td>
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<td>1.8</td>
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<td>2.0</td>
<td>–</td>
<td>21178</td>
<td>27528</td>
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</table>

The External Hexagon Component Selection must follow the same platform as the installed implant. For Ø 3.5 and Ø 3.5 implants it will be Ø 4.0. For Ø 3.75 implants Ø 4.0 will be Ø 4.0 (Ø 4.1 Branemark) and Ø 4.75 and Ø 5.0 will be Ø 5.0. As shown in the table “Prosthetic Platform” pg 43.

*For HE implants Ø 3.5 and Ø 3.5 manufactured before Oct 2015 special component with 1.6 mm screw. New line Ø 3.5 and Ø 3.5 with 1.8 mm screw.*
PLASTIC UCLACEMENTED/SCREWED PROSTHESIS

**APPLICATION SEQUENCE**

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<td>Open Tray Transfer</td>
<td>Analog HE</td>
<td>Unitary Anti-rotational</td>
<td>30 Ncm</td>
</tr>
<tr>
<td></td>
<td>UCLA Titanium AR/R (Provisional)</td>
<td>Closed Tray Transfer</td>
<td>Analog HE</td>
<td>Multiple Rotational</td>
<td>30 Ncm</td>
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<tr>
<td>Conical 5/6 mm ST</td>
<td>ST Healers</td>
<td>Open Tray Transfer ST</td>
<td>Analog HE</td>
<td>Unitary Anti-rotational ST</td>
<td>30 Ncm</td>
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<td>Closed Tray Transfer ST</td>
<td>Analog HE</td>
<td>Multiple Rotational ST</td>
<td>30 Ncm</td>
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**DEFINITIVE SCREW**

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<thead>
<tr>
<th>M</th>
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<th>Ø 4.0/Ø 5.0</th>
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**WORKING SCREW**

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The External Hexagon Component Selection must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants it will be Ø 3.5. For Ø 3.75 for implants, Ø 4.0 will be Ø 4.0 (Ø 4.1 Branemark) and Ø 4.75 and Ø 5.0 will be Ø 5.0. As shown in the table "Prosthetic Platform" pg. 45.

*For HE implants Ø 3.3 and Ø 3.5 manufactured before Oct 2015 special component with 1.6 mm screw. New line Ø 3.3 and Ø 3.5 with 1.8 mm screw.

**APPLICATION**

- Indicated for unitary/multiple;
- Anti-Rotational (AR) or Rotational (R);
- Castable component, used for casting, also known as plastic coping, which fits directly over the laboratory model to be waxed in the ideal position and cast, becoming a pillar or customized metallic structure. After this step, it will be applied on the implant;
- Best indication for making custom pillars;
- Versatile component, which can be cemented or screwed, applied to overdenture, protocol and single/multiple elements;
- Comes with definitive screw;
- Open Tray Transfer installation, Hexagonal Key No 7 – 117 mm;
- Closed Transfer Tray Installation, Friction Key No 4 – 1.3 mm;
- Installation torque: 30 Ncm.

**DETAILED SPECIFICATIONS**

- **HE COMPONENTS**
  - **PLASTIC HE**
    - AR | R
    - Ø 3.5 | Ø 4.0 | Ø 5.0
    - Anti-rotational: 203509 22996 23016
    - Rotational: 204989 23009 23023
    - For implants from 7 mm to 15 mm.
  - **PLASTIC HE ST**
    - AR | R
    - Ø 4.0
    - Anti-rotational: 21432
    - Rotational: 214315
    - For implants from 5 mm to 6 mm.

*For HE implants Ø 3.3 and Ø 3.5 manufactured before Oct 2015 special component with 1.6 mm screw. New line Ø 3.3 and Ø 3.5 with 1.8 mm screw.*
APPLICATION

- Indicado para casos unitários/múltiplos;
- Anti-Rotational (AR) or Rotational (R);
- Component in titanium, used for making provisional elements and applied directly on the implant;
- Can be customized;
- Comes with definitive screw;
- Open Tray Transfer installation: Hexagonal key No 7 – 1.17 mm;
- Closed Transfer Tray Installation: Friction Key No 5;
- Key for installation: Square key No 4 - 1.3 mm.
- Installation torque: 30 Ncm.

APPLICATION SEQUENCE

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TITANIUM HE

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TITANIUM HE ST

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Cylindrical

- Unitary Anti-rotational
- Multiple rotational
- Unit ST Anti-rotational
- Multiple ST rotational

Conical 5/6 mm ST

- Unitary Anti-rotational
- Multiple rotational
- Unit ST Anti-rotational
- Multiple ST rotational

The External Hexagon Component Selection must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 for implants Ø 4.0 will be Ø 4.0 (Ø 4.1 Branemark) and Ø 4.75 and Ø 5.0 will be Ø 5.0. As shown in the table “Prosthetic Platform” pg 43.

For HE implants Ø 3.5 and Ø 3.5 manufactured before Oct 2015 special component with 1.6 mm screw. New line Ø 3.3 and Ø 3.5 with 1.8 mm screw

DEFINITIVE SCREW

<table>
<thead>
<tr>
<th>Ø Diameter</th>
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WORKING SCREW

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The External Hexagon Component Selection must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 for implants Ø 4.0 will be Ø 4.0 (Ø 4.1 Branemark) and Ø 4.75 and Ø 5.0 will be Ø 5.0. As shown in the table “Prosthetic Platform” pg 43.

For HE implants Ø 3.5 and Ø 3.5 manufactured before Oct 2015 special component with 1.6 mm screw. New line Ø 3.3 and Ø 3.5 with 1.8 mm screw.

APPLICATION

- Indicado para casos unitários/múltiplos;
- Anti-Rotational (AR) or Rotational (R);
- Component in titanium, used for making provisional elements and applied directly on the implant;
- Can be customized;
- Comes with definitive screw;
- Open Tray Transfer installation: Hexagonal key No 7 – 1.17 mm;
- Closed Transfer Tray Installation: Friction Key No 5;
- Key for installation: Square key No 4 - 1.3 mm.
- Installation torque: 30 Ncm.
### HE COMPONENTS

#### SCREW

**CEMETED PROSTHESIS**

---

**ANTI-ROTATIONAL STRAIGHT**

**APPLICATION**
- Indicated for single/multiple units.
- Anti-Rotational Component (AR).
- They are extremely versatile pillars that can be customized in the office or laboratory and adapted according to your planning.
- Perfect adaptation for being a machined component.
- Component used in single/multiple elements.
- There may be loss of aesthetics, due to the ‘shoulder’ formed to achieve the proper angulation.
- Need for a good amount of soft tissue to gain aesthetics, due to the shoulder.
- Comes with definitive screw.
- Installation: Square Key No 4 – 1.3 mm.
- Installation torque: 30 Ncm.

**HE ST**

**APPLICATION**
- Indicated for single/multiple cases.
- Anti-Rotational Component (AR).
- Allows rehabilitation of implants with an unfavorable position, promoting parallelism.
- Perfect adaptation for being a machined component.
- Component used in single/multiple elements.
- There may be loss of aesthetics, due to the ‘shoulder’ formed to achieve the proper angulation.
- Need for a good amount of soft tissue to gain aesthetics, due to the shoulder.
- Comes with definitive screw.
- Installation: Hexagonal key No 7 – 1.17 mm.
- Installation torque: 20 Ncm.

---

### APPLICATION SEQUENCE

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>HEALER / TEMPORARY</th>
<th>ANALOG D/G</th>
<th>COMPONENT</th>
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<tr>
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<td>Straight Anti-rotational</td>
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<td>Closed Tray Transfer ST</td>
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**HE ST**

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<th>COMPONENT</th>
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</tr>
</tbody>
</table>

**APPLICATION**
- Indicated for single/multiple units.
- Anti-Rotational Component (AR).
- Perfect adaptation for being a machined component.
- Component used in single/multiple elements.
- There may be loss of aesthetics, due to the ‘shoulder’ formed to achieve the proper angulation.
- Need for a good amount of soft tissue to gain aesthetics, due to the shoulder.
- Comes with definitive screw.
- Installation: Hexagonal key No 7 – 1.17 mm.
- Installation torque: 20 Ncm.

---

The External Hexagon Component Selection must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 implants, Ø 4.0 will be Ø 4.0 (Ø 4.1 Branemark) and Ø 4.75 and Ø 5.0 will be Ø 5.0. As shown in the table ‘Prosthetic Platform’ pg 45.

*For HE implants Ø 3.3 and Ø 3.5 manufactured before Oct 2015 special component with 1.6 mm screw. New line Ø 3.3 and Ø 3.5 with 1.8 mm screw.

---

**DEFINITIVE SCREW STRAIGHT SCREW**

<table>
<thead>
<tr>
<th>M</th>
<th>Ø 3.5</th>
<th>Ø 4.0 ST</th>
<th>Ø 4.0/Ø 5.0</th>
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<td>16</td>
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<td>20</td>
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<td>21178</td>
<td>229982</td>
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**WORKING SCREW**

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<thead>
<tr>
<th>M</th>
<th>Ø 3.5</th>
<th>Ø 4.0 ST</th>
<th>Ø 4.0/Ø 5.0</th>
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<tbody>
<tr>
<td>16</td>
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<td>27328</td>
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**APPLICATION SEQUENCE**

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>HEALER / TEMPORARY</th>
<th>TRANSFER ANALOG D/G</th>
<th>COMPONENT</th>
<th>INSTALLATION</th>
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</thead>
<tbody>
<tr>
<td>Cylindrical</td>
<td>Healing</td>
<td>Open Tray Transfer</td>
<td>Analog HE</td>
<td>Anti-rotational Straight 30 Ncm</td>
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<tr>
<td>CM</td>
<td>UCLA Titanium AR/R (Provisional)</td>
<td>Open Tray Transfer</td>
<td>Analog HE</td>
<td>Anti-rotational Straight 30 Ncm</td>
</tr>
</tbody>
</table>

**APPLICATION**

- Indicated for cases unitary/multiple.
- Anti-rotational (AR).
- Pillars with differentiated belts, with which the professional can promote the preparation of the component preserving the thickness of the soft tissue, creating a personalized and safe profile, achieving aesthetic and biological gains.
- They are extremely versatile pillars that can be customized in the office or laboratory and adapted according to your planning.
- Perfect adaptation for being a machined component.
- In cases of multiple prostheses, parallelism is required.
- Comes with definitive screw.
- Installation Angled Aesthetic Conical / Coif / Open Tray Transfer Screw: Hexagonal key No 7 – 1.17 mm.
- Installation Aesthetic Conical Transfer Closed Tray: Friction Key No 3.
- Installation: Square Key No 4 – 1.3 mm.
- Installation torque: 30 Ncm.

**CM**

- For implants from 7 mm to 15 mm.

**DEFINITIVE SCREW**

<table>
<thead>
<tr>
<th>M Ø 4.0</th>
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**ANALOG D/G**

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<tr>
<td>4978</td>
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<td>4356</td>
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</table>

The External Hexagon Component Selection must follow the same platform as the installed implant. For Ø 3.75 implants, Ø 4.0 will be Ø 4.0 (Ø 4.1 Branemark). As shown in the table "Prosthetic Platform" pg. 43.
APPLICATION

- Individual spherical component, with different strap heights for overdentures (over dentures);
- Solid pillar, single body;
- Also suitable for patients with hygiene difficulties;
- Needs parallelism;
- Not used as a unitary element;
- Installation: Hexagonal O’ring Key no 2 – 2.5 mm;
- Installation torque: 25 Ncm.

PACKAGING COMPOSITION

- O’Ring component;
- Standard Metal Capsule (with rubber);
- Plastic Ring;
- Plastic Capsule.

APPLICATION SEQUENCE

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>HEALER</th>
<th>TRANSFER ANALOG</th>
<th>ANALOG D/G</th>
<th>COMPONENT</th>
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<td>Plastic</td>
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</tbody>
</table>

For implants from 7 mm to 15 mm.

The External Hexagon Component Selection must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 implants Ø 4.0 will be Ø 4.0 (Ø 4.1 Branemark) and Ø 4.75 and Ø 5.0 will be Ø 5.0. As shown in the table “Prosthetic Platform” pg. 45.

*For HE implants Ø 3.3 and Ø 3.5 manufactured before Oct 2015 special component with 1.6 mm screw. New line Ø 3.3 and Ø 3.5 with 1.8 mm screw.
**APPLICATION**
- Clip-like plastic component that adapts to the bar for overdentures. Used as a retention system in which the implants are joined by a metal bar;
- Cast in the laboratory on bars with the ideal parallelometer, in the correction of divergent implants;
- Not used as a unitary element.

---

**Description**
- Castable O’Ring for Positioning
- O’Ring Titanium Capsule
- Titanium O’ring Microcapsule
- O’Ring Washer - Spacer Ring
- O’ring Plastic Capsule
- O’ring rubber
- Microcapsule Rubber

---

**APPLICATION**
- Clip-like plastic component that adapts to the bar for overdentures. Used as a retention system in which the implants are joined by a metal bar;
- It can also be used in conjunction with a calcinable O’Ring (Mixed System);
- Suitable for mandible and maxilla.

---

**Clip Bar - Set**
- Cylindrical Bar | Straight Clip | Clip 35° | Clip 70° 18722

**Individualized Components Bar Clip**
- Cylindrical Bar 19941
- Straight clip 19231
- Clip 35° 19217
- Clip 70° 19224

---

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Download it right now.
FEATURES
- Conical implant with internal Hexagon socket;
- Healing chambers built into your macrogeometry\(^1\);\(^2\);
- Accelerates and improves osseointegration\(^1\);\(^3\);
- Low bone tissue compression during implant insertion\(^2\);\(^3\);
- Increases osteotomy diameter\(^2\);\(^3\);
- Improves the quality of newly formed bone tissue;
- Surface treated with alternate blasting and acid etching 4;
- Indication for single cases and safety for rehabilitation of multiple implants;
- The Maestro HI 3.5, HI Switch 4.0 and 5.0 implants use the same line of components as the Internal Hexagon 3.5 platform implants making it a single platform prosthetics;
- Wide range of prosthetic components for cemented, screw-retained or overdenture;
- Accompanies cover;
- Cover installation. Hexagonal key No 7 – 1.17 mm;
- Bone level installation;
- Drilling rotation: 600 rpm;
- Installation rotation: 20 rpm;
- Suggested Installation Torque 25 Ncm for Early Load;
- Suggested installation torque 35 Ncm for Immediate Load.

CODES

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INSTALLATION KEY

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KEY TO COVER INSTALLATION

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<tr>
<td>Middle Key</td>
</tr>
<tr>
<td>Long Key</td>
</tr>
</tbody>
</table>

COVER / IMPLANT COVER

| 3.5 | 200194 |

References:
3. A comparative evaluation between aluminium and titanium dioxide microparticles for blasting the surface titanium dental implants: an experimental study in rabbits. Sergio A. Gehlke, Maria P. Ramírez-Fernandez, José Manuel Granero Marín, Marcos Barboza Salles, Massimo Del Fabbro, José Luis Calvi Cuadrado, Cín Oral Implants Day 2016 Sep 24
**Bone Type** | **Implant Ø Diameter** | **LH Ø 2.0** | **FC Ø 3.0** | **FC Ø 3.5** | **ES Ø 3.5** | **FC Ø 4.0** | **ES Ø 4.0** | **FC Ø 4.5** | **FC Ø 5.0** | **ES Ø 5.0**
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---

**I** | Ø 3.5 | ▲ | ▲ |

**II** | Ø 4.0 | ▲ | ▲ | ▲ |

**III** | Ø 5.0 | ▲ | ▲ | ▲ |

**IV** | Ø 3.5 | ▲ | ▲ |

**III** | Ø 4.0 | ▲ | ▲ |

**IV** | Ø 5.0 | ▲ | ▲ | ▲ | ▲ |

LH - Helical Lance Drill | FC - Conical End Drill | ES - Countersink/osseodensifier

**Bone Density**

**Type I**

**Type II**

**Type III**

**Type IV**

**Indications for Use and Application Early Loading**

<table>
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<tr>
<th>Parameters</th>
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<tbody>
<tr>
<td>Cortical bone quality. Classification Type I / II. Adequate bone quantity. Length ≥ 9 mm.</td>
<td>Minimum time: 4-6 weeks.</td>
</tr>
<tr>
<td>Medullary bone quality. Classification Type III. Adequate bone quantity. Length ≥ 9 mm.</td>
<td>Minimum time: 7-8 weeks.</td>
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<tr>
<td>Medullary Bone Quality. Classification Type IV. Adequate bone quantity. Length ≥ 9 mm.</td>
<td>Minimum time: 12 weeks.</td>
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<tr>
<td>When there is no contact between implant and bone, most techniques should be performed to due reconstruction.</td>
<td>Term determined according to the sum of the applied techniques.</td>
</tr>
</tbody>
</table>

**Immediate Load Application**

Torque: 35 Ncm minimum.  
Torque: 60 Ncm maximum.  
Finalization after osseointegration.  
Minimum time: 12 weeks.

**Technical Data**

2022 Catalog
FEATURES
- Conical implant with Internal Hexagon socket;
- Indicated for immediate or late rehabilitation;
- For single cases and safety for rehabilitation of multiple implants;
- Allows installation in any bone density: type I, II, III and IV;
- Surface treated with alternate blasting and acid etching;
- Revolutionary design of trapezoidal threads accelerates bone condensation, thanks to the perfect combination of implant taper and coil shape;
- Micro spirals (0.25 mm) that improve your cervical adaptation;
- Can be installed with ratchet (manual) or contra-angle (motor);
- Accompanies cover;
- Cover installation: Hexagonal key No 7 – 1.17 mm;
- Drilling rotation: 800-1200 rpm;
- Installation rotation: 20 rpm;
- Suggested installation torque up to 60 Ncm.

CODES

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Length</th>
<th>Code</th>
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KEY TO COVER INSTALLATION

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<table>
<thead>
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<table>
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<th>CODES</th>
<th>COVER / IMPLANT COVER</th>
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*Indication of bone application according to the Lekholm and Zarb Classification.
**To prepare the bed for conical implants - you must use the milling drill corresponding to the length of the planned implant, respecting the sequence illustrated according to the bone type.
## TECHNICAL DATA

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</tbody>
</table>

**LH** - Helical Lance Drill | **FC** - Conical End Drill | **ES** - Countersink/osseodensifier
FEATURES
- Conical implant with Internal Hexagon socket;
- Indicated for late rehabilitation;
- Indicated for upper and lower posterior regions;
- For rehabilitation in single/multiple cases;
- For the use of Short ST implants (5 mm / 6 mm) you should always analyze the implant crown relationship.
- Surface treated with alternate blasting and acid etching;
- Fully tapered body, providing better balance between bone and implant design;
- Allows installation in any bone density: type I, II, III and IV,*
- Use ST component;
- Accompanies cover;
- COVER installation. Hexagonal key No 7 – 1.17 mm;
- Drilling rotation. 200 - 300;
- Installation rotation. 20 rpm;
- Suggested installation torque up to 60 Ncm.

CODES

<table>
<thead>
<tr>
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SPECIFICATION

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INSTALLATION KEY

Ratchet Ø 4.0  
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For implants Ø 4.0 Ø 5.0

KEY TO COVER INSTALLATION

Hexagonal Key No 7 – 1.17 mm
- Short Key 19.3 mm 20626
- Middle Key 23 mm 18685
- Long Key 28 mm 20619

COVER / IMPLANT COVER

4.0 ST 21035

For implants Ø 4.0 Ø 5.0

*Indication of bone application according to the Lekholm and Zarb Classification.
**For implants with Ø 4.0 / 5.0 mm and lengths 5 mm / 6 mm, the internal thread is 2.0 mm, however, its screw is specific due to its different length. For this implant, use components from the ST Line (ST = Short/Short).
***To prepare the bed for conical implants - use the milling drill corresponding to the length of the planned implant, respecting the sequence illustrated according to the bone type.
## CONICAL HI Ø 4.0/5.0 mm

Length implants: 5 mm / 6 mm

### Drill Sequence

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FL - Spear Drill FC - Conical Drill

### Bone Density

- **Type I**
- **Type II**
- **Type III**
- **Type IV**

### Technical Data

- **Implant length**: 5 mm

2022 CATALOG
FEATURES
- Cylindrical implant with internal Hexagon socket;
- Safety for rehabilitation in single/multiple cases;
- Indicated for immediate or late rehabilitation;
- Allows installation in any bone density: type I, II, III and IV*;
- Surface treated with alternate blasting and acid etching;
- Its conical apex associated with the triangular threads facilitates its installation;
- Can be installed with ratchet (manual) or contra-angle (motor);
- Accompanies cover;
- Cover installation: Hexagonal key No 7 – 1.17 mm;
- Drilling rotation: 800-1,200;
- Installation rotation: 20 rpm;
- Suggested installation torque up to 60 Ncm.

KEYS INSTALLATION

CODES

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KEY TO COVER INSTALLATION

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COVER / IMPLANT COVER

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*Indication of bone application according to the Lekholm and Zarb Classification.
**DRILL SEQUENCE**

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</tr>
</tbody>
</table>

LH - Helical Lance Mill | FH - Helical End Mill | FR - Mill | MR - Male Thread | CS - Countersink

▲ Optionally, you must analyze the bone density to use the instruments. Type I Bone indication.

---

**BONE DENSITY**

**TYPE I**

**TYPE II**

**TYPE III**

**TYPE IV**

---

**TECHNICAL DATA**

15 11.5 11 9 8

Polished Area

15 11.5 11 9 7

Polished Area
HEALER

FEATURES
- The healer aims to remodel the gingival tissue, preparing it for the finalization of the case and the prosthetic application of the component on the implant.
- The estimated time to reach the remodeling objective is 7 to 30 days.
- Installation. Hexagonal key No 7 – 1.17mm.

ANALOG TRANSFER

Applied over the implant to transfer the position of the Implant to reproduce the laboratory model for making the prosthesis.
- Open Tray Transfer Installation. Hexagonal key No 7 – 1.17 mm.
- Closed Transfer Tray Installation. Friction Key No3.

DIGITAL TRANSFER

The HI transfer is used to copy the position of the implant in the dental arch by intraoral scanning or plaster model scanning. On this model, we can select the intermediate abutment and make the prosthesis digitally, and this element on the intermediate abutment can be milled or printed. In this way the pillar must be indexed (HI).
- Digital TransferInstallation. Hexagonal key No 7 – 1.17mm.

ANALOG D/G - HYBRID

Used in laboratory model. The analog can be applied to conventional implants (7 mm / 15 mm) and ST implant (5 mm / 6 mm).

The External Hexagon Component Selection must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 implants Ø 4.0 will be Ø 4.0 (Ø 4.1 Branemark) and Ø 4.75 and Ø 5.0 will be Ø 5.0. As shown in the table.
*For HE implants Ø 3.3 and Ø 3.5 manufactured before Oct 2015 special component with 1.6 mm screw. New line Ø 3.3 and Ø 3.5 with 1.8 mm screw.
APPLICATION SEQUENCE

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>HEALER</th>
<th>TRANSFER</th>
<th>ANALOG D/G</th>
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The component must be selected according to the diameter of the implant applied.

PROSTHETIC PLATFORM

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<th>Implant 7 to 15 mm</th>
<th>Platform</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø 3.3</td>
<td>Ø 3.5</td>
</tr>
<tr>
<td>Ø 3.5</td>
<td>Ø 3.5</td>
</tr>
<tr>
<td>Ø 3.5 / Ø 4.0 / Ø 5.0 switch</td>
<td>Ø 3.75</td>
</tr>
<tr>
<td>Ø 4.0</td>
<td>Ø 4.0</td>
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<td>Ø 4.3</td>
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<td>Ø 4.75</td>
<td>Ø 5.0</td>
</tr>
<tr>
<td>Ø 5.0</td>
<td>Ø 5.0</td>
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<table>
<thead>
<tr>
<th>Implant 5 to 6 mm</th>
<th>Platform</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø 4.0 ST</td>
<td>Ø 4.0</td>
</tr>
<tr>
<td>Ø 5.0 ST</td>
<td>Ø 5.0</td>
</tr>
</tbody>
</table>

AR – Anti-Rotational | R – Rotational | ST – 5/6 mm implants | D/G – Digital or Plaster

The selection of components for internal hexagon must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 implants, Ø 4.0, Ø 4.3 will be Ø 4.0 and Ø 4.75 and Ø 5.0 will be Ø 5.0. As shown in the table.
**APPLICATION**

- Indication for unitary cases;
- Base T Pillars are prosthetic components used for CAD/CAM systems. They allow the execution of customized ceramic pillars for a wide range of individualized solutions;
- The Base T line also features the Scancorp system, which offers superior surface quality and a unique geometry for high-precision scanning results. Scancorp is used in conjunction with Base T pillars;
- Base T Installation: Hexagonal key No 7 – 1.17 mm;
- Installation torque: 20 Ncm;
- For component selection in the software and work block selection, use the following codes:
  - 3.5 – Small FX 3.4;
  - 4.0 – Large AT 3.5/4.0.

<table>
<thead>
<tr>
<th>Strap</th>
<th>Ø 3.5</th>
<th>Ø 4.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mm</td>
<td>24524</td>
<td>24530</td>
</tr>
<tr>
<td>2 mm</td>
<td>24526</td>
<td>24532</td>
</tr>
<tr>
<td>3 mm</td>
<td>24528</td>
<td>24534</td>
</tr>
<tr>
<td>Height</td>
<td>4.6 mm</td>
<td>4.6 mm</td>
</tr>
<tr>
<td>Divergence</td>
<td>Ø 4.0</td>
<td>Ø 5.0</td>
</tr>
<tr>
<td>Description</td>
<td>Small</td>
<td>Large</td>
</tr>
</tbody>
</table>

For implants from 7 mm to 15 mm.

**APPLICATION OF SEQUENCE – Chair Side – Clinic-Unitary**

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>HEALER / TEMPORARY</th>
<th>COMPONENT</th>
<th>INSTALLATION</th>
<th>SCANCORP</th>
<th>SCANNING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylindrical</td>
<td>Healer</td>
<td>T Base</td>
<td>Hexagonal Key No 7 – 1.17 mm</td>
<td>Scancorp Ø 3.5 Small 24803</td>
<td>Intraoral</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Short</td>
<td>Cod. 20626</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Average</td>
<td>Cod. 18685</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Long</td>
<td>Cod. 20619</td>
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</tr>
</tbody>
</table>

**APPLICATION SEQUENCE – Inlab – Laboratorial**

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>HEALER / TEMPORARY</th>
<th>TRANSFER ANALOG</th>
<th>ANALOG D/G</th>
<th>COMPONENT</th>
<th>INSTALLATION</th>
<th>SCANCORP</th>
<th>SCANNING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylindrical</td>
<td>Healer</td>
<td>Open Tray Transfer</td>
<td>Analog HI T Base</td>
<td>Hexagonal Key No 7 – 1.17 mm</td>
<td>Scancorp Ø 3.5 Small 24803</td>
<td>Laboratorial</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Short</td>
<td>Cod. 20626</td>
<td></td>
<td></td>
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<td></td>
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<td></td>
<td></td>
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<td>Cod. 18685</td>
<td></td>
<td></td>
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<td></td>
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<td></td>
<td></td>
<td>Long</td>
<td>Cod. 20619</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

AR – Anti-Rotational | D/G – Digital or Plaster.

The selection of components for internal Hexagon must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants, it will be Ø 3.5. For Ø 3.75 implants, Ø 4.0, Ø 4.3 will be Ø 4.0. As shown in the table “Prosthetic Platform” pg. 67.
**Application**

- Indication for unitary cases.
- Base T Abutments are prosthetic components used for CAD/CAM systems. They allow the execution of customized ceramic pillars for a wide range of individualized solutions.
- The Base T line also has the Digital Transfer system for implants or the Digital Transfer Base T to copy Base T, which offers superior surface quality and a unique geometry for scanning results high precision.
- Base T Installation: Hexagonal key No 7 – 1.17 mm.
- Installation torque: 20 Ncm.
- For use in Exocad® perform o download in our website.

**Application Sequence – Intraoral Scanning**

<table>
<thead>
<tr>
<th>Implant</th>
<th>Healer / Temporary</th>
<th>Digital Transfer</th>
<th>Installation</th>
<th>Analog D/G</th>
<th>Component</th>
<th>Installation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylindrical CM</td>
<td>UCLA Titanium (Provisional)</td>
<td>Transfer Digital HI</td>
<td>Hexagonal Key No 7 – 1.17 mm</td>
<td>Analog HI</td>
<td>T Base</td>
<td>Hexagonal Key No 7 – 1.17 mm</td>
</tr>
</tbody>
</table>

**Application Sequence – Extraoral Scanning**

<table>
<thead>
<tr>
<th>Implant</th>
<th>Healer / Temporary</th>
<th>Transfer Analog</th>
<th>Analog D/G</th>
<th>Digital Transfer</th>
<th>Component</th>
<th>Installation</th>
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</thead>
<tbody>
<tr>
<td>Cylindrical CM</td>
<td>UCLA Titanium (Provisional)</td>
<td>Open Tray Transfer</td>
<td>Analog HI</td>
<td>Transfer Digital HI</td>
<td>T Base</td>
<td>Hexagonal Key No 7 – 1.17 mm</td>
</tr>
</tbody>
</table>

AR - Anti-Rotational | D/G - Digital or Plaster.

The Selection of components for Internal Hexagon must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants, it will be Ø 3.5. For Ø 3.75 implants, Ø > 0. Ø ± f will be Ø ± 0. As shown in the table 'Prosthetic Platform' pg 67.
The Selection of components for Internal Hexagon must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants, it will be Ø 3.5. For Ø 3.75 implants, Ø 4.0, Ø 4.3 will be Ø 4.0. As shown in the table "Prosthetic Platform" pg. 67.

**APPLICATION**

- Indication for unitary cases;
- Digital pillars are prosthetic components used for CAD/CAM systems. The Digital Pillar was specially created to facilitate the milling system, its 3-channel anti-rotation system can be created on most drilling machines simply and effectively. They allow the execution of customized ceramic pillars for a wide range of individualized solutions;
- The Digital Pillar range also features the Digital Transfer system for implant or the Digital Transfer Abutment Digital to copy the Digital Pillar, which offers superior surface quality and a unique geometry for high-precision scanning results;
- Digital Pillar installation. Hexagonal key No 7 – 117 mm;
- Installation torque. 20 Ncm;
- For use in Exocad® perform o download in our website.

### APPLICATION SEQUENCE – Extraoral Scanning

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>HEALER / TEMPORARY</th>
<th>TRANSFER</th>
<th>ANALOG D/G</th>
<th>DIGITAL TRANSFER</th>
<th>COMPONENT</th>
<th>INSTALLATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylindrical</td>
<td>UCLA Titanium (Provisional)</td>
<td>Open Tray Transfer</td>
<td>Analog Hi</td>
<td>Transfer Digital Hi</td>
<td>Digital Pillar</td>
<td>Hexagonal Key No 7 – 117 mm Short</td>
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</tbody>
</table>

**AR** – Anti-Rotational | D/G – Digital or Plaster.

### APPLICATION SEQUENCE – Intraoral Scanning

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>HEALER / TEMPORARY</th>
<th>DIGITAL TRANSFER</th>
<th>INSTALLATION</th>
<th>ANALOG D/G</th>
<th>COMPONENT</th>
<th>INSTALLATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylindrical</td>
<td>Healer</td>
<td>Hexagonal Key No 7 – 117 mm</td>
<td>Analog Hi</td>
<td>Digital Pillar</td>
<td>Hexagonal Key No 7 – 117 mm Short</td>
<td>Cod. 20626</td>
</tr>
</tbody>
</table>
Plastic Coifs and Titanium Coifs come with 1.17 mm Hexagonal Screws. On Torx Screws, the purchase is additional.

Ø 4.0, Ø 4.3 will be Ø 4.0 and Ø 5.0 will be Ø 5.0. As shown in the table “Prosthetic Platform” pg. 67.

The Selection of components for Internal Hexagon must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 implants, Ø 4.0, Ø 4.3 will be Ø 4.0 and Ø 4.75 and Ø 5.0 will be Ø 5.0. As shown in the table “Prosthetic Platform” pg. 67.

Plastic Coifs and Titanium Coifs come with 117 mm Hexagonal Screws. On Torx Screws, the purchase is additional.

**APPLICATION**

- Indication for single or multiple cases;
- Fixed prostheses and protocols in general, especially in the esthetic region, in that the height of the soft tissue is greater or equal to 2 mm;
- In unitary cases, use sequence Anti-rotational;
- The 17º or 30º angled component allows correcting the implant angulation in cases of multiple prostheses;
- The angled component does not have an Anti-rotational device, it should not perform a unitary prosthesis;
- The component and accessory assembly requires an approximate interocclusal height of 6.5 mm, also considering the metal-ceramic volume according to prosthetic planning and execution;
- Coif installation torque: 10 Ncm;
- Straight Aesthetic Taper Installation. Aesthetic Conical Key / Mini Conical – No 5;
- Installation Angled Aesthetic Conical / Coif / Open Tray Transfer Screw: Hexagonal key No 7 – 1.17 mm;
- Installation Aesthetic Conical Transfer Closed Tray: Friction Key No 5;
- Installation torque: 20 Ncm.

**APPLICATION SEQUENCE – Unitary**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>INSTALLATION</th>
<th>HEALER / TEMPORARY</th>
<th>TRANSFER</th>
<th>ANALOG D/G</th>
<th>COIF</th>
<th>COIF INSTALLATION</th>
<th>SPARE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Straight</td>
<td>Key No 5</td>
<td>Cap of Healing</td>
<td>Analog Transfer</td>
<td>Anti-rotational</td>
<td>Cof Chrome Base</td>
<td>Hexagonal Key</td>
<td>Coif Screw</td>
</tr>
<tr>
<td>Unitary</td>
<td>Cod. 4732</td>
<td>Open Anti-rotational</td>
<td>Open Anti-rotational Tray</td>
<td>Code 4206</td>
<td>Code 25265</td>
<td>Code 20626</td>
<td>screwed</td>
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<tr>
<td></td>
<td>20 Ncm</td>
<td>Titanium Coif</td>
<td>Digital Transfer Anti-rotational</td>
<td>Code 30879</td>
<td>Hexagonal Key No 7 – 177 mm</td>
<td>Short</td>
<td>Coif Screw</td>
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<td>Code 18661</td>
<td>Ant-rotational Code 31517</td>
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<td>Coif Chrome Base</td>
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<td>Code 26602</td>
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<td>Code 2670</td>
<td>Code 18665</td>
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<td>Hexagonal Key No 7 – 177 mm</td>
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**APPLICATION SEQUENCE – Multiple**

<table>
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<th>HEALER / TEMPORARY</th>
<th>TRANSFER</th>
<th>ANALOG D/G</th>
<th>COIF</th>
<th>COIF INSTALLATION</th>
<th>SPARE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Straight</td>
<td>Key No 5</td>
<td>Cap of Healing</td>
<td>Analog Transfer</td>
<td>Rotational</td>
<td>Rotational Chrome Base</td>
<td>Rotational Key</td>
<td>Coif Screw</td>
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<td>Multiple</td>
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<td>Open Anti-rotational</td>
<td>Open Anti-rotational Tray</td>
<td>Code 2623</td>
<td>Code 27427</td>
<td>Code 20626</td>
<td>screwed</td>
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<td>20 Ncm</td>
<td>Titanium Coif</td>
<td>Digital Transfer Anti-rotational</td>
<td>Code 4268</td>
<td>Short</td>
<td>Rotational Plastic Coif</td>
<td>Hexagonal Key No 7 – 177 mm</td>
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<tr>
<td>Angled</td>
<td>Hexagonal Key</td>
<td>Rotational</td>
<td>Code 31516</td>
<td>Code 4206</td>
<td>Code 20626</td>
<td>Long</td>
<td>Rotational Plastic Coif</td>
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<td>No 7 – 177 mm</td>
<td>Coif</td>
<td></td>
<td>Code 2670</td>
<td>Code 20619</td>
<td></td>
<td>T6 Torx Key</td>
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<tr>
<td></td>
<td>Short</td>
<td>Code 20626</td>
<td>Code 2665</td>
<td>Code 20619</td>
<td>Hexagonal Key No 7 – 177 mm</td>
<td></td>
<td>T6 Torx Key</td>
</tr>
<tr>
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<td>Long</td>
<td>Code 20619</td>
<td>Code 30129</td>
<td>Code 2666</td>
<td>Hexagonal Key No 7 – 177 mm</td>
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<td>T6 Torx Key</td>
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</tbody>
</table>

**AR – Anti-Rotational | R – Rotational | ST – 5/6 mm implants | P – Screwed | D/G – Digital or Plaster.**

The Selection of components for Internal Hexagon must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 implants, Ø 4.0, Ø 4.3 will be Ø 4.0 and Ø 4.75 and Ø 5.0 will be Ø 5.0. As shown in the table “Prosthetic Platform” pg. 67. Plastic Coifs and Titanium Coifs come with 117 mm Hexagonal Screws. On Torx Screws, the purchase is additional.
HI COMPONENTS

MINI CONICAL SCREWED PROSTHESIS

HI

<table>
<thead>
<tr>
<th>Ø Diameter Implant</th>
<th>Component Base</th>
<th>Screw</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø 3.5</td>
<td>1 mm 2554</td>
<td>2565</td>
</tr>
<tr>
<td></td>
<td>2 mm 2561</td>
<td>2592</td>
</tr>
<tr>
<td></td>
<td>3 mm 2578</td>
<td>2608</td>
</tr>
</tbody>
</table>

For implants from 7 mm to 15 mm. Component diameter Ø 4.8 mm.

HI ST

<table>
<thead>
<tr>
<th>Ø Diameter Implant</th>
<th>Component Base</th>
<th>Screw</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø 4.0</td>
<td>1 mm 2554</td>
<td>2565</td>
</tr>
<tr>
<td></td>
<td>2 mm 2561</td>
<td>2592</td>
</tr>
<tr>
<td></td>
<td>3 mm 2578</td>
<td>2608</td>
</tr>
</tbody>
</table>

For implants from 7 mm to 6 mm. Component diameter Ø 4.8 mm.

HI ANGLED

<table>
<thead>
<tr>
<th>Ø Diameter Implant</th>
<th>Component Base</th>
<th>Screw</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø 3.5</td>
<td>17º (2 mm) 20084</td>
<td>20077</td>
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<td>30º (3 mm) 20718</td>
<td>21449</td>
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</table>

For implants from 7 mm to 15 mm. Component diameter Ø 4.8 mm.

APPLICATION

- Indicated for multiple cases;
- Fixed prostheses and protocols in general;
- The 17º or 30º angled component allows for correcting the angulation of the implants;
- The component and accessories set requires an approximate interocclusal height of 4.8 mm, and the metal-ceramic volume must also be considered according to prosthetic planning and execution;
- Mini Straight Conical Installation, Conical Key Aesthetic Mini Conical – No 5;
- Installation Mini Angled Conical / Hood / Open Tray Transfer Screw: Hexagonal key No 7 – 1.17 mm;
- Installation Transfer Mini Conical Closed Tray. Friction Key No 5;
- Installation torque: 20 Ncm;
- Coif installation torque: 10 Ncm.

APPLICATION SEQUENCE

<table>
<thead>
<tr>
<th>TYPE</th>
<th>INSTALLATION</th>
<th>HEALER / TEMPORARY</th>
<th>ANALOG TRANSFER</th>
<th>DIGITAL TRANSFER</th>
<th>ANALOG D/G</th>
<th>COIF</th>
<th>COIF INSTALLATION</th>
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<tbody>
<tr>
<td>Straight</td>
<td>Multiple</td>
<td>Key No 5 Average</td>
<td>Cod. 18561</td>
<td>Cap of Healing</td>
<td>Cod. 18548</td>
<td>Open Tray Transfer Rotational</td>
<td>Cod. 13512</td>
<td>Coif Chrome Base Rotational (Analog Lab)</td>
</tr>
<tr>
<td>Angled</td>
<td>Multiple</td>
<td>Hexagonal Key No 7 – 117 mm Short</td>
<td>Cod. 20626 Average</td>
<td>Titanium Coif Rotational (Provisional)</td>
<td>Cod. 18350</td>
<td>Closed Tray Transfer Rotational</td>
<td>Cod. 4282</td>
<td>Plastic Coif Rotational (Analog Lab)</td>
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<td>Base T Pillar Rotational (CAD/CAM MetalFree)</td>
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<td>Rotational</td>
<td>Cod. 30580</td>
<td>Rotational</td>
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<td>Screw Coif Work</td>
<td>Cod. 24686 Hexagonal Key No 7 – 117 mm</td>
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</tbody>
</table>

R - Rotational | ST - 5/6 mm implants | D/G - Digital or Plaster.

The Selection of components for Internal Hexagon must follow the same platform as the installed implant. For Ø 3.5 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 implants Ø 4.0, Ø 4.3 will be Ø 4.0 and Ø 4.75 and Ø 5.0 will be Ø 5.0. As shown in the table ‘Prosthetic Platform’ pg. 67. Plastic Coifs and Titanium Coifs come with 1.17 mm Hexagonal Screws. On Torx Screws, the purchase is additional.
APPLICATION

- Indicated for multiple cases;
- Fixed prostheses and protocols in general;
- The Mini Conical FIT is a single-body component with a parallel emerging profile. This feature reduces the osteotomy and facilitates installation;
- The component and accessory set requires an approximate interocclusal height of 4.8 mm, considering also the metal-ceramic volume according to prosthetic planning and execution;
- Key for installation Mini Tapered FIT Straight: Aesthetic Conical Key/ Mini Conical – No 5;
- Installation Coif/ Open Tray Transfer Screw: Hexagonal key No 7 – 1.17 mm;
- Installation Transfer Mini Conical Closed Tray: Friction Key No 5;
- Installation torque: 20 Ncm;
- Coif installation torque: 10 Ncm.

APPLICATION SEQUENCE

<table>
<thead>
<tr>
<th>TYPE</th>
<th>INSTALLATION</th>
<th>HEALER / TEMPORARY</th>
<th>ANALOG TRANSFER</th>
<th>DIGITAL TRANSFER</th>
<th>ANALOG D/G</th>
<th>COIF</th>
<th>SPARE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Straight</td>
<td>Key No 5</td>
<td>Cap of Healing</td>
<td>Open Tray</td>
<td>Rotational</td>
<td>Rotational</td>
<td>Coif Chrome Base (Analog Lab)</td>
<td>Plastic Coif (screwed)</td>
</tr>
<tr>
<td>Multiple</td>
<td>Average Cod.</td>
<td>Cod. 18548</td>
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<tr>
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<td>Base T Pillar (CAD/PEM)</td>
<td>Plastic Coif Work Cod. 24686</td>
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<td>Rotational</td>
<td>MetalFree</td>
<td>Hexagonal Key No 7 – 1.17 mm</td>
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<td></td>
<td>T6 Torx Key</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>T6 Torx Screw 16.14 x 2.0 mm</td>
<td></td>
</tr>
</tbody>
</table>

The selection of components for Internal Hexagon must follow the same platform as the installed implant. For implants of Ø 3.75, Ø 4.0, Ø 4.3 it will be Ø 4.0. As shown in the table "Prosthetic Platform" pg. 67. Plastic Coifs and Titanium Coifs come with 117 mm Hexagonal Screws. On Torx Screws, the purchase is additional.
**UCLA CHROME BASE**
**CEMENTED/SCREWED PROSTHESIS**

**CHROME BASE HI**

<table>
<thead>
<tr>
<th>AR</th>
<th>R</th>
<th>Ø 3.5</th>
<th>Ø 4.0</th>
<th>Ø 5.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anti-rotational</td>
<td>17688</td>
<td>17701</td>
<td>17725</td>
<td></td>
</tr>
<tr>
<td>Rotational</td>
<td>17695</td>
<td>17718</td>
<td>17732</td>
<td></td>
</tr>
</tbody>
</table>

For implants from 5 mm to 6 mm.

**CHROME BASE HI ST**

<table>
<thead>
<tr>
<th>AR</th>
<th>R</th>
<th>Ø 4.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anti-rotational</td>
<td>214476</td>
<td></td>
</tr>
<tr>
<td>Rotational</td>
<td>214469</td>
<td></td>
</tr>
</tbody>
</table>

For implants from 7 mm to 15 mm.

**APPLICATION SEQUENCE**

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>HEALER / TEMPORARY</th>
<th>ANALOG TRANSFER</th>
<th>ANALOG D/G</th>
<th>COMPONENT</th>
<th>INSTALLATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylindrical</td>
<td></td>
<td>Open Tray Transfer</td>
<td></td>
<td>Analog Hi</td>
<td></td>
</tr>
<tr>
<td>Conical 5/6 mm ST</td>
<td></td>
<td>Closed Tray Transfer</td>
<td></td>
<td>Analog Hi</td>
<td></td>
</tr>
</tbody>
</table>

**APPLICATION**

- Indicated for cases unitarios/multiples;
- Anti-Rotational (AR) or Rotational (R);
- Castable component based on cobalt chromium, used for casting, also known as plastic coping with metal base. The characteristics and application are similar to the plastic UCLA, however, the pre-machined cobalt chrome base has a superior adaptation standard to the components totally dependent on casting.
- Best indication for making custom pillars;
- Versatile component, can be cemented or screwed, applied to overdenture, protocol and single/multiple elements;
- Comes with definitive screw;
- Key for installation. Square Key No 4 – 1.3 mm;
- Installation torque: 30 Ncm.

**DEFINITIVE SCREW**

<table>
<thead>
<tr>
<th>M</th>
<th>Ø 3.5</th>
<th>Ø 4.0</th>
<th>Ø 4.0/Ø 5.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.8</td>
<td>229951</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2.0</td>
<td>-</td>
<td>211178</td>
<td>229982</td>
</tr>
</tbody>
</table>

**WORKING SCREW**

<table>
<thead>
<tr>
<th>M</th>
<th>Ø 3.5</th>
<th>Ø 4.0</th>
<th>Ø 4.0/Ø 5.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.8</td>
<td>229968</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2.0</td>
<td>-</td>
<td>21115</td>
<td>27328</td>
</tr>
</tbody>
</table>

The selection of components for internal Hexagon must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 implants, Ø + 0, Ø + 3 will be Ø + 0 and Ø + 7.5 and Ø + 10 will be Ø + 5.0. As shown in the table "Prosthetic Platform" pg. 67.
**PLASTIC UCLA**

**CEMENTED/SCREWED PROSTHESIS**

**HI COMPONENTS**

**PLASTIC HI**

<table>
<thead>
<tr>
<th>AR</th>
<th>Ø 3.5</th>
<th>Ø 4.0</th>
<th>Ø 5.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM AR</td>
<td>3704</td>
<td>3735</td>
<td>18127</td>
</tr>
<tr>
<td>CR R</td>
<td>18913</td>
<td>3742</td>
<td>18906</td>
</tr>
<tr>
<td>SR AR</td>
<td>36996</td>
<td>3711</td>
<td>3759</td>
</tr>
<tr>
<td>SR R</td>
<td>4923</td>
<td>3728</td>
<td>3766</td>
</tr>
</tbody>
</table>

For implants from 7 mm to 75 mm.

**APPLICATION**

- Indicado para casos unitários/múltiplos;
- Anti-Rotational (AR) or Rotational (R);
- With Retention (CR) / Without Retention (SR);
- Castable component, used for casting, also known as plastic coping, which fits directly over the laboratory model to be waxed in the ideal position and cast, becoming a pillar or customized metallic structure. After this step, it will be applied on the implant;
- Best indication for making custom pillars;
- Versatile component, can be cemented or screwed, applied to overdenture, protocol and single/multiple elements;
- Comes with definitive screw;
- Installation Angled Aesthetic Conical / Coil / Open Tray Transfer Screw: Hexagonal key No 7 - 1.17 mm;
- Installation Aesthetic Conical Transfer Closed Tray: Friction Key No 3;
- Key for installation: Square Key No 4 – 1.3 mm;
- Installation torque: 30 Ncm.

**PLASTIC HI ST**

<table>
<thead>
<tr>
<th>AR</th>
<th>Ø 4.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM AR</td>
<td>21441</td>
</tr>
<tr>
<td>CR R</td>
<td>21440</td>
</tr>
<tr>
<td>SR AR</td>
<td>214438</td>
</tr>
<tr>
<td>SR R</td>
<td>214421</td>
</tr>
</tbody>
</table>

For implants from 5 mm to 6 mm.

**APPLICATION SEQUENCE**

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>HEALER / TEMPORARY</th>
<th>ANALOG TRANSFER</th>
<th>ANALOG D/G</th>
<th>COMPONENT</th>
<th>INSTALLATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylindrical Healer</td>
<td>UCLA Titanium AR/R (Provisional)</td>
<td>Open Tray</td>
<td>Analog HI</td>
<td>Unitary Anti-rotational</td>
<td>30 Ncm</td>
</tr>
<tr>
<td>Conical 5/6 mm ST</td>
<td></td>
<td>Closed Tray</td>
<td></td>
<td>Multiple Rotational</td>
<td>30 Ncm</td>
</tr>
</tbody>
</table>

**APPLICATION**

Indicado para casos unitários/múltiplos; Anti-Rotational (AR) or Rotational (R); With Retention (CR) / Without Retention (SR); Castable component, used for casting, also known as plastic coping, which fits directly over the laboratory model to be waxed in the ideal position and cast, becoming a pillar or customized metallic structure. After this step, it will be applied on the implant; Best indication for making custom pillars; Versatile component, can be cemented or screwed, applied to overdenture, protocol and single/multiple elements; Comes with definitive screw; Installation Angled Aesthetic Conical / Coil / Open Tray Transfer Screw: Hexagonal key No 7 - 1.17 mm; Installation Aesthetic Conical Transfer Closed Tray: Friction Key No 3; Key for installation: Square Key No 4 – 1.3 mm; Installation torque: 30 Ncm.

**HI ST**

<table>
<thead>
<tr>
<th>Tray</th>
<th>Ø 3.5</th>
<th>Ø 4.0</th>
<th>Ø 5.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open HI</td>
<td>14854</td>
<td>15899</td>
<td>147719</td>
</tr>
<tr>
<td>Closed HI</td>
<td>4404</td>
<td>4411</td>
<td>4428</td>
</tr>
</tbody>
</table>

**ANALOG D/G**

<table>
<thead>
<tr>
<th>Analog</th>
<th>Ø 3.5</th>
<th>Ø 4.0</th>
<th>Ø 5.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>HI D/G</td>
<td>31513</td>
<td>31514</td>
<td>31515</td>
</tr>
</tbody>
</table>

The selection of components for Internal Hexagon must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 implants, Ø 4.0, Ø 4.3 will be Ø 4.0 and Ø 4.75 and Ø 5.0 will be Ø 5.0. As shown in the table 'Prosthetic Platform' pg. 67.

**DEFINITIVE SCREW**

<table>
<thead>
<tr>
<th>M</th>
<th>Ø 3.5</th>
<th>Ø 4.0 ST</th>
<th>Ø 4.0/Ø 5.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.8</td>
<td>229951</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2.0</td>
<td>-</td>
<td>211778</td>
<td>229962</td>
</tr>
</tbody>
</table>

**WORKING SCREW**

<table>
<thead>
<tr>
<th>M</th>
<th>Ø 3.5</th>
<th>Ø 4.0 ST</th>
<th>Ø 4.0/Ø 5.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.8</td>
<td>229968</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2.0</td>
<td>-</td>
<td>21175</td>
<td>27328</td>
</tr>
</tbody>
</table>

The selection of components for Internal Hexagon must follow the same platform as the installed implant. For Ø 3.5 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 implants, Ø 4.0, Ø 4.3 will be Ø 4.0 and Ø 4.75 and Ø 5.0 will be Ø 5.0. As shown in the table 'Prosthetic Platform' pg. 67.
The Selection of components for Internal Hexagon must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 implants, Ø 4.0, Ø 4.3 will be Ø 4.0 and Ø 5.0 will be Ø 5.0. As shown in the table “Prosthetic Platform” pg. 67.

### APPLICATION SEQUENCE

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>COMPONENT</th>
<th>INSTALLATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CLINICAL PROVISIONAL</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cylindrical</td>
<td>Unitary Anti-rotational</td>
<td></td>
</tr>
<tr>
<td>CM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conical 5/6 mm ST</td>
<td>Unitary Anti-rotational</td>
<td></td>
</tr>
<tr>
<td>Multiple rotational</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LABORATORY PROVISIONAL</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cylindrical</td>
<td>Open Tray Transfer</td>
<td></td>
</tr>
<tr>
<td>CM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conical 5/6 mm ST</td>
<td>Closed Tray Transfer</td>
<td></td>
</tr>
<tr>
<td>Multiple rotational ST</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**AR – Anti-Rotational | R – Rotational | ST – 5/6 mm implants | D/G – Digital or Plaster.**

### TITANIUM HI

<table>
<thead>
<tr>
<th>AR</th>
<th>R</th>
<th>Ø 3.5</th>
<th>Ø 4.0</th>
<th>Ø 5.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anti-rotational</td>
<td>1416</td>
<td>14250</td>
<td>14410</td>
<td></td>
</tr>
<tr>
<td>Rotational</td>
<td>14809</td>
<td>14083</td>
<td>14106</td>
<td></td>
</tr>
</tbody>
</table>

For implants from 7 mm to 15 mm.

### TITANIUM HI ST

<table>
<thead>
<tr>
<th>AR</th>
<th>R</th>
<th>Ø 4.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anti-rotational</td>
<td>214452</td>
<td></td>
</tr>
<tr>
<td>Rotational</td>
<td>214445</td>
<td></td>
</tr>
</tbody>
</table>

For implants from 5 mm to 6 mm.

### DEFINITIVE SCREW

<table>
<thead>
<tr>
<th>M</th>
<th>Ø 3.5</th>
<th>Ø 4.0 ST</th>
<th>Ø 4.0/Ø 5.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.8</td>
<td>229951</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>2.0</td>
<td>–</td>
<td>21178</td>
<td>229982</td>
</tr>
</tbody>
</table>

### WORKING SCREW

<table>
<thead>
<tr>
<th>M</th>
<th>Ø 3.5</th>
<th>Ø 4.0 ST</th>
<th>Ø 4.0/Ø 5.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.8</td>
<td>229968</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>2.0</td>
<td>–</td>
<td>21115</td>
<td>27328</td>
</tr>
</tbody>
</table>
**HI COMPONENTS**

**CEMENTED PROSTHESIS**

- **ANTI-ROTATIONAL STRAIGHT APPLICATION**
  - Indicado para casos unitários/múltiplos;
  - They are extremely versatile pillars that can be customized in the office or laboratory and adapted according to your planning;
  - Perfect adaptation for being a machined component;
  - In cases of multiple prostheses, parallelism is required;
  - Comes with definitive screw;
  - Installation: Square Key No 4 – 1.3 mm;
  - Installation torque: 30 Ncm.

- **ANGLED 15° AND 25° ANTI-ROTATIONAL APPLICATION**
  - Indicado para casos unitários/múltiplos;
  - Allows rehabilitation of implants with an unfavorable position, promoting parallelism;
  - Perfect adaptation for being a machined component;
  - There may be loss of aesthetics, due to the “shoulder” formed to achieve the proper angulation;
  - Need for a good amount of soft tissue to gain esthetics, due to the shoulder;
  - Comes with definitive screw;
  - Installation: Hexagonal key No 7 – 1.17 mm;
  - Installation torque: 20 Ncm.

**APPLICATION SEQUENCE**

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>HEALER / TEMPORARY</th>
<th>ANALOG TRANSFER</th>
<th>ANALOG D/G</th>
<th>COMPONENT</th>
<th>INSTALLATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylindrical</td>
<td>Healer</td>
<td>Open Tray Transfer</td>
<td>Analog</td>
<td>Straight</td>
<td>Anti-rotational</td>
</tr>
<tr>
<td>Conical 5/6 mm ST</td>
<td>UCLA Titanium AR/R (Provisional)</td>
<td>Open Tray Transfer ST</td>
<td>Analog</td>
<td>Straight</td>
<td>Anti-rotational ST</td>
</tr>
</tbody>
</table>

**HI**

- Anti-rotational 2806 2851 2875
- Angled
  - 15 (2 mm) 2882 2912 2943
  - 25 (3 mm) 2899 2856 2974

**HI ST**

- Anti-rotational 214551
- For implants from 8 mm to 6 mm

- Straight
  - For implants from 5 mm to 6 mm

**Definitive Screw**

<table>
<thead>
<tr>
<th>M</th>
<th>Ø 3.5</th>
<th>Ø 4.0 ST</th>
<th>Ø 4.0/Ø 5.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.8</td>
<td>229951</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2.0</td>
<td>-</td>
<td>211178</td>
<td>229982</td>
</tr>
</tbody>
</table>

**Working Screw**

<table>
<thead>
<tr>
<th>M</th>
<th>Ø 3.5</th>
<th>Ø 4.0 ST</th>
<th>Ø 4.0/Ø 5.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.8</td>
<td>229968</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2.0</td>
<td>-</td>
<td>21115</td>
<td>27328</td>
</tr>
</tbody>
</table>

**HI Components**

The Selection of components for Internal Hexagon must follow the same platform as the installed implant. For Ø 3.5 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 implants Ø x 0. Ø x 3 will be Ø 4.0 and Ø 4.75 and Ø 5.0 will be Ø 5.0. As shown in the table "Prosthetic Platform" pg. 67.

[Image of screws and implants]
APPLICATION SEQUENCE

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>HEALER / TEMPORARY</th>
<th>ANALOG TRANSFER</th>
<th>ANALOG D/G</th>
<th>COMPONENT</th>
<th>INSTALLATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylindrical</td>
<td>Healer</td>
<td>Open Tray Transfer</td>
<td>Analog HI</td>
<td>Anti-rotational Straight</td>
<td>Square key No 4 - 1.3 mm Average</td>
</tr>
<tr>
<td>CM</td>
<td>UCLA Titanium AR/R</td>
<td>Closed Tray Transfer</td>
<td></td>
<td></td>
<td>Long</td>
</tr>
<tr>
<td></td>
<td>(Provisional)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**APPLICATION**

- Indicado para casos unitários/múltiplos;
- Anti-rotational (AR);
- Pillars with differentiated belts, with which the professional can promote the preparation of the component preserving the thickness of the soft tissue, creating a personalized and safe profile, achieving aesthetic and biological gains,
- They are extremely versatile pillars that can be customized in the office or laboratory and adapted according to your planning,
- Perfect adaptation for being a machined component,
- In cases of multiple prostheses, parallelism is required,
- Comes with definitive screw,
- Open Tray Transfer installation: Hexagonal key No 7 – 1.17 mm;
- Closed Tray Transfer installation: Friction Key No 3;
- Installation: Square Key No 4 – 1.3 mm,
- Installation torque: 30 Ncm.

**HI STRAP**

<table>
<thead>
<tr>
<th>Strap</th>
<th>Ø 4.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mm</td>
<td>217637</td>
</tr>
<tr>
<td>2 mm</td>
<td>217651</td>
</tr>
<tr>
<td>3 mm</td>
<td>217675</td>
</tr>
<tr>
<td>4 mm</td>
<td>217699</td>
</tr>
<tr>
<td>5 mm</td>
<td>217712</td>
</tr>
</tbody>
</table>

For implants from 7 mm to 15 mm.

**HI COMPONENTS**

**WORKING SCREW**

<table>
<thead>
<tr>
<th>DEFINITIVE SCREW</th>
<th>WORKING SCREW</th>
</tr>
</thead>
<tbody>
<tr>
<td>M Ø 4.0</td>
<td>M Ø 4.0</td>
</tr>
<tr>
<td>2.0 229982</td>
<td>2.0 27328</td>
</tr>
</tbody>
</table>

**ANALOG D/G**

<table>
<thead>
<tr>
<th>HI Tray</th>
<th>Analog D/G</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open HI</td>
<td>Analog D/G</td>
</tr>
<tr>
<td>Closed HI</td>
<td>Analog D/G</td>
</tr>
<tr>
<td>15899</td>
<td>31514</td>
</tr>
<tr>
<td>4411</td>
<td></td>
</tr>
</tbody>
</table>

The Selection of components for Internal Hexagon must follow the same platform as the installed implant. For implants of Ø 3.75, Ø 4.0, Ø 4.5 it will be Ø 4.0. As shown in the table ‘Prosthetic Platform’ pg 67.
APPLICATION

- Individual spherical component, with different strap heights for overdentures (over dentures).
- Solid pillar, single body.
- Also suitable for patients with hygiene difficulties.
- Needs parallelism.
- Not used as a unitary element.
- Installation: Hexagonal O’Ring Key No. 2 – 2.5 mm;
- Installation torque: 25 Ncm.

PACKAGING COMPOSITION

- O’Ring component;
- Standard Metal Capsule (with rubber);
- Plastic Ring;
- Plastic Capsule.

The Selection of components for internal Hexagon must follow the same platform as the installed implant. For Ø 3.3 and Ø 3.5 implants it will be Ø 3.5, for Ø 3.75 implants, Ø × 0, Ø × 0.5 will be Ø × 0, and Ø × 0.75 and Ø × 5.0 will be Ø × 0.5. As shown in the table ‘Prosthetic Platform’ pg. 67.
**APPLICATION**
- Clip-like plastic component that adapts to the bar for overdentures. Used as a retention system in which the implants are joined by a metal bar;
- Cast in the laboratory on bars with the ideal parallelometer, in the correction of divergent implants;
- Not used as a unitary element.

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Castable O’Ring for Positioning</td>
<td>19088</td>
</tr>
<tr>
<td>O’Ring Titanium Capsule</td>
<td>18920</td>
</tr>
<tr>
<td>Titanium O’ring Microcapsule</td>
<td>19516</td>
</tr>
<tr>
<td>O’Ring Washer - Spacer Ring</td>
<td>19668</td>
</tr>
<tr>
<td>O’Ring Plastic Capsule</td>
<td>20039</td>
</tr>
<tr>
<td>O’ring rubber</td>
<td>10733</td>
</tr>
<tr>
<td>Microcapsule Rubber</td>
<td>19095</td>
</tr>
</tbody>
</table>

Check usage guidelines. 

**APPLICATION**
- Clip-like plastic component that adapts to the bar for overdentures. Used as a retention system in which the implants are joined by a metal bar;
- It can also be used in conjunction with a calcinable O’Ring (Mixed System);
- Suitable for mandible and maxilla.

<table>
<thead>
<tr>
<th>Clip Bar - Set</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylindrical Bar</td>
<td>Straight Clip</td>
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<table>
<thead>
<tr>
<th>Individualized Components Bar Clip</th>
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<tr>
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<tr>
<td>Straight clip</td>
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<td>19217</td>
</tr>
<tr>
<td>Clip 70º</td>
<td>19224</td>
</tr>
</tbody>
</table>
Now you can also consult our products through the Implanil Mais App.

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**FEATURES**

- Indicated for regions of low bone thickness;
- Retention of prostheses on overdenture-type implants;
- O’Ring standard 2.0 mm sphere;
- Metal Capsule, Plastic Capsule and Ring must be purchased separately;
- Allows installation in any bone density: type I, II, III and IV*;
- Drilling rotation 800 to 1200 Rpm;
- Installation rotation: 20 rpm;
- Suggested installation torque up to 40 Ncm;
- Installation: Hexagonal O’Ring key No 2 – 2.5 mm.

---

**CODES**

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Length</th>
<th>Code</th>
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<th>Sphere Height</th>
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<tr>
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<td>1.0 mm</td>
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**TECHNICAL DATA**

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<th>O’RING COMPONENT</th>
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<td>Ø 4.6 mm</td>
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<table>
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<tr>
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<th>Pattern Capsule</th>
<th>Plastic Capsule</th>
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<tr>
<td>19316</td>
<td>18920</td>
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**O’RING KEY**

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DRILL SEQUENCE

<table>
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<th>Bone Type</th>
<th>Implant Ø Diameter</th>
<th>FH Ø 1.5</th>
<th>LH Ø 2.0</th>
<th>FP Ø 2/2.5</th>
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<tbody>
<tr>
<td>I</td>
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<td></td>
<td>▲</td>
<td></td>
</tr>
<tr>
<td>II</td>
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<tr>
<td>III</td>
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FH = Helical End Drill | LH = Helical Lance Drill | FP = Slim Pilot Mill

APPLICATION SEQUENCE

<table>
<thead>
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<th>IMPLANT</th>
<th>INSTALLATION</th>
<th>COMPONENT</th>
<th>CAPSULE</th>
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<tr>
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<td></td>
<td></td>
<td></td>
<td>Plastic</td>
</tr>
</tbody>
</table>

Image of bone density merely illustrative. Slim Ball implant not indicated as a single element.
**FEATURES**
- Application in unitary elements;
- For upper lateral elements and lower incisors,
- Indicated for regions of low bone thickness and little mesiodistal space;
- Prosthetic versatility, allowing cemented or screwed application;
- Allows installation in any bone density, type I, II, III and IV;
- Installation Screw Key CM 3.5x4 and 3.5x6;
- Drilling rotation 800 to 1200 Rpm;
- Installation rotation. 20 rpm;
- Suggested installation torque up to 40 Ncm.

**TECHNICAL DATA**

**RATCHET KEY**
Key Installation CM 3.5 x 4 3.5 x 4. Cod. 27571
Key Installation CM 3.5 x 6 3.5 x 6. Cod. 27588

**CODES**

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**SPECIFICATION**

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<td>4 or 6 mm</td>
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<td></td>
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<td></td>
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<tr>
<td>Apex</td>
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<td>1.0 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*For Ø 2.5 diameter implants (Ø 3.0), use the wrench corresponding to the selected prosthetic height. The keys also correspond to the diameter of the crown. The standard crown diameter for Slim Pillar implants is Ø 3.5.
**SLIM PILLAR**

**DRILL SEQUENCE**

<table>
<thead>
<tr>
<th>Bone Type</th>
<th>Implant Ø Diameter</th>
<th>FH Ø 1.5</th>
<th>LH Ø 2.0</th>
<th>FP Ø 2/2.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>2.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>II</td>
<td>3.0</td>
<td>▲</td>
<td>▲</td>
<td>▲</td>
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<tr>
<td>III</td>
<td>2.5</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IV</td>
<td>3.0</td>
<td>▲</td>
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<td></td>
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</table>

FH – Helical End Drill | LH – Helical Lance Drill | FP – Slim Pilot Mill

**BONE DENSITY**

**APPLICATION SEQUENCE**

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<th>IMPLANT</th>
<th>SCREW</th>
<th>ANALOG TRANSFER</th>
<th>ANALOG ANALOGUE</th>
<th>COIF</th>
<th>FINALIZATION</th>
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</thead>
<tbody>
<tr>
<td>Slim Pilar</td>
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<td>35 x 4</td>
<td>Coif Anti-rotational Cemented or Screwed (Analog Lab)</td>
<td>Cemented Element (Cementing)</td>
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<td></td>
<td></td>
<td>35 x 6</td>
<td>35 x 6</td>
<td>Rotational Coif Cemented or Screwed (Analog Lab)</td>
<td>Hexagonal Key No 7 – 117 mm</td>
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<td>Average</td>
<td>Cod 18685</td>
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<td></td>
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<td></td>
<td>Long</td>
<td>Cod 20619</td>
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</table>

Components must follow the height of the implant applied, and the heights may vary by 4 mm or 6 mm, always with a prosthetic diameter of Ø 3.5 mm. The transfer prosthetic components, analogues, healing cap and copings for this implant are the same as those applied in the Smart CM line. This system allows for analog laboratory workflow, not digital workflow.
Now you can also consult our products through the Implant Malla App.

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FEATURES

- The Master Conical Cylindrical Case HE | HI | CM was developed to compose in an easy and organized way the most diverse settings of use. It contemplates selecting the keys and instruments needed for surgeries with Outer Hexagon or Inner Hexagon cylindrical implants, and Outer Hexagon, Inner Hexagon or Morse Cone tapered implants.

- Here we select two settings that can meet your needs. See the Master and Basic settings in the table, remembering that you can still compose in the best way to meet your clinical practice in a simple way, and enjoy the most of the entire Implacil De Bortoli implant system.

Check out the possible settings with the Master Set. See the interactive presentation. https://bit.ly/3oWlQnw

Illustrative picture: Setting suggestion of the Master Conical Cylindrical HE | HI | CM. This case can be set-up as Basic, Cylindrical, Conical or Conical Morse Cone. Check the offered configuration or configure the best way to meet your needs.
<table>
<thead>
<tr>
<th>Drill Type</th>
<th>Diameter</th>
<th>Code</th>
</tr>
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<td>Conical Drill 3.5 x 13 mm</td>
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FEATURES

The Conical Prime case was developed to compose in an easy and organized way the most diverse settings of use. It contemplates the selection of keys and instruments necessary for surgeries with Outer Hexagon or Internal Hexagon tapered implants and Morse Cone tapered implants.

One more innovation: this set also includes implants with a diameter of 3.5 and 4.0, with lengths from 7 mm to 13 mm. This configuration meets a huge demand of clinical day-to-day, from simple to the most complex planning.

With this set, we have conical milling cutters or even the combination of the use of countersinks so that the professional can perform drill, sub-drill or osseodensification according to bone need and desired technique.

Here we have selected two settings that may meet your needs.

See the HE | CM and HI | CM settings in the table, remembering that the professional will still be able to compose in the best way to meet their clinical practice in a simple way and enjoy the most of the entire Implacil De Bortoli implant system.

Illustrative picture: Conical Prime HE setting suggestion | CM or HI | CM This case can be set up as Conical Outer Hexagon and Conical Morse Cone or Conical Internal Hexagon and Morse Cone. Check the offered configuration or configure the best way to meet your needs.

---

Case - 32365
CM | HE Set - 32826
CM | HI Set - 32827
CM Set - 32828
HE Set - 32824
HI Set - 32825
FEATURES
The Prime Cylindrical case was developed to compose in an easy and organized way the most diverse settings of use. It contemplates the selection of keys and instruments necessary for surgeries with External Hexagon or Internal Hexagon cylindrical implants.
One more innovation: it also includes the realization of implants with diameters of 3.3, 3.75 and 4.75 with lengths from 7 mm to 15 mm. This setting meets a huge demand of clinical day-to-day, from simple to more complex planning.
This set has countersink and male-threaded instruments for high-density bone situations to facilitate the surgical procedure.
See the table for the He or HI settings, remembering that the professional will still be able to compose in the best way to meet their clinical practice in a simple way and enjoy the most of the entire Implacil De Bortoli implant system.

Illustrative picture. Prime Cylindrical HE or HI configuration suggestion. This case can be configured as Cylindrical Outer Hexagon or Cylindrical Inner Hexagon. Check the offered configuration or configure the best way to meet your needs.
**SURGICAL CONICAL UPGRADE**

**HE/HI | CM Ø 3.5/Ø 4.0**

Case - 22469
HE/CM Set - 22378
HI/CM Set - 22379

- **Option HE**
  - Ratchet Key
    - Implant Placement Ø 3.5 HE
    - Implant Placement Ø 4.0 HE
  - Motor Key
    - Implant Placement Ø 3.5 HE
    - Implant Placement Ø 4.0 HE

- **OPTION HI**
  - Ratchet Key
    - Implant Placement Ø 3.5 HI
    - Implant Placement Ø 4.0 HI
  - Motor Key
    - Implant Placement Ø 3.5 HI
    - Implant Placement Ø 4.0 HI

**SURGICAL CONICAL 5 mm / 6 mm**

**HE/HI Ø 4.0 Ø 5.0 | CM Ø 5.5**

Case - 27977
Set - 24559

- **Option HE**
  - Ratchet Key
    - Implant Placement Ø 4.0 HE
  - Motor Key
    - Implant Placement Ø 4.0 HE
  - Engine Key
    - Implant Placement Ø 4.0 HE

- **OPTION HI**
  - Ratchet Key
    - Implant Placement Ø 4.0 HI
  - Motor Key
    - Implant Placement Ø 4.0 HI

Illustrative picture. Several settings suggestions for the same case. Check the offered configuration or configure the best way to meet your needs.

For the option Upgrade HE Set, the composition will be conical cutters Ø 3.5 and Ø 4.0, keys for HE and CM.

For the option Upgrade HI Set, the composition will be conical cutters Ø 3.5 and Ø 4.0, keys for HI and CM.
INSTRUMENTALS
INSTRUMENTALS

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App Store  Play Store

Download it right now.
**PROSTHETIC INSTRUMENTS**

**PROSTHETIC CASE**

- Prosthetic Set and Prosthetic Case are formed with medium keys, other parts purchased as additional.
- Set consists of medium keys (in bold), short keys or long keys and accessories are sold separately.

---

**KEYS / LENGTH**

- Short Manual Key 1C
- Key No. 1 Manual Average
- Hexagonal Key No. 7 - 1.17 mm
- Hexagonal Key No. 7 - 1.17 mm Short
  - Cover HE / HI / CM
- Torx Key - 23 mm
- Short Torx Key - 19.3 mm
- Insertion Key for CM Angled Abutment

**PROSTHESIS KEY CASE KIT**

1. Key in the 1 Manual Average - 18623
2. O’ring Key with Average Hexagon - 18630
3. Friction Key IMF Transfer - 18647
4. Square Key No. 4 - 1.3 mm Average - 18654
5. Aesthetic Conical Key / Mini Conical - 16630
6. Hexagonal Key No. 06 - 0.87 mm Average - 18326
7. Hexagonal Key No. 7 - 1.17 mm - 18685
8. Screwdriver - 18692

---

**Check Tunnel**

- Extractor Key
- Transfer Friction
- Closed Tray
- Aesthetic Conical
- Mini Conical Fit

**KEYS**

- Universal Key
  - Smart | Ideale | Slim 3.3/3.5 x 4
  - Smart | Ideale | Slim 3.3/3.5 x 6
  - Smart | Ideale | Slim 4.5 x 4
  - Smart | Ideale | Slim 4.5 x 6

- OM AR Extractor Key
- BM Motor Scalpel
- BD Manual Scalpel Key
- Replacement rubber for ratchet keys

---

*Prosthetic Set and Prosthetic Case are formed with medium keys, other parts purchased as additional.*

**2022 CATALOG**

99
CURRETTES
SINUSES LIFT CURRETTES

Sinus lift set 5 pieces with box - 20627
Sinus lift kit 5 curettes - 19767
MEMBRANES AND BIOMATERIALS

Now you can also consult our products through the Implacil Mais App.

Download it right now.
**CYTOPLAST™ TXT-200 MEMBRANES**

**FEATURES AND ADVANTAGES**
- Membranes developed for alveolus grafting, when primary closure is not possible;
- Non-resorbable;
- 100% dense PTFE: pores smaller than 0.3 µm;
- Soft tissue adheres to the membrane but does not grow through it;
- Hexagonal grooves increase surface area;
- No premature resorption: you control healing time;
- Impervious to bacteria;
- Shorter surgical time, greater preservation of the soft tissue structure and keratinized mucosa.

**AVAILABLE SIZES**

<table>
<thead>
<tr>
<th>Size</th>
<th>Packaging</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>TXT-200 Unitary</td>
<td>12 mm x 24 mm</td>
<td>22425</td>
</tr>
<tr>
<td></td>
<td>With 1 pcs.</td>
<td>22426</td>
</tr>
<tr>
<td>TXT-200</td>
<td>25 mm x 30 mm</td>
<td>22423</td>
</tr>
<tr>
<td></td>
<td>With 4 pcs.</td>
<td>22424</td>
</tr>
</tbody>
</table>

**TITANIUM REINFORCED CYTOPLAST™ MEMBRANES**

**FEATURES AND ADVANTAGES**
- They create the space and the desired shape for the vertical and horizontal increase of the edge.

**AVAILABLE SIZES**

<table>
<thead>
<tr>
<th>Size</th>
<th>Packaging</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Previous Narrow</td>
<td>17 mm x 25 mm</td>
<td>22412</td>
</tr>
<tr>
<td></td>
<td>With 1 pcs.</td>
<td>22416</td>
</tr>
<tr>
<td>Previous Unitary</td>
<td>14 mm x 24 mm</td>
<td>22411</td>
</tr>
<tr>
<td></td>
<td>With 2 pcs.</td>
<td>22419</td>
</tr>
</tbody>
</table>

**MEMBRANES IN SIZE 1:1**

- Vestibular 17 mm x 25 mm
  - Packaging: 22412
  - Code: 22416
  - For major vestibular defects.

- Unitary posterior 20 mm x 25 mm
  - Packaging: 22413
  - Code: 22419
  - For grafts or posterior sites and limited crest augmentation.

- Extensive Posterior 25 mm x 30 mm
  - Packaging: 22414
  - Code: 22420
  - For grafting extensive bone defects, including crest augmentation.

- Rear XL Extended 30 mm x 40 mm
  - Packaging: 22415
  - Code: 22421
  - For grafting into very extensive bone defects, including crest increase.
PTFE RPM MEMBRANES

FEATURES
- Hybrid approach
- Adaptability of a titanium-reinforced and porous membrane
- The circular macro pores allow direct contact between the bone graft and the periosteum, allowing natural revascularization and cell infiltration into the bone graft
- Titanium reinforcement maintains essential space for horizontal and vertical bone augmentation of the alveolar ridge
- The PTFE membrane easily conforms to the contours of the fabric

VERSATILE RECTANGULAR SHAPES
These configurations can be cut to suit a variety of defects

FORMATS WITH ATTACHMENT POINTS
These configurations are designed with attachment points outside the defect area

INTERPROXIMAL FORMATS
These settings are designed to fit between existing teeth

MEMBRANES IN SIZE 1:1
CYTOPLAST™ SUTURE THREADS

FEATURES AND ADVANTAGES
- 100% PTFE, biologically inert;
- Monofilament: Impervious to bacterial penetration;
- Extra-soft (not rigid): does not strain the edges of fabrics, providing greater comfort for patients;
- Nonresorbable: Certainty of the maintenance of the closure of the surgical wound;
- No memory: easy handling with firm knot;
- Series 300 stainless steel needle, with exclusive geometry for better tissue penetration;
- Suture length: 45.72 cm;
- Presentation: box with 12 units.

AVAILABLE SIZES

23989
CS0618RC
For implant and bone graft.

23991
CS0618PREM
For implant and bone grafting when a smaller reverse cut is required.

23990
CS0618PERIO
For grafting delicate tissues that require an atraumatic needle.

23988
CS0318BIR
Suture size most used by dentists.

23987
CS0318
Size most used for implant and bone graft procedure.

References
PTFE 5.0 SUTURE THREAD CYTOPLAST™

The PTFE 5.0 Cytoplast Suture Thread is a monofilament suture that is soft and comfortable for the patient. It allows for good handling and tying, as they have very little memory effect. It is a suture with a 1:1 profile, which reduces the inflammation process and the deposit of possible bacteria.

MAIN FEATURES
- Indicated for periodontal surgeries;
- PTFE non-absorbable suture thread;
- It has monofilament, making it very soft and easy to handle;
- Bacterial anti-adhesion;
- Little or no memory;
- Stainless steel needles;
- Allows excellent handling;
- 3/8 reversible cutting needle;
- Needle Length: 13 mm;
- Security node;
- Sutures 5.0;
- Suture length: 45.72 cm;
- Content: box with 12 units.

AVAILABLE SIZES

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>33298</td>
<td>CS071813BPERIO 5-0</td>
<td>USP 5-0 13 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3/8 Circular Precise Reverse Cut</td>
</tr>
<tr>
<td>33300</td>
<td>CS071816BPERIO 5-0</td>
<td>USP 5-0 16 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3/8 Circular Precise Reverse Cut</td>
</tr>
</tbody>
</table>
GENERAL INFORMATION
EXTRA GRAFT XG-13® is a natural bone substitute composed of 75% bovine hydroxyapatite (main mineral component of bone) and 25% type I collagen (the most abundant protein in the organic portion bone) – both of bovine origin.

FEATURES AND BENEFITS
- Reduction of surgical time: easy manipulation and adaptation to the bone defect;
- Reduction of material waste: the presence of collagen minimizes the dispersion of Hydroxyapatite from the cavity, facilitating the insertion of the product into the surgical bed;
- Osseointegration: 200 to 400 μm hydroxyapatite particles favor the migration of endothelial and osteoprogenitor cells;
- Vascularization: the type I collagen of its composition has a three-dimensional structure that promotes revascularization;
- Volume gain: its hydroxyapatite granules are slowly resorbing, which maintains bone volume during physiological tissue remodeling;
- Hemostasis: the hemostatic properties of type I collagen promote clot stabilization;
- Sterilized by ionizing radiation.
BOVINE HYDROXYAPATITE GRANULES

75% hydroxyapatite

Bovine hydroxyapatite granules have physicochemical properties similar to human bone structure and provide a highly bioactive surface for cell migration, contributing to bone remodeling through a physiological process.

- Physicochemical properties similar to human bone structure;
- It has osteoconductive capacity;
- Biocompatible;
- They provide a highly bioactive surface for cell migration.

BOVINE COLLAGEN TYPE I

25% TYPE I COLLAGEN

Type I collagen, with its high biocompatibility and three-dimensional organization, is, in turn, an important carrier of bone morphogenetic proteins (BMPs) and acts as the ideal framework for the rapid migration of endothelial and osteoprogenitor cells, providing accelerated bone regeneration.

- Increases amount of vital bone;
- Promotes adhesion of osteoblasts;
- Hemostatic action that promotes clot stabilization;
- Non-allergenic;
- Biodegradable and bioresorbable.

The association of hydroxyapatite with type I collagen forms a biocompound with a high success rate due to its biocompatibility and the ability to form a three-dimensional matrix favorable to the adhesion and proliferation of osteoblasts, in addition to the osteoinduction properties of collagen and bioactivity and osteoconduct. of hydroxyapatite.

Additionally, as it is an easily moldable, flexible material with high aggregation to the bone defect, EXTRA GRAFT XG-13® has excellent clinical applicability, with no cytotoxicity or adverse reactions reported.

Such qualities make EXTRA GRAFT XG-13® an effective, safe option that simplifies the performance of surgical procedures, with good adaptation of this bone substitute to the area to be grafted.

BIBLIOGRAPHIC REFERENCES

SELF-DRILLING ORTH IMPLANT

The Orth Self-Drilling Membrane Fixation Implant was developed as an alternative to using studs for membrane stabilization. Orth implants are self-drilling, allowing easy insertion through cortical bone, with no need for initial drilling with drills or hammering for fixation. The cruciform fit allows perfect fixation on the Orth implant and installation key, offering excellent stability for fixation of PTFE membranes, collagen membranes and titanium meshes. The 3 mm and 4 mm Self-Drilling Orth implant is ideal when there is a need to work close to the roots of teeth adjacent to the grafted area. The 5 mm is ideal for type IV bone (low trabeculation) due to better fixation.

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self-Drilling ORTH Implant 1.5 x 3.0 mm</td>
<td>254922</td>
</tr>
<tr>
<td>Self-Drilling ORTH Implant 1.5 x 4.0 mm</td>
<td>254946</td>
</tr>
<tr>
<td>Self-Drilling ORTH Implant 1.5 x 5.0 mm</td>
<td>254960</td>
</tr>
</tbody>
</table>

ORTH SELF-THREADING IMPLANT

The Self-Threading ORTH Implant is designed with thinner self-tapping threads, which provide greater fixation force while using less torque for insertion. The Orth implant head allows it to be screwed down to the bone surface, leaving no space between the head of the screw and the bone. For installation, a hole is recommended. 1.2 mm pre-drilled.

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self-tapping ORTH Implant 1.5 x 8.0 mm</td>
<td>255028</td>
</tr>
<tr>
<td>Self-tapping ORTH Implant 1.5 x 10.0 mm</td>
<td>255042</td>
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</tbody>
</table>
ORTH SELF-THROUGHING EXPANDED HEAD IMPLANT

The Expanded Head Self-Threading ORTH Implant is designed with a polished neck and wider head to maintain space under resorbable and non-resorbable membranes in both horizontal and vertical bone regeneration procedures. For installation, a 1.2 mm pre-drilled hole is recommended.

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORTH Implant Self-tapping Expanded Head Ø 3.5 mm x 10.0 mm</td>
<td>25498</td>
</tr>
<tr>
<td>ORTH Implant Self-tapping Expanded Head Ø 5.7 mm x 10.0 mm</td>
<td>30301</td>
</tr>
<tr>
<td>ORTH Implant Self-tapping Expanded Head Ø 5.7 mm x 8.0 mm</td>
<td>30303</td>
</tr>
</tbody>
</table>
ORTH THREAD

ROG SCREWS / MEMBRANE FIXATION / GRAFT FIXATION

- Helical Drill 1.2 (motor) 27564
- Helical Drill 1.5 (motor) 27564
- Orth Motor Short Key (motor) 27203
- Orth Motor Key (motor) 25945
- Long Orth Motor Key (manual/motor) 26668
- Extra Long Orth Key (manual) 27206
- Manual Orth Key 26669
- Bonefix Case - 26574
  Set - 260322

ORTH THREAD

THREAD

ROG SCREWS / MEMBRANE FIXATION / GRAFT FIXATION

Temp. Max. 170°C / 338°F

Implacil
DE BORTOLI

2022 CATALOG