WELCOME TO THE WORLD

With its headquarters in the city of São Paulo, Implacil De Bortoli built a trajectory of pioneerism in 36 years, having produced over 4 million implants and components during this period for half a million patients in Brazil and abroad.

A modern company that uses state-of-the-art technology and protocols adapted to the national and international certifications in its entire production line.

The constant search for excellence in the development and manufacture of our products can be scientifically construed through several clinical researches conducted by renowned specialists in implant dentistry. This is one of the factors that make Implacil De Bortoli a differentiated company in the market.

In 2012, the group of Dr. Adriano Piallli, of the University of Chieti, in Italy, published an article in Quintessence emphasizing that the implant of Implacil De Bortoli obtained the highest osteointegration rate in the world 92.7D.

In 2014, the group of Dr. Marco Aurelio Bianchini published an article in the Clinical Oral Implants Report presenting the survival rate of 5 years of 98.28%, which is the same number as that of the world leading brand.

In 2015, in a study comparing surfaces of implants 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 manufacturers that were used as the control group.

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

What does this mean to the specialist? The certainty that the same results published in well-known scientific magazines will be obtained in any clinic, guaranteeing the predictability of the efficiency and safety of the technique and product.

OF IMPLACIL DE BORTOLI

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

There are currently more than 60 partner courses all over the country in the most reputable post-graduation teaching institutions, where over 20 thousand students in Brazil and abroad have graduated.

We also have a sales team and distributors qualified to attend to over 30,000 active customers and their needs for the proper use of our products.

Furthermore, we have clinical specialists available 24 hours a day to understand and meet the needs of each customer and their patients.

In recent years, Implacil De Bortoli has launched a number of exclusive products that make their line the most complete in the market, such as the Due Cone Abutment Smart implant, guided surgery kit for tapered implant, CAD/CAM prosthetic over implants and exclusive surgery and prosthetic kits.

In the Brazilian market, the Implacil De Bortoli brand is present in 15 Brazilian states, in addition to countries like Italy, Spain, Uruguay, Colombia and Chile.

And to continue the work of its founder, the Nilton De Bortoli Institute was created in the district of Moema in São Paulo, with the purpose of contributing to the development and improvement of Brazilian implant dentistry in the next 36 years and beyond.
Machined and sandblasted human dental implants retrieved after 5 years: a histological and histomorphometric analysis of three cases.

Giovanna Iezzi, Giovanni Vantaggiato, Jamil A. Shibli, Elisabetta Fiera, Antonello Fikes, Adriano Pizzolesi, Vittoria Perrotti.

Risk indicators for peri-implantitis. A cross-sectional study with 916 implants.


Haline Renata Dalago, Guenther Schuldt Filho, Mônica Abreu Pessôa Rodrigues, Stefan Renvert, Marco Aurélio Bianchini.

A comparative evaluation between aluminum and titanium dioxide microparticles for blasting the surface titanium dental implants: an experimental study in rabbits.

Sergio A. Gehrke, María P. Ramírez-Fernández, José Manuel Granero Marín, Marcia Barbosa Solte, Massimo Del Fabbro, José Luis Cabo Garmendia.

Cortical and trabecular bone healing patterns and quantification for three different dental implant systems.


Heloise F. Marão, Ryo Jimbo, Rodrigo Nave, Luz Fernanda Gil, Michelle Bowers, Estevam A. Bonfante, Nick Tovar, Mahn N. Jong, Paulo G. Coelho.
PRODUCT CATEGORY INDEX

**IMPLANTS**

<table>
<thead>
<tr>
<th>CHARACTERISTICS</th>
<th>DIAMETERS</th>
<th>LENGTHS</th>
</tr>
</thead>
<tbody>
<tr>
<td>External Clinical hex</td>
<td>Ø 3.3</td>
<td>3.75</td>
</tr>
<tr>
<td>Internal Cylindrical Hex</td>
<td>Ø 3.3</td>
<td>3.75</td>
</tr>
<tr>
<td>External Tapered Hex</td>
<td>Ø 3.3</td>
<td>4</td>
</tr>
<tr>
<td>Internal Tapered Hex</td>
<td>Ø 3.5</td>
<td>4</td>
</tr>
<tr>
<td>Tapered Morse Taper AR Due Cone</td>
<td>Ø 3.5</td>
<td>4</td>
</tr>
<tr>
<td>Internal Tapered Hex 5</td>
<td>6 mm</td>
<td>Ø 4.0</td>
</tr>
<tr>
<td>Tapered Morse Taper 5</td>
<td>6 mm</td>
<td>Ø 5.0 mm</td>
</tr>
</tbody>
</table>

**TAPERED DRILLS**

- Tapered Drill Ø 3.5
- Tapered Drill Ø 4.0
- Tapered Drill Ø 4.5
- Tapered Drill Ø 5.0
- Tapered Drill Ø 5.5

**TECHNICAL GUIDELINES**

- Lengths and Markings

**KITS**

**SURGICAL**

- Master Kit / Cylindrical Tapered / HE, HI, CM
- Implant Kit 5 and 6 mm HE, HI, CM
- Upgrade Kit HE, CM Ø 3.5 mm / Ø 4.0 mm
- Upgrade Kit HI, CM Ø 3.5 mm / Ø 4.0 mm
- Implant guide Kit CM AR Ø 3.5 mm
- Implant guide Kit CM AR Ø 3.5 mm / 4.0 mm

**DRILLS**

- Countersink Drill
- Spherical Drill
- Helical Drill
- Spear Drill
- Short Spear Drill
- Super Cut Drill
- Drill Extender

**DRILL SEQUENCE**

- Cylindrical External Hex
- Cylindrical Internal Hex
- External Tapered Hex
- Internal Tapered Hex
- Tapered Morse Taper AR Due Cone
- Tapered Morse Taper 5.6 mm
- Slim Ball
- Slim Abutment

**INSTRUMENTS**

- Adaptor Driver
- T Driver
- Installation Drivers HE, HI, CM AR
- Escariosas
- Male Thread
- Parallelizers
- Titanium Forceps
- Extenders
- Implant Retriever
- Surgical Stop for Helical Drills
- Torque Wrenches
- Teephne
- Short Teephne

**PROSTHESES**

- Prosthetic Kit
- Prosthetics Driver set kit
- Driver Kit
- Morse Taper Component Selection Kit
- Handling and Coupling
- Step by step
- Prosthetic possibilities

**PRODUCT CATEGORY INDEX**

**HE, HI PROSTHETIC COMPONENTS**

- MAX Healing Abutments
- Transfer
- Analog

**SCREWED PROSTHESIS**

<table>
<thead>
<tr>
<th>INDICATION</th>
<th>SINGLE</th>
<th>MULTIPLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tapered Esthetic</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Tapered Esthetic Angled</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Mini Tapered</td>
<td>•</td>
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<tr>
<td>Mini Tapered Angled</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Mini Tapered FIT</td>
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<td>•</td>
</tr>
</tbody>
</table>

**CAD/CAM SYSTEM PROSTHESIS**

- T Base
- Base T CM AR

**SMART LINE**

- CEMENTED / SCREWED PROSTHESIS
  - CM Abutment
  - CM AR Abutment

**CEMENTED PROSTHESIS**

- Anti-rotational Straight Abutment
- Anti-rotational Angled 15° and 25° Abutment
- Abutment with Collar

**OVERDENTURE PROSTHESIS**

- O’Ring
- Calcinable O’Ring
- Clip Bar

**CM PROSTHETIC COMPONENTS**

- MAX Healing Abutments
- Transfer
- Analog

**SCREWED PROSTHESIS**

<table>
<thead>
<tr>
<th>INDICATION</th>
<th>SINGLE</th>
<th>MULTIPLE</th>
</tr>
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<tbody>
<tr>
<td>Tapered Esthetic</td>
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<td>•</td>
</tr>
<tr>
<td>Tapered Esthetic CM AR</td>
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<td>Mini Tapered</td>
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<tr>
<td>Mini Tapered Angled</td>
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<tr>
<td>Mini Tapered CM AR Angulado</td>
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</table>

**CAD/CAM SYSTEM PROSTHESIS**

- Base T CM AR

**CEMENTED / SCREWED PROSTHESIS**

<table>
<thead>
<tr>
<th>INDICATION</th>
<th>SINGLE</th>
<th>MULTIPLE</th>
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<tbody>
<tr>
<td>UCLA Plastic HE</td>
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</tr>
<tr>
<td>UCLA Base Chrome HE</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>UCLA Plastic HI</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>HUCLA Chrome Base HI</td>
<td>•</td>
<td>•</td>
</tr>
</tbody>
</table>

**PRÓTESIS PROVISIONAL**

- UCLA Titânio HE
- UCLA Titânio HI

**CEMENTED PROSTHESIS**

- Anti-rotational Straight Abutment
- Anti-rotational Angled 15° and 25° Abutment
- Abutment with Collar
**IMPLANT FEATURES**

- Cylindrical implant with external hex fitting;
- Indicated for immediate or late rehabilitation;
- For rehabilitation in single-tooth or multiple-teeth cases;
- Enables the installation in any bone density: type I, II, III and IV*;
- Surface treated with alternate sand blasting and acid attack;
- Its tapered apex associated to the triangular threads facilitate its installation;
- It can be installed with ratchet driver (manual) or counter-angle driver (motor);
- Supplied with cover;
- Drilling rotation: 800-1,200 rpm;
- Installation rotation: 20 rpm;
- Suggested installation torque of up to 60 Ncm.

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

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**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>DRIVER</th>
<th>IMPLANTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø 3.5 mm</td>
<td>—</td>
</tr>
<tr>
<td>Ø 4.0 mm</td>
<td>Ø 4.0 mm</td>
</tr>
</tbody>
</table>

See the drivers available on page 30.

---

**DRILL SEQUENCE**

**BONE DENSITY**

**TYPE I**
- Helical Ø 3.7
- Drill 2/3
- Spear Ø 2.0
- Helical Ø 2.8
- Male thread Ø 3.3 *Optional*  
- Countersink Ø 3.3 *Optional*
- Hexagonal Height 0.7 mm
- Internal Thread M 1.8

**TYPE II**
- Helical Ø 3.7
- Drill 3/4
- Spear Ø 2.0
- Male thread Ø 3.25
- Countersink Ø 3.75 *Optional*  
- Countersink Ø 4.5 *Optional*
- Hexagonal Height 0.7 mm
- Internal Thread M 2.0

---

**DRILL SEQUENCE**

**BONE DENSITY**

**TYPE III**
- Helical Ø 3.7
- Drill 2/3
- Spear Ø 2.0
- Helical Ø 2.8
- Internal Thread M 2.0

**TYPE IV**
- Helical Ø 3.7
- Drill 3/4
- Spear Ø 2.0
- Helical Ø 2.8
- Internal Thread M 2.0
Cylindrical Hi

**Implant Features**

- Cylindrical implant with internal hex fitting.
- Safety for rehabilitation in single-tooth or multiple-teeth cases.
- Indicated for immediate or late rehabilitation.
- Enables the installation in any bone density: type I, II, III and IV.
- Surface treated with alternate sand blasting and acid attack.
- Its tapered apex associated to triangular threads facilitate its installation.
- It can be installed with a ratchet driver (manual) or counter-angle driver (motor).
- Supplied with cover.
- Drilling rotation: 800-1,200 rpm.
- Installation rotation: 20 rpm.
- Suggested installation torque of up to 60 Ncm.

---

**Specifications**

<table>
<thead>
<tr>
<th>DRIVER</th>
<th>IMPLANTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø 3.5 mm</td>
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</tr>
<tr>
<td>Ø 4.0 mm</td>
<td>Ø 3.75 mm</td>
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</tbody>
</table>

See the drivers available on page 30.

---

**Drill Sequence**

**Bone Density**

<table>
<thead>
<tr>
<th>TYPE I</th>
<th>TYPE II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initials</td>
<td>Implant Ø 3.3</td>
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</tbody>
</table>

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**Cylindrical Hi**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>Ø 3.3 mm</td>
<td>7 mm</td>
<td>22160</td>
</tr>
<tr>
<td>9 mm</td>
<td>221702</td>
<td></td>
</tr>
<tr>
<td>11 mm</td>
<td>22172</td>
<td></td>
</tr>
<tr>
<td>13 mm</td>
<td>22174</td>
<td></td>
</tr>
<tr>
<td>15 mm</td>
<td>22176</td>
<td></td>
</tr>
<tr>
<td>Ø 3.75 mm</td>
<td>7 mm</td>
<td>22180</td>
</tr>
<tr>
<td>9 mm</td>
<td>22182</td>
<td></td>
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<tr>
<td>11 mm</td>
<td>22184</td>
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<tr>
<td>13 mm</td>
<td>22186</td>
<td></td>
</tr>
<tr>
<td>15 mm</td>
<td>22188</td>
<td></td>
</tr>
<tr>
<td>Ø 4.3 mm</td>
<td>7 mm</td>
<td>22190</td>
</tr>
<tr>
<td>9 mm</td>
<td>22194</td>
<td></td>
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<tr>
<td>11 mm</td>
<td>22196</td>
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</tr>
<tr>
<td>15 mm</td>
<td>222006</td>
<td></td>
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<tr>
<td>Ø 4.75 mm</td>
<td>7 mm</td>
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</tr>
<tr>
<td>9 mm</td>
<td>22206</td>
<td></td>
</tr>
<tr>
<td>11 mm</td>
<td>22208</td>
<td></td>
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<tr>
<td>13 mm</td>
<td>22210</td>
<td></td>
</tr>
<tr>
<td>15 mm</td>
<td>22212</td>
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---

**Drill Sequence**

**Bone Density**

<table>
<thead>
<tr>
<th>TYPE III</th>
<th>TYPE IV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initials</td>
<td>Implant Ø 3.3</td>
</tr>
</tbody>
</table>

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**Notes:**

- *Indication of bone application according to Lekholm and Zarb Classification.
**IMPLANT FEATURES**

- Tapered implant with external hex fitting;
- Indicated for immediate or late rehabilitation;
- For single-tooth cases and safety for multiple-teeth implant rehabilitation;
- Enables the installation in any bone density: type I, II, III and IV*;
- Surface treated with alternate sand blasting and acid attack;
- Revolutionary design of trapezoidal threads accelerates bone condensation, thanks to the perfect combination of the implant taper and shape of the threads;
- Micro threads (0.25 mm) that improve its cervical adaptation;
- It can be installed with a ratchet driver (manual) or counter-angle driver (motor);
- Supplied with cover;
- Drilling rotation: 800-1,200 rpm;
- Installation rotation: 20 rpm;
- Suggested installation torque of up to 60 Ncm.

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

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>DRIVER</th>
<th>IMPLANTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø 3.5 mm</td>
<td>Ø 3.5 mm</td>
</tr>
<tr>
<td>Ø 4.0 mm</td>
<td>Ø 4.0 mm</td>
</tr>
</tbody>
</table>

See the drivers available on page 26.

**DRILL SEQUENCE**

- **TYPE I**
  - Spear Ø 2.0
  - Helical Ø 2.0
  - Tapered Drill Ø 3.5

- **TYPE II**
  - Spear Ø 2.0
  - Reamer Ø 3.5
  - Tapered Drill Ø 4.0

*Optional

**DRILL SEQUENCE**

- **TYPE III**
  - Spear Ø 2.0
  - Reamer Ø 3.5
  - Tapered Drill Ø 3.5

- **TYPE IV**
  - Spear Ø 2.0
  - Reamer Ø 5.0
  - Tapered Drill Ø 4.0

*Optional
IMPLANT FEATURES

- Tapered implant with internal hex fitting;
- Indicated for immediate or late rehabilitation;
- Excellent indication for single-tooth cases and safety for multiple-teeth rehabilitation;
- Enables the installation in any bone density: type I, II, III and IV;
- Surface treated with alternate sand blasting and acid attack;
- Revolutionary design of trapezoidal threads accelerates bone condensation, thanks to the perfect combination of the implant taper and shape of the threads;
- Micro threads (0.25 mm) that improve its cervical adaptation;
- It can be installed with a ratchet driver (manual) or counter-angle driver (motor);
- Supplied with cover;
- Drilling rotation: 800-1200 rpm;
- Installation rotation: 20 rpm;
- Suggested installation torque of up to 60 Ncm.
MORSE TAPER AR

due cone

IMPLANT FEATURES

- Tapered implant with Morse Taper fitting;
- Indicated for immediate or late rehabilitation;
- Excellent indication for single-tooth cases and safety for multiple-teeth rehabilitation;
- Enables the installation in any bone density: type I, II, III and IV*;
- Surface treated with alternate sand blasting and acid attack;
- Its prosthetic connection allows greater stability and greater bacteria seal of the prosthetic component;
- Wide line of prosthetic components with and without indexation for cemented, screwed or overdenture prostheses;
- Indexation that enables 12 positions;
- Greater contact of the prosthetic component taper with the implant taper;
- Double morse seal;
- Revolutionary design of the trapezoidal threads accelerates bone condensation, thanks to the perfect combination of the taper of the implant and shape of the threads;
- It can be installed with a ratchet driver (manual) or counter-angle driver (motor);
- Supplied with cover;
- Installation with 2 mm infra-bone in esthetic area;
- Recommended installation with minimum of 1 mm infra-bone in the esthetic area;
- Drilling rotation: 800-1,200 rpm;
- Installation rotation: 20 rpm;
- Suggested installation torque of up to 60 Ncm.

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

DRILL SEQUENCE

BONE DENSITY

TYPE I
- Spear Ø 2.0
- Helical Ø 2.0
- Tapered Drill Ø 3.5
- Tapered Drill Ø 4.0
- Tapered Drill Ø 4.5
- Tapered Drill Ø 5.0

TYPE II
- Spear Ø 2.0
- Helical Ø 2.0
- Tapered Drill Ø 3.5
- Tapered Drill Ø 4.0
- Tapered Drill Ø 4.5
- Tapered Drill Ø 5.0

TYPE III
- Spear Ø 2.0
- Reamer Ø 3.5 *Optional
- Tapered Drill Ø 3.5
- Tapered Drill Ø 4.0 *Optional

TYPE IV
- Spear Ø 2.0
- Reamer Ø 4.0 *Optional
- Tapered Drill Ø 4.0
- Reamer Ø 5.0 *Optional

SPECSIFICATIONS

LENGTH

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<thead>
<tr>
<th>Diameter</th>
<th>3.5 mm</th>
<th>4.0 mm</th>
<th>4.5 mm</th>
<th>5.0 mm</th>
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<tbody>
<tr>
<td>Apex</td>
<td>2.0 mm</td>
<td>2.8 mm</td>
<td>3.0 mm</td>
<td>3.5 mm</td>
</tr>
<tr>
<td>Depth</td>
<td>3.5 mm</td>
<td>3.5 mm</td>
<td>3.5 mm</td>
<td>3.5 mm</td>
</tr>
<tr>
<td>Internal Thread</td>
<td>1.8 mm</td>
<td>1.8 mm</td>
<td>1.8 mm</td>
<td>1.8 mm</td>
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*Indication of bone application according to Lekholm and Zarb Classification.

MAX COVER CM

<table>
<thead>
<tr>
<th>COLL</th>
<th>1 mm</th>
<th>2 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>24108</td>
<td>23974</td>
</tr>
</tbody>
</table>

Ideal for implants that were positioned 1mm below the bone crest.
**TAPERED HE Ø 4.0 / 5.0 mm**

**IMPLANT FEATURES**

- Tapered implant with external hex fitting;
- Indicated for late rehabilitation;
- Indicated for posterior superior and inferior regimes;
- Safety for rehabilitation in multiple-teeth cases;
- Completely tapered body providing better balance between bone and implant design;

**RATCHET / MOTOR DRIVER**

- Enables installation in any bone density: type I, II, III and IV;
- Drilling rotation: 200-300 rpm;
- Installation rotation: 20 rpm;
- Suggested installation torque of up to 60 Ncm.

**IMPLANT FEATURES**

- Enables installation in any bone density: type I, II, III and IV;
- Drilling rotation: 200-300 rpm;
- Installation rotation: 20 rpm;
- Suggested installation torque of up to 60 Ncm.

**DRILL SEQUENCE**

**TAPERED HE | HI**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>BONE DENSITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TYPE I</td>
<td>Spear Ø 2.0 x 5</td>
</tr>
<tr>
<td>Tapered Drill Ø 3.5</td>
<td></td>
</tr>
<tr>
<td>Tapered Drill Ø 4.0</td>
<td></td>
</tr>
<tr>
<td>Tapered Drill Ø 5.0</td>
<td></td>
</tr>
</tbody>
</table>

**IMPLANTS LENGTH**

5 mm / 6 mm

For this line of implants, the components of the ST component line should be applied (Short).* For better prosthetic planning, check the availability of components.

This line of implants provides various types of cemented or screwed type prosthetic solutions. We do not provide angled components for this type of implant.
IMPLANT FEATURES

- Tapered implant with Morse Taper fitting;
- Implant with mount;
- Indicated for late rehabilitation;
- Indicated for posterior, superior and inferior regimes;
- Safety for rehabilitation in single-tooth or multiple-teeth cases;
- Surface treated with alternate sand blasting and acid attack;
- Completely tapered body, providing better balance between bone and implant design;
- Enables the installation in any bone density type I, II, III and IV.*

- For installation, a direct torque wrench or a torque wrench coupled to the extender driver can be used. Another installation possibility is the application of the internal hex wrench directly on the mount, thus applying the internal torque enabling the manual or counter-angle installation.
- Drilling rotation: 200-300 rpm;
- Installation rotation: 20 rpm;
- Suggested installation torque of up to 60 Ncm.

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

For the installation of the Morse Taper implant, do not remove the mount.

DRILL SEQUENCE

CONE MORSE

BONE DENSITY

TYPE I

<table>
<thead>
<tr>
<th>Spear</th>
<th>ø 2.0 x 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>ø 2.0</td>
<td>5 mm</td>
</tr>
</tbody>
</table>

TYPE II

<table>
<thead>
<tr>
<th>Spear</th>
<th>ø 2.0 x 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>ø 2.0</td>
<td>5 mm</td>
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</table>

INSTALLATION DRIVERS HI

(INTERNAL TORQUE IN THE MOUNT)

EXTENDERS

<table>
<thead>
<tr>
<th>SHORT RATCHET</th>
<th>MEDIUM RATCHET</th>
<th>LONG RATCHET</th>
<th>MOTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>ø 4.0</td>
<td>ø 4.0</td>
<td>ø 4.0</td>
<td>ø 4.0</td>
</tr>
<tr>
<td>17763</td>
<td>17770</td>
<td>24609</td>
<td>24693</td>
</tr>
</tbody>
</table>

These are the same drivers used for internal hex implants. For the installation of the Morse Taper implant, do not remove the mount.

DRILL SEQUENCE

MORSE TAPER

BONE DENSITY

TYPE III

<table>
<thead>
<tr>
<th>Spear</th>
<th>ø 2.0 x 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>ø 2.0</td>
<td>5 mm</td>
</tr>
</tbody>
</table>

TYPE IV

<table>
<thead>
<tr>
<th>Spear</th>
<th>ø 2.0 x 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>ø 2.0</td>
<td>5 mm</td>
</tr>
</tbody>
</table>

INSTALLATION INSTRUMENTS AND DRIVERS

<table>
<thead>
<tr>
<th>DRIVER HI</th>
<th>IMPLANTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ø 4.0 mm</td>
<td>For mount CM</td>
</tr>
</tbody>
</table>

The driver should be used inside the mount. Do not dismount the implant for installation. See the drivers available on page 30.

DESCRIPTION | DIAMETER | LENGTH |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>TAPERED CM</td>
<td>ø 5.5 mm</td>
<td>5 mm</td>
</tr>
<tr>
<td></td>
<td>ø 5.5 mm</td>
<td>6 mm</td>
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TORQUE WRENCHES

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<th>SURGICAL</th>
<th>PROSTHETIC</th>
<th>SURGICAL</th>
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<tbody>
<tr>
<td>20 to 80 Ncm</td>
<td>30 to 80 Ncm</td>
<td>24607</td>
</tr>
<tr>
<td>19842</td>
<td></td>
<td></td>
</tr>
</tbody>
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SLIM BALL

IMPLANT FEATURES

• Indicated for regions with low bone thickness;
• Retention of prostheses over overdenture implants;
• Standard ball O’ring of 2.0 mm;
• Enables the installation in any bone density: type I, II, III and IV*;
• Installation rotation: 20 rpm;
• Suggested installation torque of up to 40 Ncm

IMPLANT COMPONENTS

MICROCAPSULE STANDARD PLASTIC CAPSULE RING
19316 19920 20039 19668

RATCHET DRIVER

DRIVER IMPLANTS
O’ring no. 2
2.5 mm 18630
3.0 mm

SPECIFICATIONS

LENGTH 7 | 8 | 9 | 10 | 11.5 | 12 | 13

Diameter 2.5 mm 30 mm
Platform 3.5 mm 35 mm
Apex 1.0 mm 10 mm
Ball height 3.3 mm 3.3 mm
Ball diameter 2.0 mm 2.0 mm

SPECIFICATIONS

DESCRIPTION DIAMETER LENGTH

SLIM BALL Ø 2.5 mm
7 mm 28509
8 mm 28516
9 mm 28523
10 mm 28530
11.5 mm 28547
12 mm 28554
13 mm 28561

SLIM BALL Ø 3.0 mm
7 mm 20267
8 mm 28570
9 mm 20263
10 mm 17861
11.5 mm 17862
12 mm 20264
13 mm 17863

DRILL SEQUENCE

TYPE I TYPE II

BONE DENSITY

Spear Ø 2.0
Slim Pilot Drill Ø 2.5 mm

IMPLANT Ø 2.5
IMPLANT Ø 3.0

DRILL SEQUENCE

TYPE III TYPE IV

BONE DENSITY

Drill Ø 1.5 mm
Spear Ø 2.0

IMPLANT Ø 2.5
IMPLANT Ø 3.0

*Indication of bone application according to Lekholm and Zarb Classification.
SLIM ABUTMENT

IMPLANT FEATURES

- Indicated for regions with little bone thickness and little mesiodistal space;
- Prosthetic versatility enabling cemented or screwed application;
- Application for single tooth;
- Enables the installation in any bone density: type I, II, III and IV*;
- Installation rotation 20 rpm;
- Suggested installation torque of up to 40 Ncm

---

RATCHET DRIVER

---

IMPLANTS

<table>
<thead>
<tr>
<th>DRIVER</th>
<th>IMPLANTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abutment driver CM 3.5</td>
<td>1.5 x 4 or 6 mm 24471</td>
</tr>
<tr>
<td>Abutment driver CM 3.5 x 4</td>
<td>3.5 x 4 27571</td>
</tr>
<tr>
<td>Abutment driver CM 3.5 x 6</td>
<td>3.5 x 6 27588</td>
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COMPONENTS

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>COFÍNULAS</th>
<th>COPÉLULAS PARAFUSA</th>
<th>TRANSFER</th>
<th>ANÁLGO</th>
<th>COVER</th>
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<tr>
<td>4 mm</td>
<td>17466</td>
<td>217415</td>
<td>17428</td>
<td>217507</td>
<td>33218</td>
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<td>6 mm</td>
<td>17503</td>
<td>217422</td>
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SPECIFICATIONS

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<th>10</th>
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<td>Platform</td>
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<tr>
<td>Apex</td>
<td>1.0 mm</td>
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DRILL SEQUENCE

<table>
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<tr>
<th>BONE DENSITY</th>
<th>TYPE I</th>
<th>TYPE II</th>
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</thead>
<tbody>
<tr>
<td>Spear Ø 2.0</td>
<td>Drill Pilot Slim Ø 2.0/2.5 mm</td>
<td></td>
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</tbody>
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*Indication of bone application according to Lekholm and Zarb Classification.
## INSTRUMENTS

### INSTALLATION DRIVERS HE

<table>
<thead>
<tr>
<th>SHORT RATCHET</th>
<th>SHORT RATCHET</th>
<th>MEDIUM RATCHET</th>
<th>MEDIUM RATCHET</th>
<th>LONG RATCHET</th>
<th>LONG RATCHET</th>
<th>MOTOR</th>
<th>MOTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø 35</td>
<td>Ø 40</td>
<td>Ø 35</td>
<td>Ø 40</td>
<td>Ø 35</td>
<td>Ø 40</td>
<td>Ø 35</td>
<td>Ø 40</td>
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<tr>
<td>23746</td>
<td>23748</td>
<td>23139</td>
<td>24618</td>
<td>24635</td>
<td>25089</td>
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### INSTALLATION DRIVERS HI

<table>
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<th>MEDIUM RATCHET</th>
<th>MEDIUM RATCHET</th>
<th>LONG RATCHET</th>
<th>LONG RATCHET</th>
<th>MOTOR</th>
<th>MOTOR</th>
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<tbody>
<tr>
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<td>Ø 40</td>
<td>Ø 35</td>
<td>Ø 40</td>
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<td>Ø 35</td>
<td>Ø 40</td>
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<tr>
<td>17756</td>
<td>17763</td>
<td>17787</td>
<td>17770</td>
<td>24612</td>
<td>24609</td>
<td>20152</td>
<td>24693</td>
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</table>

### INSTALLATION DRIVERS CM AR

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<th>MOTOR</th>
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<tbody>
<tr>
<td>Ø Todos</td>
<td>Ø Todos</td>
<td>Ø Todos</td>
</tr>
<tr>
<td>23751</td>
<td>218665</td>
<td>218634</td>
</tr>
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</table>

### T DRIVER

- DRIVER T: 17794
- MEDIUM RATCHET: 19743
- ADAPTOR DRIVER: 19804

### EXTENDERS

- DRIVER T: 17794
- MEDIUM RATCHET: 19743
- ADAPTOR DRIVER: 19804

### PARALLELIZERS

<table>
<thead>
<tr>
<th>TUNNEL CHECK SIN CALIBRE</th>
<th>TUNNEL CHECK CON CALIBRE</th>
<th>TUNNEL CHECK TAPERED Ø 3.5</th>
<th>TUNNEL CHECK TAPERED Ø 4.0</th>
<th>TUNNEL CHECK TAPERED Ø 5.0</th>
<th>ANTERIOR PARALLELIZER</th>
<th>POSTERIOR PARALLELIZER</th>
</tr>
</thead>
<tbody>
<tr>
<td>18883</td>
<td>19644</td>
<td>25119</td>
<td>25126</td>
<td>25133</td>
<td>7 mm</td>
<td>9 mm</td>
</tr>
</tbody>
</table>
| 18846                   | 18470

### SURGICAL STOP FOR HELICAL DRILLS

- Ø 2.0: 18333
- Ø 2.8: 18340
- Ø 3.3: 18357
- Ø 4.3: 18364

### TORQUE WRENCHES

<table>
<thead>
<tr>
<th>SURGICAL / PROSTHETIC</th>
<th>SURGICAL</th>
<th>PROSTHETIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 ± 10 Ncm</td>
<td>30 ± 10 Ncm</td>
<td>10 ± 40 Ncm</td>
</tr>
<tr>
<td>24407</td>
<td>19842</td>
<td>19828</td>
</tr>
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</table>
**SURGICAL KITS**

**MASTER CYLINDRICAL TAPERED**
**HE | HI | CM**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
</tr>
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<tbody>
<tr>
<td>Ratchet Driver - Implant Placement Ø 3.5 HE</td>
<td>24112</td>
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<tr>
<td>Ratchet Driver - Implant Placement Ø 4.0 HE</td>
<td>23139</td>
</tr>
<tr>
<td>Ratchet Driver - Implant Placement Ø 3.5 HI</td>
<td>17787</td>
</tr>
<tr>
<td>Ratchet Driver - Implant Placement Ø 4.0 HI</td>
<td>17770</td>
</tr>
<tr>
<td>Ratchet Driver - Implant Placement CM AR</td>
<td>218665</td>
</tr>
<tr>
<td>Motor Driver - Implant Placement Ø 3.5 HE</td>
<td>25089</td>
</tr>
<tr>
<td>Motor Driver - Implant Placement Ø 4.0 HE</td>
<td>25096</td>
</tr>
<tr>
<td>Motor Driver - Implant Placement Ø 3.5 HI</td>
<td>20152</td>
</tr>
<tr>
<td>Motor Driver - Implant Placement Ø 4.0 HI</td>
<td>24693</td>
</tr>
<tr>
<td>Motor Driver - Implant Placement CM AR</td>
<td>218634</td>
</tr>
<tr>
<td>Manual Medium Driver no. 1</td>
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</tr>
<tr>
<td>Driver no. 6 - 0.87 mm</td>
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</tr>
<tr>
<td>Driver no. 7 - 1.17 mm</td>
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<tr>
<td>Reamer 3.5 - 7 to 13 mm</td>
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<tr>
<td>Reamer 4.0 - 7 to 13 mm</td>
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<tr>
<td>Master Cylindrical Tapered HE HI CM Kit</td>
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<tr>
<td>Tapered Drill 3.5 x 7 mm</td>
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<tr>
<td>Tapered Drill 3.5 x 9 mm</td>
<td>24823</td>
</tr>
<tr>
<td>Tapered Drill 3.5 x 11 mm</td>
<td>24826</td>
</tr>
<tr>
<td>Tapered Drill 3.5 x 13 mm</td>
<td>24829</td>
</tr>
<tr>
<td>Tapered Drill 3.5 x 15 mm</td>
<td>24832</td>
</tr>
<tr>
<td>Tapered Drill 4.0 x 7 mm</td>
<td>24838</td>
</tr>
<tr>
<td>Tapered Drill 4.0 x 9 mm</td>
<td>24841</td>
</tr>
<tr>
<td>Tapered Drill 4.0 x 11 mm</td>
<td>24844</td>
</tr>
<tr>
<td>Tapered Drill 4.0 x 13 mm</td>
<td>24847</td>
</tr>
<tr>
<td>Tapered Drill 4.0 x 15 mm</td>
<td>24850</td>
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<tr>
<td>Tapered Drill 4.5 x 7 mm</td>
<td>24856</td>
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<td>Tapered Drill 4.5 x 9 mm</td>
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<td>Tapered Drill 4.5 x 11 mm</td>
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<td>Tapered Drill 4.5 x 13 mm</td>
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<td>Tapered Drill 4.5 x 15 mm</td>
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<td>Helical Drill 4.3 mm</td>
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<td>Pilot Drill 2/3</td>
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<td>Pilot Drill 3/4</td>
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<tr>
<td>Spear Drill</td>
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<tr>
<td>Super Cut Drill</td>
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<td>Drill Extenders</td>
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<td>Ratchet Extender - Medium</td>
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<tr>
<td>Measuring Probe</td>
<td>24708</td>
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<tr>
<td>Tongue Wrench 20 to 80 Nm</td>
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<tr>
<td>Tunnel Check - without gauge</td>
<td>18883</td>
</tr>
<tr>
<td>Tunnel Check - with gauge</td>
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<tr>
<td>Tapered Tunnel Check Ø 3.5</td>
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<td>Tapered Tunnel Check Ø 4.0</td>
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<td>Tapered Tunnel Check Ø 5.0</td>
<td>25133</td>
</tr>
<tr>
<td>Tunnel Check Selection of CM Components</td>
<td>20701</td>
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</tbody>
</table>

Illustrative image. Configuration suggestion of the Master Cylindrical Tapered HE | HI | CM. Check the configurations offered or configure it the best way possible to meet your needs.
**KITS**

**SURGICAL**

**IMPLANT 5 MM / 6 MM**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
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</tr>
</thead>
<tbody>
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<td>24871</td>
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<td>Tapered Drill 3.5 x 5 mm</td>
<td>24889</td>
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<tr>
<td>Ratchet Driver - Implant Placement Ø 4.0 HE</td>
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<tr>
<td>Ratchet Driver - Implant Placement Ø 4.0 HI</td>
<td>17770</td>
</tr>
<tr>
<td>Motor Driver - Implant Placement Ø 4.0 HE</td>
<td>25096</td>
</tr>
<tr>
<td>Motor Driver - Implant Placement Ø 4.0 HI</td>
<td>24693</td>
</tr>
<tr>
<td>Kit</td>
<td>27977</td>
</tr>
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**UPGRADE HE | CM Ø 3.5 MM / Ø 4.0 MM**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Tapered Drill 3.5 x 7 mm</td>
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<tr>
<td>Tapered Drill 4.0 x 13 mm</td>
<td>24847</td>
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<tr>
<td>Tapered Drill 4.0 x 15 mm</td>
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<td>Kit</td>
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<td>Ratchet Driver - Implant Placement Ø 3.5 HE</td>
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<tr>
<td>Ratchet Driver - Implant Placement Ø 4.0 HE</td>
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<tr>
<td>Motor Driver - Implant Placement Ø 4.0 HE</td>
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<tr>
<td>Motor Driver - Implant Placement CM AR</td>
<td>218634</td>
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**UPGRADE HI | CM Ø 3.5 MM / Ø 4.0 MM**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>CODE</th>
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<tbody>
<tr>
<td>Tapered Drill 3.5 x 7 mm</td>
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<tr>
<td>Tapered Drill 3.5 x 15 mm</td>
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<tr>
<td>Tapered Drill 4.0 x 7 mm</td>
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<tr>
<td>Kit</td>
<td>22469</td>
</tr>
<tr>
<td>Ratchet Driver - Implant Placement Ø 3.5 HI</td>
<td>17787</td>
</tr>
<tr>
<td>Ratchet Driver - Implant Placement Ø 4.0 HI</td>
<td>17770</td>
</tr>
<tr>
<td>Motor Driver - Implant Placement Ø 3.5 HI</td>
<td>218665</td>
</tr>
<tr>
<td>Motor Driver - Implant Placement Ø 4.0 HI</td>
<td>20152</td>
</tr>
<tr>
<td>Motor Driver - Implant Placement CM AR</td>
<td>24693</td>
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<tr>
<td>Motor Driver - Implant Placement CM AR</td>
<td>218634</td>
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</tbody>
</table>

Illustrative images feature configuration suggestions for the same kit. Check the configuration offered or configure it the best way possible to meet your needs.
**Illustrative image. Configuration suggestion of the Excellence Raptor CM 3.5 4.0. This kit can be configured as 3.5 or 3.5 and 4.0.**

**Check the configuration offered or configure it the best way possible to meet your needs.**

### Ø 3.5 MM

<table>
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### Ø 3.5 MM | 4.0 MM

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<td>20619</td>
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<tr>
<td>Short Ratchet Extender</td>
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*Illustration image: Configuration suggestion of the Excellence Raptor CM 3.5 4.0. This kit can be configured as 3.5 or 3.5 and 4.0. Check the configuration offered or configure it the best way possible to meet your needs.*
Illustrative image. Various configuration suggestions for the same kit. Check the configuration offered or configure it the best way possible to meet your needs.

PROSTHETIC KIT

DESCRIPTION
Manual Medium Driver no. 1 1M 18623
Oiring Driver with Medium Hex 2M 18630
Friction Driver (Transfer MF) 3 18647
Medium Square Driver (Hex Abutment, Ucla, Anti-Rotational abutment) (30 Ncm) 4M 18654
Medium Tapered Esthetic / Mini Tapered Driver (20Ncm) 5M 18661
Medium Cover Driver (Hex 0.87) (HE and HI) (10Ncm) 6M 18326
Medium Healing Abutment Driver (Morse Taper Cover, Tapered Esthetic Coping, Mini Tapered Coping and Abutment Angled) (Hex. 1.17), (application of 10 to 20Ncm according to the indication for each component)
Screwdriver 8M 18692
Prosthetic Torque Wrench 10 to 40 Ncm 19828
Morse Taper Abutment Driver 3.5 x 4 27571
Morse Taper Abutment Driver 3.5 x 6 27588
Morse Taper Abutment Driver 4.5 x 4 27595
Morse Taper Abutment Driver 4.5 x 6 27601
Morse Taper Abutment Driver AR 3.5 227674
Morse Taper Abutment Driver AR 4.5 23967
Tunnel Check for Morse Taper Prosthesis 20701

DESCRIPTION
Manual Medium Driver no. 1 1M 18623
Oiring Driver with Medium Hex 2M 18630
Friction Driver (Transfer MF) 3 18647
Medium Square Driver (Hex Abutment, Ucla, Anti-Rotational abutment) (30 Ncm) 4M 18654
Medium Tapered Esthetic / Mini Tapered Driver (20Ncm) 5M 18661
Medium Cover Driver (Hex 0.87) (HE and HI) (10Ncm) 6M 18326
Medium Healing Abutment Driver (Morse Taper Cover, Tapered Esthetic Coping, Mini Tapered Coping and Abutment Angled) (Hex. 1.17), (application of 10 to 20Ncm according to the indication for each component)
Screwdriver 8M 18692
Prosthetic Torque Wrench 10 to 40 Ncm 19828
Morse Taper Abutment Driver 3.5 x 4 27571
Morse Taper Abutment Driver 3.5 x 6 27588
Morse Taper Abutment Driver 4.5 x 4 27595
Morse Taper Abutment Driver 4.5 x 6 27601
Morse Taper Abutment Driver CM AR 3.5 227674
Morse Taper Abutment Driver CM AR 4.5 23967
Tunnel Check for Morse Taper Prosthesis 20701
Placement Driver for Angled Abutment CM 220317

DRIVERS

Manual Scalpel Driver BD 18852
Motor Scalpel Driver 8M 20749
Short Manual Driver 1C 21371
Manual Medium Driver no. 1 1M 18623
Oiring Driver with Medium Hex 2M 18630
Friction Driver (Transfer MF) 3 18647
Medium Square Driver (Hex Abutment, Ucla, Anti-Rotational abutment) (30 Ncm) 4M 18654
Long Square Driver (Hex Abutment, Ucla, Anti-Rotational abutment) 4L 20589
Medium Tapered Esthetic / Mini Tapered Driver (20Ncm) 5M 18661
Short Cover Driver (Hex 0.87) (HE and HI) (10Ncm) 6C 22002
Medium Cover Driver (Hex 0.87) (HE and HI) (10Ncm) 6M 18326
Long Cover Driver (Hex 0.87) (HE and HI) (10Ncm) 6L 18678
Short Healing Abutment Driver (Cover Cone, Morse, Tapered Esthetic Coping, Mini Tapered Coping and Abutment Angled) (Hex. 1.17), (application of 10 to 20Ncm according to the indication for each component)
Medium Healing Abutment Driver (Morse Taper Cover, Tapered Esthetic Coping, Mini Tapered Coping and Abutment Angled) (Hex. 1.17), (application of 10 to 20Ncm according to the indication for each component)
Long Healing Abutment Driver (Cover Cone, Morse, Tapered Esthetic Coping, Mini Tapered Coping and Abutment Angled) (Hex. 1.17), (application of 10 to 20Ncm according to the indication for each component) 7L 20619
Long Healing Abutment Driver (Cover Cone, Morse, Tapered Esthetic Coping, Mini Tapered Coping and Abutment Angled) (Hex. 1.17), (application of 10 to 20Ncm according to the indication for each component) 8L 20619

Screwdriver 8M 18692
Prosthetic Torque Wrench 10 to 40 Ncm 19828
Morse Taper Abutment Driver 3.5 x 4 27571
Morse Taper Abutment Driver 3.5 x 6 27588
Morse Taper Abutment Driver 4.5 x 4 27595
Morse Taper Abutment Driver 4.5 x 6 27601
Morse Taper Abutment Driver CM AR 3.5 227674
Morse Taper Abutment Driver CM AR 4.5 23967
Tunnel Check for Morse Taper Prosthesis 20701

REFERENCE LENGTHS

Illustrative image. Reference lengths for various components. Check the reference length offered or configure it the best way possible to meet your needs.

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PROSTHETIC INSTRUMENTS

45
**FEATURES OF THE PROSTHETIC SELECTION KIT - CM**

- The most complete selection kit with Morse Taper components helps in the selection of the transmucosal implant, type of component, angulation, diameter and height of the element to be used.
- The only system that gives the option of three combinations of the same collars, which helps in the planning for multiple elements;
- Easy to handle;
- High precision;
- Made in aluminum.

**SURGICAL AND PROSTHETIC PLANNING**

Planning is no doubt one of the most important phases of the treatment and a success determining factor of the prosthesis over implants.

With the Selection kit we are able to analyze:

- Diameter;
- Abutment height;
- Type of system (cemented or screwed);
- Straight or angled;
- The following criteria should be observed when planning a treatment that involves prosthesis over implants:
  - Ideal position of the crown in the arch;
  - Ideal position of the implant (taking as reference the already established position of the crown);
  - Selection of the most suitable component to obtain the best crown/implant connection result.

**SELECTION TUNNEL CHECK CM**

- Applied by measurement;
- After the placement of the implant CM / CM AR, its markings serve as parameters for selecting the desired collar;
- 1.5 mm to 2 mm sub-gingival is indicated, i.e., this value should be subtracted from the marking observed.

**HANDLING AND COUPLING**

Collar Driver helps in mounting and fitting the accessories.

Coupling and mounting of the collar and component.

Kit for application of 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 up to the gingival level.

After subtracting the value of 2 mm, the collar of 1.5 mm is selected.

Collar applied.

Observation of the ideal gingival level.

**PROSTHETIC POSSIBILITIES**

- **3.5 x 4 mm**
- **3.5 x 6 mm**
- **4.5 x 4 mm**
- **4.5 x 6 mm**
- **Angled 15°**
- **Angled 25°**
- **Tapered Esthetic**
- **Mini Tapered**
- **Mini Tapered Angled**
HEALING ABUTMENTS
MAX

HEALING ABUTMENT FEATURES

• The Healing Abutment has the purpose of remodeling the gingival tissue, preparing for the completion of the case, for prosthetic application over the implant.
• Estimated time to achieve the remodeling objective is from 7 to 30 days.
• Driver for hex installation no. 7 – 1.17 mm.

HEALING ABUTMENTS
MAX
TRANSFER

For implants of 5 mm to 15 mm.

HEALING ABUTMENT FEATURES

• The Healing Abutment has the purpose of remodeling the gingival tissue, preparing for the completion of the case, for prosthetic application over the implant;
• Estimated time to achieve the remodeling objective is from 7 to 30 days;
• Driver for hex installation no. 7 – 1.17 mm.

HEALING ABUTMENTS
MAX
TRANSFER

For implants of 5 mm to 15 mm.

HEALING ABUTMENTS
MAX
TRANSFER

For implants of 5 mm to 15 mm.

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MAX
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HEALING ABUTMENTS
MAX
TRANSFER

For implants of 5 mm to 15 mm.

HEALING ABUTMENTS
MAX
TRANSFER

For implants of 5 mm to 15 mm.
**Components for Tapered Esthetic**

**Transfer**

- **Component**: Driver no. 3.
- **Installation torque**: 10 Ncm.

**Analog**

- **Component**: Driver no. 5.
- **Coping**: Open Tray.
- **Installation torque**: 20 Ncm.

**Replacement Work Screw**

- **Component**: Anti-rotational.
- **Coping**: Healed Abutment.
- **Installation torque**: 10 Ncm.

**Application Sequence**

**Single-tooth**

- **Component**: Driver no. 7.
- **Coping**: Open Tray.
- **Installation torque**: 20 Ncm.

**Multiple-teeth**

- **Component**: Driver no. 7.
- **Coping**: Open Tray.
- **Installation torque**: 20 Ncm.

**Screwed Prosthesis**

- Fixed prostheses and protocols in general, especially in the esthetic region where the height of the soft tissue is higher or equal to 2 mm.
- Indicated for single-tooth and multiple-tooth cases.
- In single-tooth cases, use anti-rotational sequence.
- In multiple-tooth cases, use anti-rotational sequence.
- The angled component does not have anti-rotational device, and it must not be used in single-tooth prostheses.
- The component and accessory kit requires approximate interocclusal height of 6.7 mm, and it must also consider the metal ceramic volume according to the plan and prosthetic execution.

**Esthetic Components for Tapered Esthetic**

- **Component**: Driver no. 7.
- **Rotational Transfer**: Open Tray.
- **Installation torque**: 20 Ncm.

- **Component**: Driver no. 5.
- **Coping**: Open Tray.
- **Installation torque**: 20 Ncm.

- **Component**: Driver no. 7.
- **Coping**: Closed Tray.
- **Installation torque**: 20 Ncm.

- **Component**: Driver no. 7.
- **Coping**: Closed Tray.
- **Installation torque**: 20 Ncm.

**Healed Abutment Cover**

- **Component**: Anti-rotational.
- **Coping**: Healed Abutment.
- **Installation torque**: 10 Ncm.

**Replacement Work Screw**

- **Component**: Anti-rotational.
- **Coping**: Healed Abutment.
- **Installation torque**: 20 Ncm.

**Coping**

- **Component**: Anti-rotational.
- **Coping**: Healed Abutment.
- **Installation torque**: 10 Ncm.

**Material**

- **Component**: Titanium F67 Gr4 Usinado.
- **Coting**: Anti-rotational Chrome Base.

**Angled**

- **Component**: Healed Abutment.
- **Coping**: Healed Abutment.
- **Installation torque**: 20 Ncm.

**Straight**

- **Component**: Healed Abutment.
- **Coping**: Healed Abutment.
- **Installation torque**: 10 Ncm.

**Collar**

- **Component**: Ø Single.
- **Coting**: Anti-rotational Chrome Base.

**For implants of 5 mm to 6 mm. Diameter of the component Ø 4.8 mm.**

- **Component**: Collar Ø 3.5 Ø 4.0 Ø 5.0
- **Coting**: Anti-rotational Chrome Base.

**For implants of 7 mm to 15 mm. Diameter of the component Ø 4.8 mm.**

- **Component**: Collar Ø 3.5 Ø 4.0 Ø 5.0
- **Coting**: Anti-rotational Chrome Base.

**Components for Tapered Esthetic**

- **Component**: Driver no. 7.
- **Coping**: Open Tray.
- **Installation torque**: 20 Ncm.

- **Component**: Driver no. 5.
- **Coping**: Open Tray.
- **Installation torque**: 20 Ncm.

- **Component**: Driver no. 7.
- **Coping**: Closed Tray.
- **Installation torque**: 20 Ncm.

- **Component**: Driver no. 7.
- **Coping**: Closed Tray.
- **Installation torque**: 20 Ncm.
**MINI TAPERED**

**SCREWED PROSTHESIS**

- Fixed prostheses and protocols in general.
- Indicated for multi-teeth cases.
- The angled component of 17° or 30° enables the correction of the angulation of the implants.
- The component and accessory kit requires approximate interocclusal height of 4.8 mm, and it must also consider the metal ceramic volume according to the plan and prosthetic execution.

**APPLICATION SEQUENCE**

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<th>MULTI-TEETH</th>
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**COLLAR Ø 4.8 mm**

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**TRANSFER**

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**ANALOG**

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**COPING**

- Description: Rotational, Rotational Plastic, Titanium, Chrome Base Coping (Laboratory).
- Driver: no. 5, no. 7.

**REPLACEMENT SCREW**

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<th>Driver no. 5</th>
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**MINI TAPERED FIT**

**SCREWED PROSTHESIS**
- Fixed prostheses and protocols in general.
- Indicated for multiple-teeth cases.
- The Mini Tapered FIT component has a single body and parallel emerging profile. This feature reduces osteotomy and facilitates installation.
- The component and accessory kit requires approximate interocclusal height of 4.8 mm and it must also consider the metal ceramic volume according to the plan and prosthetic.

**COMPONENTS**

**COLLAR Ø 4.0**
- 1 mm: 226493
- 2 mm: 226509
- 3 mm: 226516
- 4 mm: 226523
- 5 mm: 226530

**COLLAR Ø 4.6**
- 1 mm: 226394
- 2 mm: 226400
- 3 mm: 226417
- 4 mm: 226424
- 5 mm: 226431

**APPLICATION SEQUENCE**

**MULTIPLE-TEETH**

- **STRAIGHT**
  - Driver no. 5
  - Driver no. 7
  - Titanium Coping (Temporary)
  - Healing Abutment Cover
  - Rotational Analog

- **REPLACEMENT WORK SCREW**

- **COPING SCREW**

**T BASE**

**CAD/CAM PROSTHESIS SYSTEM**
- The T Base abutments are prosthetic components used for CAD/CAM systems. It enables the execution of customized ceramic abutments for a wide range of individualized solutions.
- Available for External Hex, Internal Hex and Morse Taper CMAR implants.
- The T Base line also has a Scancorp T Base system that offers superior surface quality and a unique geometry for high-precision digital results. Scancorp is used in combination with the T Base abutments.

**COMPONENTS PARA MINI TAPERED**

**TRANSFER**
- Open Tray
- Rotational
- Closed Tray

**ANALOG**
- Rotational

**COPING**
- Chrome Base
- Plastic
- Titanium

**SCANCORP**
- Scancorp Ø 3.5 Small
- Scancorp Ø 4.0 Large

**APPLICATION SEQUENCE**

Consult the availability of open or closed tray transfer, according to the selected component line and implant. Illustrative images.

**3.5 SMALL**
- 3.5 mm
- 4.2 mm

**4.0 LARGE**
- 4.1 mm
- 5.0 mm
**UCLA PLASTIC**

**CEMENTED / SCREWED PROSTHESIS**

- Calcinable 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 an abutment or customized metal structure. After this stage, it is applied over the implant.

- Best indication for making customized abutments.

**Cemento / Screwing Prosthesis**

- Versatile component that may be cemented or screwed, applied for overdenture, protocol, and single-tooth or multiple-tooth elements.

- Anti-rotational or Rotational.

- Supplied with permanent screw.

- Installation torque: 30 Ncm.

- Installation driver: Square driver no. 4 - 1.3 mm.

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### REPAIR SCREW

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### WORKING SCREW

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**APPLICATION SEQUENCE**

This sequence should be applied according to the type of implant already used for illustrative images.
ABUTMENT

CEMENTED PROSTHESIS

STRAIGHT ANTI-ROTATIONAL

- These are extremely versatile abutments that can be customized at the dentist’s office or in a laboratory and adapted according to plan;
- Perfect adaptation due to it being a machined component;
- Component used in single-tooth or multiple-teeth;
- Requires parallelism in multiple-teeth cases;
- Supplied with permanent screw;
- Installation torque: 30 Ncm;
- Requires parallelism in multiple-teeth cases;
- Component used in single-tooth or multiple-teeth;
- Perfect adaptation due to it being a machined component;

ANGLED 15° AND 25° ANTI-ROTATIONAL

- Enables the rehabilitation of implants with unfavorable position causing parallelism;
- Perfect adaptation due to it being a machined component;
- There may be loss of esthetics due to the “shoulder” shaped to obtain the suitable angulation;
- Requires a good amount of soft tissue to be esthetic, due to the shoulder;
- Supplied with permanent screw;
- Installation torque: 20 Ncm;
- Requires a good amount of soft tissue to be esthetic, due to the shoulder;

ABUTMENT WITH COLLAR

- Abutments with differential collars where the professional can prepare the components preserving the soft tissue thickness, creating a customized and safe profile, obtaining the esthetic and biological gains;
- These are extremely versatile abutments that can be customized at the dentist’s office or in a laboratory and adapted according to plan;
- It has perfect adaptation, due to it being a machined component;
- Component used in single-tooth or multiple-teeth;
- Requires parallelism in multiple-teeth cases;
- Supplied with permanent screw;
- Installation torque: 20 Ncm;
- Installation driver: Square driver no. 4 - 1.3 mm.

APPLICATION SEQUENCE

This sequence must be applied according to the type of implant already used (HE or HI).

REPLACEMENT SCREW

- Permanence Screw
- Working Screw

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</table>
Cemented / Screwed Abutment CM

- Diameter 3.5 and 4.5
- Height 4.0 and 6.0
- Collars 0.8 / 1.5 / 2.5 / 3.5 / 4.5 / 5.5
- Single body (has no indexation)
- It can be applied in Conventional Morse Taper and Morse Taper AR (Due Cone) implants
- All the diameters and collars may be used on any morse taper implant diameter facilitating the prosthetic solution
- It has analog, transfer and copings corresponding to the diameter and height of the abutments
- Used for single-tooth or multiple-teeth prostheses
- Parallelism is required in multiple-teeth prostheses cases the rotational copings may be used to facilitate the applications
- It is necessary to use CM ST components for Morse Taper implants of 5 and 6 mm
- Installation torque: 30 Ncm
- Installation driver: use the abutment driver suitable for the diameter and height of the abutment selected
- Screwed Coping Installation Driver: Hex Driver no. 7 - 1.17 mm

Components for Abutments

- Cemented or Screwed Anti-rotational Coping (Laboratory)
- Cemented Element (Cementing)
- Screwed Element (Driver no. 7)

Type of Application

Abutment CM

Selection Kit

Abutment

Transfer

Analog

Cemented or Screwed Anti-rotational Coping (Laboratory)

Cemented Element (Cementing)

Screwed Element (Driver no. 7)

Open or closed tray technique. Used for selection of indexed components. Applied only for Morse Taper CM AR implants.

Cemented or Screwed Abutment CM AR

- Diameter 3.5 and 4.5
- Height 4.0 and 6.0
- Collars 0.8 / 1.5 / 2.5 / 3.5 / 4.5 / 5.5
- Used on Morse Taper AR implants (Due Cone), indexed abutments
- All the diameters and collars may be used on any morse taper implant diameter facilitating the prosthetic solution
- Used for single-tooth or multiple-teeth prostheses
- Parallelism is required in multiple-teeth prostheses cases. Rotational copings may be used to facilitate the applications
- Installation torque: 30 Ncm
- Installation driver: use the abutment driver suitable for the diameter and height of the abutment selected
- Installation driver components 3.5 Driver CM AR 3.5 (code 227676);
- Installation driver components 4.5 Driver CM AR 4.5 (code 23 67);
- Screwed Coping Installation Driver: Hex Driver no. 7 - 1.17 mm

Components for Abutments

- Cemented or Screwed Anti-rotational Coping (Laboratory)
- Cemented Element (Cementing)
- Screwed Element (Driver no. 7)
**CEMENTED ANGLED ABUTMENT CM**

- Angled 15 (2 mm) and 25 (3 mm).
- Diameter: 3.5 and 4.5.
- Height: 4.0 and 6.0.
- Collars 0.8, 1.5, 2.5 and 3.5.
- It can be applied in Conventional Morse Taper and Morse Taper AR (Due Cone) implants.
- Enables the rehabilitation of implants with unfavorable position causing parallelism between these or with the adjacent teeth.
- There may be loss of esthetics due to the "shoulder" shaped to obtain the suitable angulation.
- Requires a good amount of soft tissue to be esthetic due to the shoulder.

**COMPONENTS FOR ABUTMENTS**

<table>
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<tr>
<th>CM</th>
<th>CM AR</th>
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</table>

**CEMENTED ANGLED ABUTMENT CM AR**

- Angled 15 (2 mm) + 25 (3 mm).
- Diameter: 3.5 e 4.5.
- Height de 4.0 e 6.0.
- Collars 0.8, 1.5, 2.5 e 3.5.
- It can be applied on Morse Taper AR (Due Cone) implants.
- Advantage of the anti-rotation position that allows the repositioning of the element when necessary.
- Enables the repositioning of implants with unfavorable position causing parallelism between these or with the adjacent teeth.
- Requires a good amount of soft tissue to be esthetic due to the shoulder.

**COMPONENTS FOR ABUTMENTS**

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<td>4.5 x 6</td>
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*A Angled/Antirotational CM | CM AR does not allow the execution of screwed elements. Use cemented copings for this option.*
OVERDENTURE

- Component with individual ball head with various heights of collars for overdentures;
- Also indicated for patients with cleaning difficulty;
- Perfect adaptation, due to it being a machined component;
- Requires parallelism;

- Single body;
- It is not used as a single-tooth element;
- Installation torque: 25 Ncm;
- Installation driver: O’Ring Hex Driver – no. 2 - 2.5 mm.

O’RING

- Collar Ø 3.5 Ø 4.0 Ø 5.0
  - 1 mm: 204514 3346 3391
  - 2 mm: 204538 3353 3407
  - 3 mm: 204552 3360 3414
  - 4 mm: 204576 3377 3421
  - 5 mm: 204590 3384 3438

Calcimable O’ring for Positioning

- Ø 4.0 mm
- Ø 4.8 mm

For implants of 7 mm to 15 mm.

O’RING

- Collar Ø 3.5 Ø 4.0 Ø 5.0
  - 1 mm: 3148 3193 3247
  - 2 mm: 3155 3209 3254
  - 3 mm: 3162 3216 3261
  - 4 mm: 3179 3223 3278
  - 5 mm: 3186 3230 3285

O’RING

- Collar Ø 0.8 Ø 1.5 Ø 2.5 Ø 3.5 Ø 4.5 Ø 5.5
  - 0.8 mm: 24280
  - 1.5 mm: 24297
  - 2.5 mm: 24303
  - 3.5 mm: 24310
  - 4.5 mm: 24327
  - 5.5 mm: 24334

OVERDENTURE

- Component with calcimable plastic individual ball head used for casting
- Cast in a laboratory over the bars with the ideal parallelometer in the correction of different implants
- It is not used as a single-tooth element.

O’RING

- Single body;
- It is not used as a single-tooth element;
- Installation torque: 25 Ncm;
- Installation driver: O’Ring Hex Driver – no. 2 - 2.5 mm.

CLIP BAR

- Clip type plastic component that adapts to the bar for overdentures used as a retaining system in which the implants are joined together by a metal bar;
- It can also be used in combination with the O’ring (Mixed System);
- Indicated for the mandible and maxilla.

CLIP BAR

- CLIP BAR - Kit
- CLIP BAR - Cylindrical
- CLIP BAR – Straight
- CLIP BAR - 35°
- CLIP BAR - 70°