

CATALOG **2018**



DENTAL IMPLANT SYSTEM

# 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 Piatelli, 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 Aurélio Bianchini published an article in the Clinical Oral Implants Report presenting the survival rate of 5 years of 98.28D, which is the same number as that of the world leading brand.

In 2016, 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 prosthesis 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 the Brazilian implant dentistry in the next 36 years and beyond.



Nilton De Bortoli Junior and Mario Sérgio De Bortoli start working with their father. Start of the manufacture of conventional implants: blades, screws and bicortical screws.

Nilton De Bortoli Junior goes to the United States in search of osteointegrated implant technology

Nilton De Bortoli starts lecturing the first implant dentistry course at APCD.

Business partnership with ACE Surgical Supply Co. (USA) - external hex.

Implacil De Bortoli presents its new generation of implants, with tapered shape and surface treatment. Morse Taper Implant.

Obtainment of the first CE certification. Start of marketing in Europe.

International certification for the publication of 7 articles in high-impact magazines.

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

Creation of the Nilton De Bortoli Institute and Launch of the ceramic prosthetic line for CAD/CAM.

35 years of Implacil De Bortoli International Meeting.

1982

1987

1990

1993

2007

2010

2013

2015

2017

1972

1985

1988

1992

2004

2009

2012

2014

2016

2018

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

Creation of De Bortoli and start of researches with osteointegrated implant.

Osteointegration officially arrives in Brazil, with the visit of P-I Brånemark to the country.

Nilton De Bortoli and Nilton De Bortoli Junior start lecturing at Fundectio.

Launch of the line of implants with internal hex fitting.

The company De Bortoli becomes Implacil De Bortoli.

Implant produced by Impacil De Bortoli reaches BIC\* of 92.7D.

Prosthetic components with scientifically tested\*\* international quality standard.

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

Implacil De Bortoli. The first with 3D projection in Brazilian Dentistry.

Road Tour through the main Brazilian capital cities.

THE FIRST BRAZILIAN IMPLANT COMPANY

HAS A GOOD STORY TO TELL.

\*Page 7. Machined and sandblasted human dental implants retrieved after 5 years: a histological and histomorphometric analysis of three cases. Quintessence International 2012;43(4):287-92.

\*\*IMPLANTNEWS 2014;11(4):514-8.





**NATIONAL LEADER  
IN SCIENTIFIC EVIDENCE**



**BIC  
Bone Implant Contact**



**Machined and sandblasted human dental implants retrieved after 5 years: a histological and histomorphometric analysis of three cases.**

**Quintessence International**  
2012;43(4):287-92.  
*Giovanna Iezzi, Giovanni Vantaggiato, Jamil A. Shibli, Elisabetta Fiera, Antonello Falco, Adriano Piattelli, Vittoria Perrotti.*

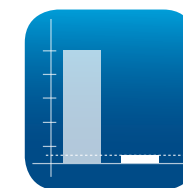
**Survival rate**



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

**Clin Oral Implants Res**  
2017;28(2):144-50. DOI: 101111/clr.12772 (Epub 2016 Jan 11).  
*Haline Renata Dalago, Guenther Schuldt Filho, Mônica Abreu Pessôa Rodrigues, Stefan Renvert, Marco Aurélio Bianchini.*

**Lowest peri-implant  
occurrence rate**



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

**Clin Oral Implants Res**  
2017;28(2):144-50. DOI: 101111/clr.12772 (Epub 2016 Jan 11).  
*Haline Renata Dalago, Guenther Schuldt Filho, Mônica Abreu Pessôa Rodrigues, Stefan Renvert, Marco Aurélio Bianchini.*

**TiO<sub>2</sub> surface  
equivalent or  
superior to AlO<sub>2</sub>**



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

**Clin Oral Implants Res**  
2016 Sep 24.  
*Sergio A. Gehrke, María P. Ramirez-Fernandez, José Manuel Granero Marin, Marcos Barbosa Salles, Massimo Del Fabbro, José Luis Calvo Guirado.*

**Osteointegration  
equivalent or  
superior to imported  
implants**



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

**Int J Oral Maxillofac Implants**  
2016;32(3):585-92.  
*Heloisa F. Marão, Ryo Jimbo, Rodrigo Neiva, Luiz Fernando Gil, Michelle Bowers, Estevam A. Bonfante, Nick Tovar, Malvin N. Janal, Paulo G. Coelho.*

IMPLANTS

CHARACTERISTICS

	DIAMETERS		LENGTHS	
External Clinical hex	Ø 3.3	3.75   4.0   4.75 mm	8   10   11.5   13   15 mm	10
Internal Cylindrical Hex	Ø 3.3	3.75   4.3   4.75 mm	7   9   11   13   15 mm	12
External Tapered Hex	Ø 3.5	4.0   5.0 mm	7   9   11   13   15 mm	14
Internal Tapered Hex	Ø 3.5	4.0   5.0 mm	7   9   11   13   15 mm	16
Tapered Morse Taper AR Due Cone	Ø 3.5	4.0   4.5   5.0 mm	7   9   11   13   15 mm	18
External Tapered Hex 5   6 mm	Ø 4.0	5.0 mm	5   6 mm	20
Internal Tapered Hex 5   6 mm	Ø 4.0	5.0 mm	5   6 mm	21
Tapered Morse Taper	Ø 5.5 mm		5   6 mm	22
Slim Bola	Ø 2.5	3.0 mm	7   8   9   10   11.5   12   13 mm	24
Slim Abutment	Ø 2.5	3.0 mm	7   8   9   10   11.5   12   13 mm	26

DRILL SEQUENCE

Cylindrical External Hex	11
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External Tapered Hex	15
Internal Tapered Hex	17
Tapered Morse Taper AR Due Cone	19
External Tapered Hex 5   6 mm	20   21
Internal Tapered Hex 5   6 mm	20   21
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Tapered Drill Ø 4.5	34
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HE, HI PROSTHETIC COMPONENTS

MAX Healing Abutments	50
Transfer	51
Analog	51

SCREWED PROSTHESIS

	INDICATION	
	SINGLE	MULTIPLE
Tapered Esthetic	•	• 52
Tapered Esthetic Angled		• 52
Mini Tapered		• 54
Mini Tapered Angled		• 54
Mini Tapered FIT		• 56

CAD/CAM SYSTEM PROSTHESIS

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CEMENTED / SCREWED PROSTHESIS

UCLA Plastic HE	•	• 58
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CEMENTED PROSTHESIS

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O'ring	66
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MAX Healing Abutments	50
Transfer	51
Analog	51

SCREWED PROSTHESIS

	INDICATION	
	SINGLE	MULTIPLE
Tapered Esthetic	•	• 52
Tapered Esthetic CM AR	•	• 52
Mini Tapered		• 54
Mini Tapered Angled		• 54
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CAD/CAM SYSTEM PROSTHESIS

Base T CM AR	•	57
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SMART LINE

CEMENTED / SCREWED PROSTHESIS

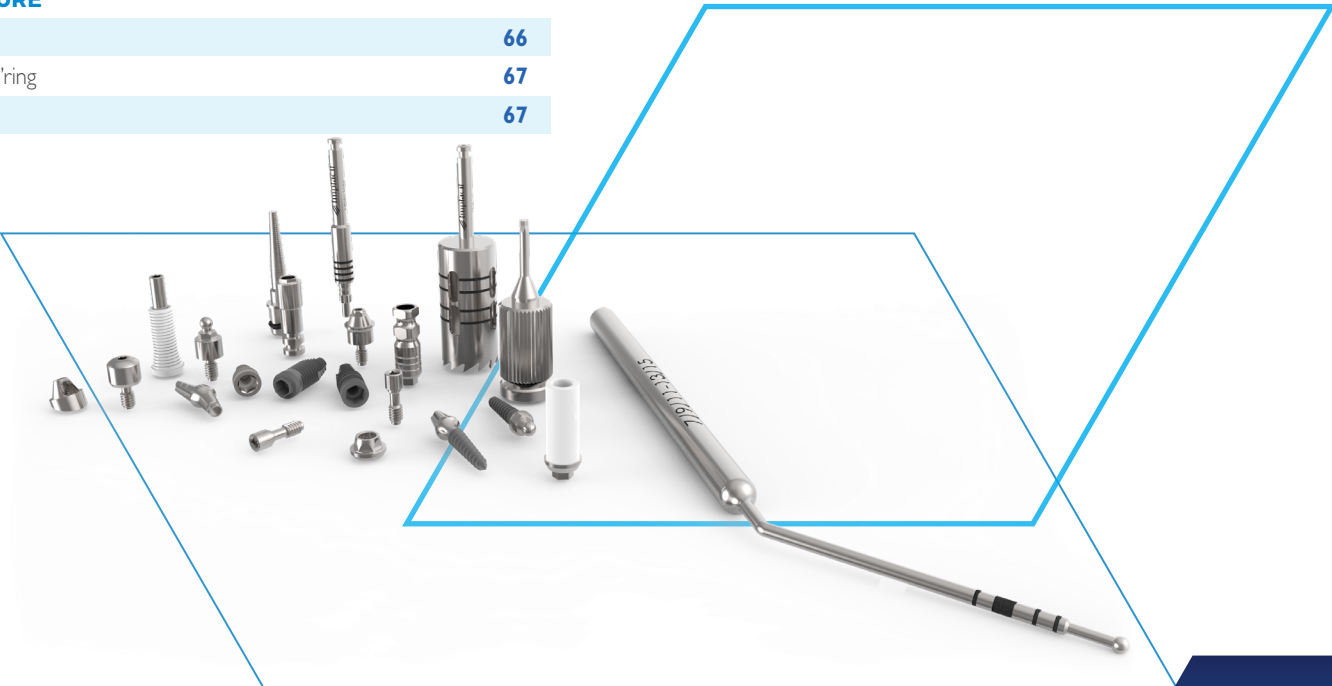
CM Abutment	•	• 62
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CEMENTED PROSTHESIS

CM Angled Abutment	•	• 64
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OVERDENTURE PROSTHESIS

O'ring	66
Calcinable O'ring	67
Clip Bar	67



# IMPLANTS





CYLINDRICAL  
HE

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.



RATCHET / MOTOR DRIVER



DRIVER	IMPLANTS		
Ø 3.5 mm	—	Ø 3.3 mm	—
Ø 4.0 mm	Ø 3.75 mm	Ø 4.0 mm	Ø 4.75 mm

See the drivers available on page 30.

SPECIFICATIONS

LENGTH	8   10   11.5   13   15 mm		
Diameter	3.3 mm	3.75 mm   4.0 mm	4.75 mm
Platform	3.5 mm	4.0 mm	5.0 mm
Hex	2.4 mm	2.7 mm	2.7 mm
Hexagonal Height	0.7 mm	0.7 mm	0.7 mm
Internal Thread	M 1.8	M 2.0	M 2.0

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

DESCRIPTION	DIAMETER	LENGTH	
CYLINDRICAL HE	Ø 3.3 mm	8 mm	22141
		10 mm	22142
		11.5 mm	22143
		13 mm	22144
		15 mm	22146
	Ø 3.75 mm	8 mm	221498
		10 mm	22150
		11.5 mm	22151
		13 mm	22152
		15 mm	22153

DESCRIPTION	DIAMETER	LENGTH	
CYLINDRICAL HE	Ø 4.0 mm	8 mm	22155
		10 mm	22156
		11.5 mm	22157
		13 mm	22159
		15 mm	221603
	Ø 4.75 mm	8 mm	22162
		10 mm	22163
		11.5 mm	22164
		13 mm	22165
		15 mm	22166

DRILL SEQUENCE

BONE DENSITY

**TYPE I**

**TYPE II**

Drill 2/3

Helical Ø 2.8

Male thread Ø 3.3 \*Optional

Countersink Ø 3.3 \*Optional

Helical Ø 3.25

Male thread Ø 3.75 \*Optional

Countersink Ø 3.75 \*Optional

Helical Ø 3.7

Drill 3/4

Helical Ø 4.35

Male thread Ø 4.75 \*Optional

Countersink Ø 4.75 \*Optional

INITIALS	IMPLANT Ø 3.3	IMPLANT Ø 3.75	IMPLANT Ø 4.75

DRILL SEQUENCE

BONE DENSITY

**TYPE III**

**TYPE IV**

Spear Ø 2.0

Helical Ø 2.0

Drill 2/3

Helical Ø 2.8

Helical Ø 3.25

Helical Ø 3.7

Drill 3/4

Helical Ø 4.35

INITIALS	IMPLANT Ø 3.3	IMPLANT Ø 3.75	IMPLANT Ø 4.75

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



RATCHED / MOTOR DRIVER



DRIVER	IMPLANTS		
Ø 3.5 mm	—	Ø 3.3 mm	—
Ø 4.0 mm	Ø 3.75 mm	Ø 4.3 mm	Ø 4.75 mm

See the drivers available on page 30.

SPECIFICATIONS

LENGTH	7   9   11   13   15 mm		
Diameter	3.3 mm	3.75 mm   4.3 mm	4.75 mm
Platform	3.5 mm	4.0 mm	5.0 mm
Hex	2.3 mm	2.5 mm	2.5 mm
Depth or height HI	1.8 mm	1.8 mm	1.8 mm
Internal Thread	M 1.8	M 2.0	M 2.0

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

DESCRIPTION	DIAMETER	LENGTH	
CYLINDRICAL HI	Ø 3.3 mm	7 mm	22168
		9 mm	221702
		11 mm	22172
		13 mm	22174
		15 mm	22176
	Ø 3.75 mm	7 mm	22180
		9 mm	22182
		11 mm	22184
		13 mm	22186
		15 mm	22188

DESCRIPTION	DIAMETER	LENGTH	
CYLINDRICAL HI	Ø 4.3 mm	7 mm	22192
		9 mm	22194
		11 mm	22196
		13 mm	22198
		15 mm	222006
	Ø 4.75 mm	7 mm	22204
		9 mm	22206
		11 mm	22208
		13 mm	22210
		15 mm	22212

DRILL SEQUENCE

BONE DENSITY

TYPE I

TYPE II

Helical Ø 3.7

Drill 2/3

Helical Ø 2.8

Male thread Ø 3.3 \*Optional

Countersink Ø 3.3 \*Optional

Spear Ø 2.0

Helical Ø 2.0

Helical Ø 3.25

Male thread Ø 3.75 \*Optional

Countersink Ø 3.75 \*Optional

Drill 3/4

Helical Ø 4.35

Male thread Ø 4.75 \*Optional

Countersink Ø 4.75 \*Optional

INITIALS	IMPLANT Ø 3.3	IMPLANT Ø 3.75	IMPLANT Ø 4.75

DRILL SEQUENCE

BONE DENSITY

TYPE III

TYPE IV

Helical Ø 3.7

Drill 2/3

Helical Ø 2.8

Helical Ø 3.25

Helical Ø 4.35

Spear Ø 2.0

Helical Ø 2.0

Helical Ø 3.25

Drill 3/4

Helical Ø 4.35

INITIALS	IMPLANT Ø 3.3	IMPLANT Ø 3.75	IMPLANT Ø 4.75



TAPERED HE

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.



RATCHED / MOTOR DRIVER



DRIVER	IMPLANTS
Ø 3.5 mm	Ø 3.5 mm
Ø 4.0 mm	Ø 4.0 mm    Ø 5.0 mm

See the drivers available on page 30.

SPECIFICATIONS

LENGTH	7   9   11   13   15 mm					5/6 mm**
Diameter	3.5 mm	4.0 mm	5.0 mm	4.0 mm	5.0 mm	
Platform	3.5 mm	4.0 mm	5.0 mm	4.0 mm	4.0 mm	
Apex	2.0 mm	2.8 mm	3.2 mm	2.8 mm	3.2 mm	
Hex	2.4 mm	2.7 mm	2.7 mm	2.7 mm	2.7 mm	
Hex height	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	
Internal Thread	M 1.8	M 2.0	M 2.0	M 2.0	M 2.0	

\*Indication of bone application according to Lekholm and Zarb Classification.  
\*\*For implants with Ø 4.0 / 5.0 mm with lengths of 5 mm / 6 mm, the internal thread is 2.0 mm, but its screw is specific, due to its differential length. For this implant, use components of the ST Line.

DESCRIPTION	DIAMETER	LENGTH	
TAPERED HE	Ø 3.5 mm	7 mm	22063
		9 mm	22065
		11 mm	22067
		13 mm	22069
		15 mm	220712
	Ø 4.0 mm	5 mm	23167
		6 mm	23169
		7 mm	22075
		9 mm	22077
		11 mm	22079
		13 mm	22081
		15 mm	22083

DESCRIPTION	DIAMETER	LENGTH	
TAPERED HE	Ø 5.0 mm	5 mm	22360
		6 mm	22361
		7 mm	22087
		9 mm	22090
		11 mm	22092
		13 mm	22094
		15 mm	22096

DRILL SEQUENCE

BONE DENSITY

Spear Ø 2.0  
Helical Ø 2.0

TYPE I

Tapered Drill Ø 3.5

TYPE II

Tapered Drill Ø 4.0

Tapered Drill Ø 5.0

INITIALS

IMPLANT Ø 3.5

IMPLANT Ø 4.0

IMPLANT Ø 5.0

DRILL SEQUENCE

BONE DENSITY

Spear Ø 2.0  
Helical Ø 2.0

TYPE III

Reamer Ø 3.5 \*Optional

TYPE IV

Tapered Drill Ø 3.5

Tapered Drill Ø 4.0

Reamer Ø 4.0 \*Optional

Tapered Drill Ø 5.0

Reamer Ø 5.0 \*Optional

INITIALS

IMPLANT Ø 3.5

IMPLANT Ø 4.0

IMPLANT Ø 5.0

TAPERED HI

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.



RATCHED / MOTOR DRIVER



DRIVER	IMPLANTS	
Ø 3.5 mm	Ø 3.5 mm	
Ø 4.0 mm	Ø 4.0 mm	Ø 5.0 mm

See the drivers available on page 30.

SPECIFICATIONS

LENGTH	7   9   11   13   15 mm					5   6 mm**
	Diameter	3.5 mm	4.0 mm	5.0 mm	4.0 mm	5.0 mm
Platform	3.5 mm	4.0 mm	5.0 mm	4.0 mm	4.0 mm	
Apex	2.0 mm	2.8 mm	3.2 mm	2.8 mm	3.2 mm	
Hex	2.3 mm	2.5 mm	2.5 mm	2.5 mm	2.5 mm	
Hex height	1.8 mm	1.8 mm	1.8 mm	1.8 mm	1.8 mm	
Internal Thread	M 1.8	M 2.0	M 2.0	M 2.0	M 2.0	

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

\*\*For implants with Ø 4.0 / 5.0 mm with lengths of 5 mm / 6 mm, the internal thread é de 2.0 mm, but its screw is specific, due to its differential length. For this implant, use components of the ST Line.

DESCRIPTION	DIAMETER	LENGTH	
TAPERED HI	Ø 3.5 mm	7 mm	22097
		9 mm	22099
		11 mm	221016
		13 mm	22103
		15 mm	22105
	Ø 4.0 mm	5 mm	23163
		6 mm	23165
		7 mm	22119
		9 mm	22121
		11 mm	22123
		13 mm	221252
		15 mm	22127

DESCRIPTION	DIAMETER	LENGTH	
TAPERED HI	Ø 5.0 mm	5 mm	22368
		6 mm	22369
		7 mm	22131
		9 mm	22133
		11 mm	22135
		13 mm	22137
		15 mm	22139

DRILL SEQUENCE

BONE DENSITY

Spear Ø 2.0

Helical Ø 2.0

TYPE I

TYPE II

INITIALS

IMPLANT Ø 3.5

IMPLANT Ø 4.0

IMPLANT Ø 5.0

DRILL SEQUENCE

BONE DENSITY

Spear Ø 2.0

Helical Ø 2.0

TYPE III

TYPE IV

INITIALS

IMPLANT Ø 3.5

IMPLANT Ø 4.0

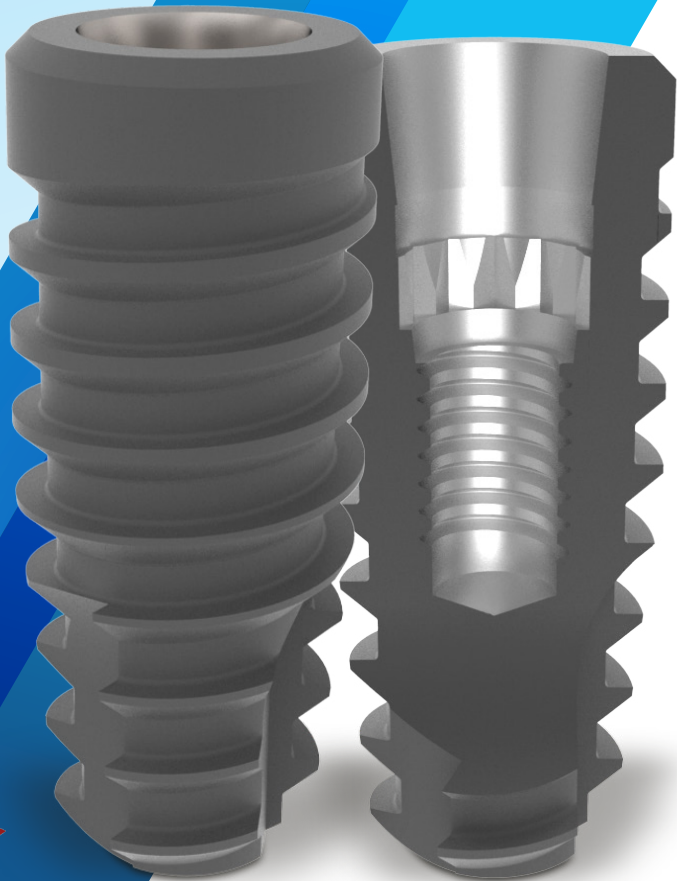
IMPLANT Ø 5.0

# TAPERED 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.



## RATCHED / MOTOR DRIVER



DRIVER	
Ratchet Driver Morse Taper AR Placement	218665
Motor Driver Morse Taper AR Placement	218634

See the drivers available on page 30.

## SPECIFICATIONS

LENGTH		7   9   11   13   15 mm			
Diameter		3.5 mm	4.0 mm	4.5 mm	5.0 mm
Apex		2.0 mm	2.8 mm	3.0 mm	3.5 mm
Depth		3.5 mm	3.5 mm	3.5 mm	3.5 mm
Internal Thread		1.8 mm	1.8 mm	1.8 mm	1.8 mm

## MAX COVER CM



COLL	
1 mm	24108
2 mm	23974

Ideal for implants that were positioned 1 mm below the bone crest.

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

DESCRIPTION	DIAMETER	LENGTH	
TAPERED CM AR	Ø 3.5 mm	7 mm	22274
		9 mm	22276
		11 mm	22278
		13 mm	22280
		15 mm	22282
	Ø 4.0 mm	7 mm	222860
		9 mm	22288
		11 mm	22290
		13 mm	22292
		15 mm	22294

DESCRIPTION	DIAMETER	LENGTH	
TAPERED CM AR	Ø 4.5 mm	7 mm	22298
		9 mm	22300
		11 mm	22302
		13 mm	22304
		15 mm	22306
	Ø 5.0 mm	7 mm	24069
		9 mm	24071
		11 mm	24073
		13 mm	240758
		15 mm	24077

## DRILL SEQUENCE

**BONE DENSITY**

Spear Ø 2.0

Helical Ø 2.0

**TYPE I**

**TYPE II**

Tapered Drill Ø 3.5

Tapered Drill Ø 4.0

Tapered Drill Ø 4.5

Tapered Drill Ø 5.0

INITIALS

IMPLANT Ø 3.5

IMPLANT Ø 4.0

IMPLANT Ø 4.5

IMPLANT Ø 5.0

## DRILL SEQUENCE

**BONE DENSITY**

Spear Ø 2.0

Helical Ø 2.0

**TYPE III**

**TYPE IV**

Tapered Drill Ø 3.5

Tapered Drill Ø 4.0

Tapered Drill Ø 4.5

Reamer Ø 3.5 \*Optional

Reamer Ø 4.0 \*Optional

Reamer Ø 4.0 \*Optional

Reamer Ø 5.0 \*Optional

INITIALS

IMPLANT Ø 3.5

IMPLANT Ø 4.0

IMPLANT Ø 4.5

IMPLANT Ø 5.0



# 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.

## 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;
- Surface treated with alternate sand blasting and acid attack;
- Completely tapered body, providing better balance between bone and implant design;
- 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.

### RATCHET / MOTOR DRIVER

DRIVER	IMPLANTS	
Ø 4.0 mm	Ø 4.0 mm	Ø 5.0 mm

See the drivers available on page 30.

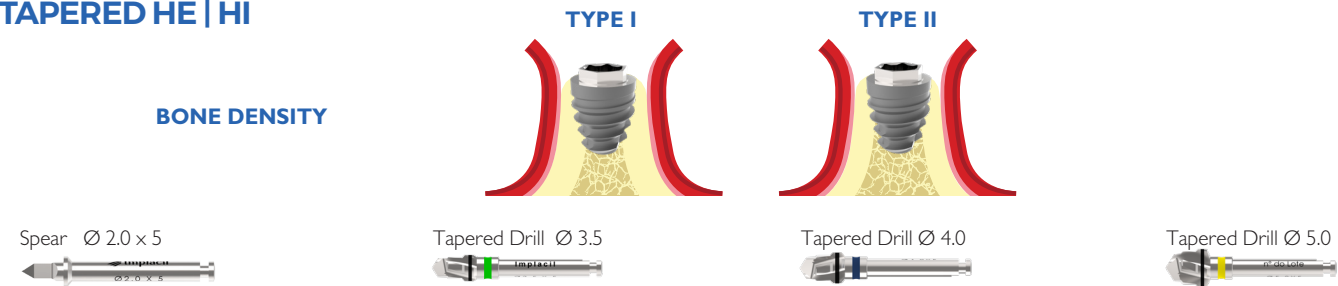


DESCRIPTION	DIAMETER	LENGTH	
TAPERED HE	Ø 4.0 mm	5 mm	23167
		6 mm	23169
	Ø 5.0 mm	5 mm	22360
		6 mm	22361

### DRILL SEQUENCE

#### TAPERED HE | HI

### BONE DENSITY



INICIAL	IMPLANT Ø 4.0	IMPLANT Ø 5.0

\*Indication of bone application according to Lekholm and Zarb Classification.  
\*\*For implants with Ø 4.0 / 5.0 mm with lengths of 5 mm / 6 mm, the internal thread é de 2.0 mm, but its screw is specific, due to its differential length. For this implant, use components of the ST Line.

## TAPERED HI Ø 4.0 / 5.0 mm

### IMPLANT FEATURES

- Tapered implant with internal hex fitting;
- 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 installation in any bone density: type I, II, III IV;\*
- Drilling rotation: 200-300 rpm;
- Installation rotation: 20 rpm;
- Suggested installation torque of up to 60 Ncm.

### RATCHET / MOTOR DRIVER

DRIVER	IMPLANTS	
Ø 4.0 mm	Ø 4.0 mm	Ø 5.0 mm

See the drivers available on page 30.

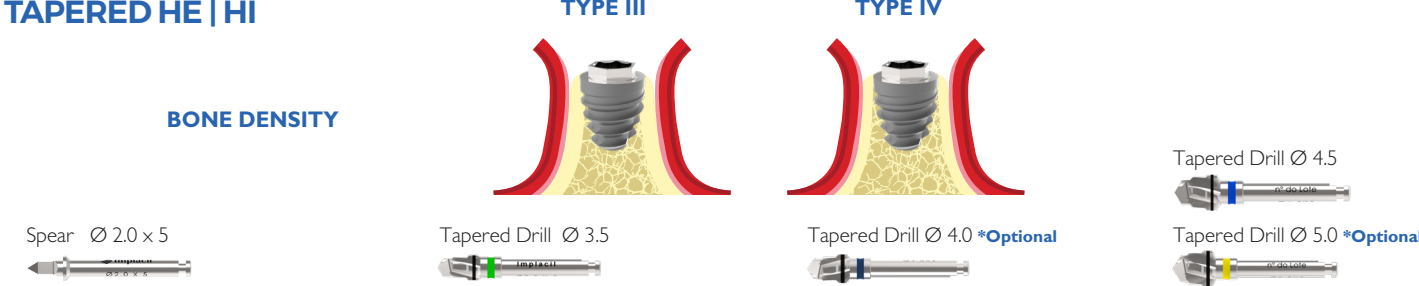


DESCRIPTION	DIAMETER	LENGTH	
TAPERED HI	Ø 4.0 mm	5 mm	23163
		6 mm	23165
	Ø 5.0 mm	5 mm	22368
		6 mm	22369

### DRILL SEQUENCE

#### TAPERED HE | HI

### BONE DENSITY



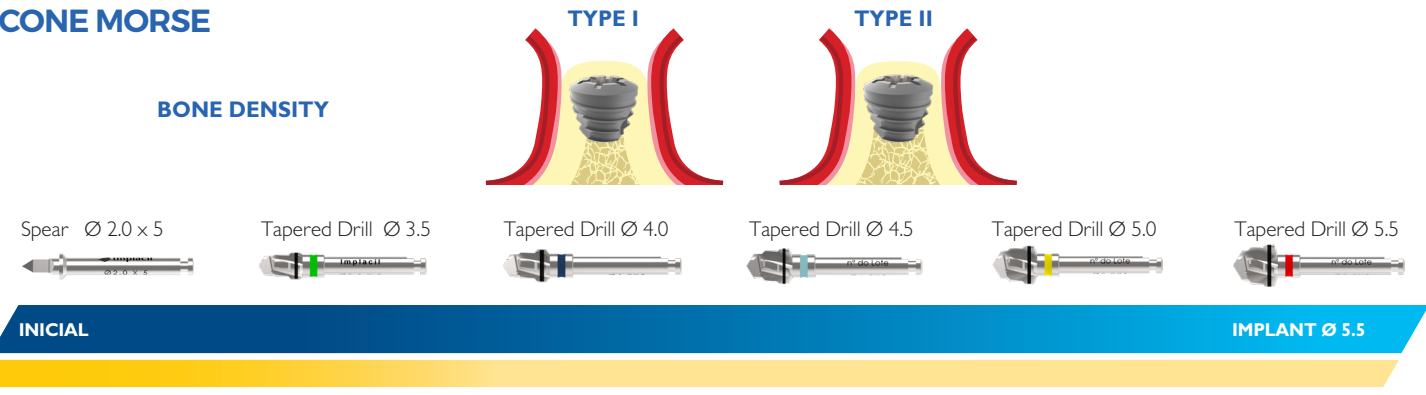
INICIAL	IMPLANT Ø 4.0	IMPLANT Ø 5.0

# TAPERED CM Ø 5.5 mm

## 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.

## DRILL SEQUENCE CONE MORSE



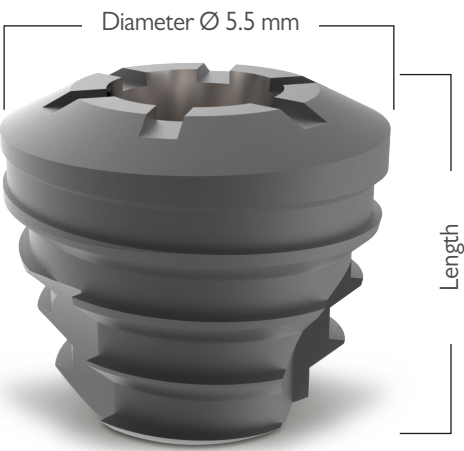
## INSTALLATION DRIVERS HI (INTERNAL TORQUE IN THE MOUNT)

SHORT RATCHET	MEDIUM RATCHET	LONG RATCHET	MOTOR
Ø 4.0	Ø 4.0	Ø 4.0	Ø 4.0
17763	17770	24609	24693

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

## EXTENDERS

MEDIUM RATCHET EXTENDER	ADAPTOR DRIVER
19743	19804



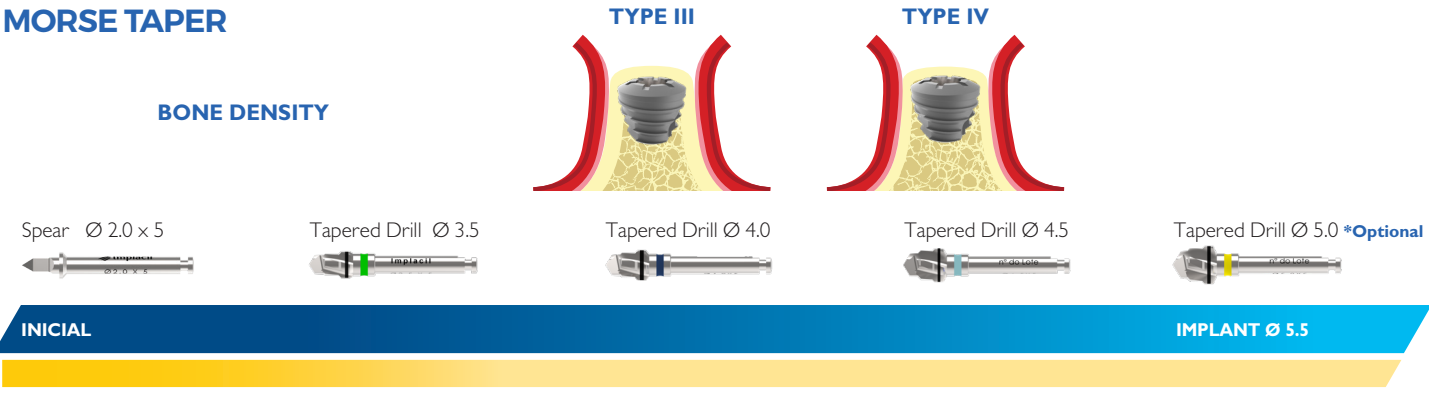
## INSTALLATION INSTRUMENTS AND DRIVERS

DRIVER HI	IMPLANTS
Ø 4.0 mm	For mount CM

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

DESCRIPTION	DIAMETER	LENGTH	
TAPERED CM	Ø 5.5 mm	5 mm	26131
		6 mm	26132

## DRILL SEQUENCE MORSE TAPER



## TORQUE WRENCHES

SURGICAL   PROSTHETIC	SURGICAL
20 to 80 Ncm	30 to 80 Ncm
24407	19842

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



# IMPLANT 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



## RATCHET DRIVER



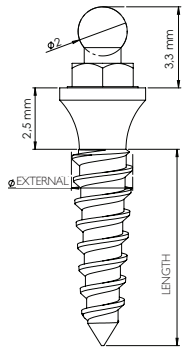
DRIVER	IMPLANTS	
O'ring no. 2	2.5 mm	18630
	3.0 mm	

## COMPONENTS

MICROCAPSULE	STANDARD CAPSULE	PLASTIC CAPSULE	RING
19316	18920	20039	19668

## SPECIFICATIONS

LENGTH	7   8   9   10   11.5   12   13 mm	
Diameter	2.5 mm	3.0 mm
Platform	3.5 mm	3.5 mm
Apex	1.0 mm	1.0 mm
Ball height	3.3 mm	3.3 mm
Ball diameter	2.0 mm	2.0 mm



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

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

DESCRIPTION	DIAMETER	LENGTH	
SLIM BALL	Ø 3.0 mm	7 mm	20267
		8 mm	28592
		9 mm	20263
		10 mm	17861
		11.5 mm	17862
		12 mm	20264
		13 mm	17863

## DRILL SEQUENCE

BONE DENSITY

TYPE I

TYPE II

Spear Ø 2.0

Slim Pilot Drill Ø 2/2.5 mm

IMPLANT Ø 2.5

IMPLANT Ø 3.0

## DRILL SEQUENCE

BONE DENSITY

TYPE III

TYPE IV

Drill Ø 1.5 mm

Spear Ø 2.0

IMPLANT Ø 2.5

IMPLANT Ø 3.0

# IMPLANT 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



DRIVER	IMPLANTS	
Abutment driver CM 3.5	3.5 x 4 or 6 mm	24471
Abutment driver CM 3.5 x 4	3.5 x 4	27571
Abutment driver CM 3.5 x 6	3.5 x 6	27588

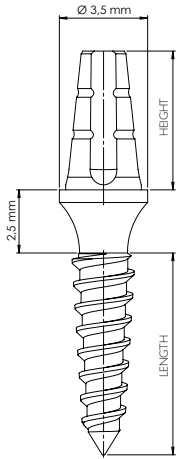
## SPECIFICATIONS

LENGTH	7   8   9   10   11.5   12   13 mm	
Diameter	2.5 mm	3.0 mm
Platform	3.5 mm	3.5 mm
Apex	1.0 mm	1.0 mm

## COMPONENTS



HEIGH	COPING AR CIMENTADA	COPING AR PARAFUSADA	TRANSFER	ANALO	COVER
4 mm	17466	217415	17428	217507	23218
6 mm	17503	217422	17435	217521	23219



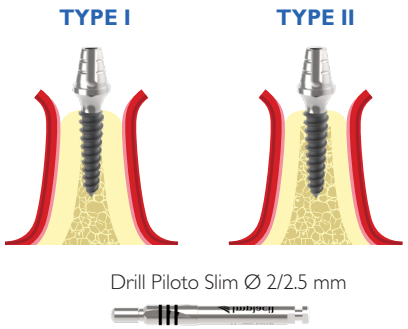
\*Indication of bone application according to Lekholm and Zarb Classification.

DESCRIPTION	DIAMETER	LENGTH	
SLIM ABUT MENT	Ø 2.5 x 4 mm	7 mm	28141
		8 mm	28097
		9 mm	28172
		10 mm	28035
		11.5 mm	28042
		12 mm	28059
		13 mm	28066
	Ø 2.5 x 6 mm	7 mm	28189
		8 mm	28134
		9 mm	28110
		10 mm	28127
		11.5 mm	28073
		12 mm	28103
		13 mm	28080

DESCRIPTION	DIAMETER	LENGTH	
SLIM ABUT MENT	Ø 3.0 x 4 mm	7 mm	28400
		8 mm	28318
		9 mm	28417
		10 mm	28332
		11.5 mm	28356
		12 mm	28424
		13 mm	28370
	Ø 3.0 x 6 mm	7 mm	28448
		8 mm	28325
		9 mm	28455
		10 mm	28349
		11.5 mm	28363
		12 mm	28462
		13 mm	28387

## DRILL SEQUENCE

### BONE DENSITY

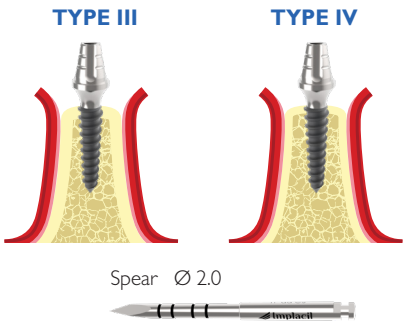


IMPLANT Ø 2.5

IMPLANT Ø 3.0

## DRILL SEQUENCE

### BONE DENSITY



IMPLANT Ø 2.5

IMPLANT Ø 3.0

# INSTRUMENTS



# INSTRUMENTS

## INSTALLATION DRIVERS HE



SHORT RATCHET	SHORT RATCHET	MEDIUM RATCHET	MEDIUM RATCHET	LONG RATCHET	LONG RATCHET	MOTOR	MOTOR
Ø 3.5	Ø 4.0	Ø 3.5	Ø 4.0	Ø 3.5	Ø 4.0	Ø 3.5	Ø 4.0
23746	23748	24112	23139	24618	24615	25089	25096

## INSTALLATION DRIVERS HI



SHORT RATCHET	SHORT RATCHET	MEDIUM RATCHET	MEDIUM RATCHET	LONG RATCHET	LONG RATCHET	MOTOR	MOTOR
Ø 3.5	Ø 4.0	Ø 3.5	Ø 4.0	Ø 3.5	Ø 4.0	Ø 3.5	Ø 4.0
17756	17763	17787	17770	24612	24609	20152	24693

## INSTALLATION DRIVERS CM AR



SHORT RATCHET	MEDIUM RATCHET	MOTOR
Ø Todos	Ø Todos	Ø Todos
23751	218665	218634

## T DRIVER



DRIVER T
17794

## EXTENDERS



MEDIUM RATCHET
19743



ADAPTOR DRIVER
19804

## PARALLELIZERS



TUNNEL CHECK SIN CALIBRE	TUNNEL CHECK CON CALIBRE	TUNNEL CHECK TAPERED Ø 3.5	TUNNEL CHECK TAPERED Ø 4.0	TUNNEL CHECK TAPERED Ø 5.0	ANTERIOR PARALLELIZER	POSTERIOR PARALLELIZER
18883	19644	25119	25126	25133	7 mm	9 mm
					18463	18470

## SURGICAL STOP FOR HELICAL DRILLS



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

## TORQUE WRENCHES



SURGICAL   PROSTHETIC
20 a 80 Ncm
24407



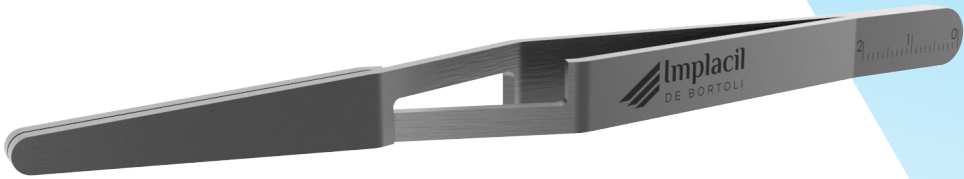
SURGICAL
30 a 80 Ncm
19842



PROSTHETIC
10 a 40 Ncm
19828

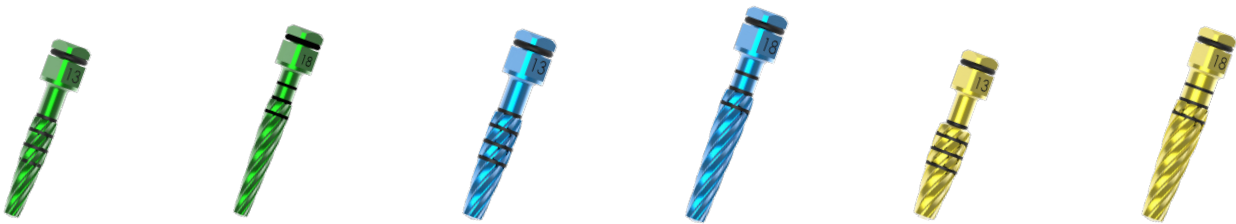


TITANIUM FORCEPS



TITANIUM FORCEPS  
18807

REAMERS



Ø 3.5	Ø 3.5	Ø 4.0	Ø 4.0	Ø 5.0	Ø 5.0
7 a 13 mm	14 a 18 mm	7 a 13 mm	14 a 18 mm	7 a 13 mm	14 a 18 mm
18371	18388	18395	18401	18418	18425

MALE THREAD



Ø 3.3	Ø 3.75	Ø 4.0	Ø 4.75
19590	19606	19620	19613

TREPHINE



Ø 2.0	Ø 2.7	Ø 3.75	Ø 4.3	Ø 5.0
23832	23849	23863	23870	23887

IMPLANT RETRIEVER



Ø 3.5	Ø 4.0
24570	24921
HE 3.3 / 3.5	HE 3.75 / 4.0 / 4.75 / 5.0
HI 3.3 / 3.5	HI 3.75 / 4.0 / 4.3 / 4.75 / 5.0
CM 3.5 / 4.0 / 4.5 / 5.0 / 5.5	Internal Thread M 2.0
Internal Thread M 1.6 / M 1.8	—

SHORT TREPHINE



Ø 6.0	Ø 8.0	Ø 10.0
26074	26075	24778

DRILLS

DRILLS



SPEAR	BALL	SUPER CUT	DRILL EXTENDER
Ø 2.0 22699	22705	22651	19651

SHORT SPEAR DRILL



MINISPEAR	SPEAR	SPEAR	SPEAR	SPEAR	SPEAR
Ø 1.4 x 10	Ø 2.0 x 5	Ø 2.0 x 6	Ø 2.0 x 7	Ø 2.0 x 8	Ø 2.0 x 10
24723	27212	25140	25157	25164	25027

HELICAL DRILL



Ø 2.0	Ø 2.8	Ø 3.25	Ø 3.7	Ø 4.3
18319	25959	25966	22682	22675

PILOT DRILL



Ø 2/2.5	Ø 2/3	Ø 3/4
223164	22620	22644

COUNTERSINK DRILL



Ø 3.3	Ø 3.75/4.0	Ø 4.75
25928	25935	25942



# TAPERED DRILLS

## TAPERED DRILL Ø 3.5

					
5 mm	7 mm	9 mm	11 mm	13 mm	15 mm
24817	24820	24823	24826	24829	24832

## TAPERED DRILL Ø 4.0

					
5 mm	7 mm	9 mm	11 mm	13 mm	15 mm
24835	24838	24841	24844	24847	24850

## TAPERED DRILL Ø 4.5

					
5 mm	7 mm	9 mm	11 mm	13 mm	15 mm
24853	24856	24859	24862	24865	24868

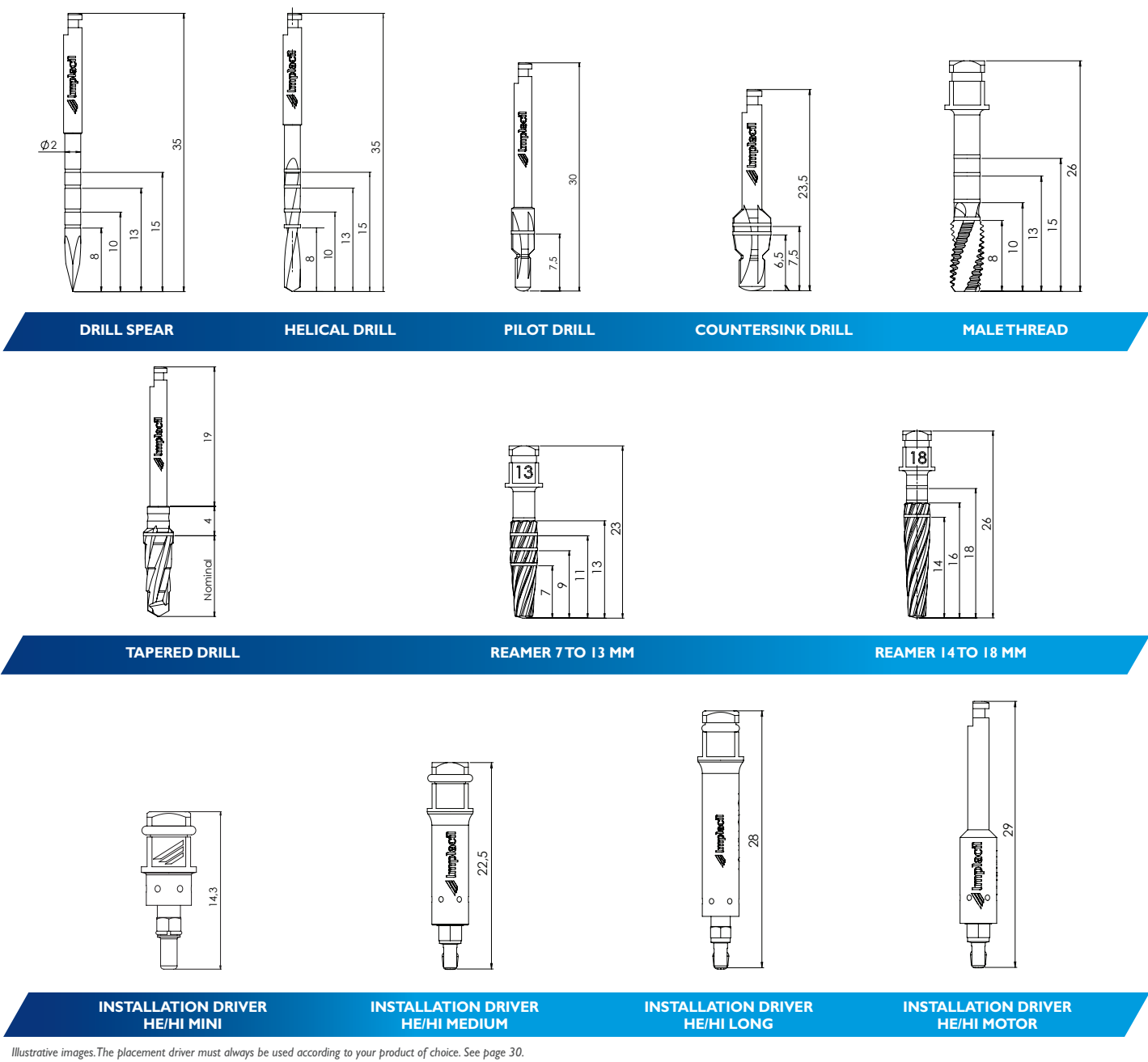
## TAPERED DRILL Ø 5.0

					
5 mm	7 mm	9 mm	11 mm	13 mm	15 mm
24871	24874	25877	24880	24883	24886

## TAPERED DRILL Ø 5.5


5 mm
24889

# TECHNICAL GUIDELINES



# KITS



KITS

# SURGICAL

MASTER  
CYLINDRICAL TAPERED  
HE | HI | CM



Illustrative image. Configuration suggestion of the Master Cylindrical Tapered HE | HI | CM. This kit can be configured as Compact, Cylindrical, Tapered or Tapered Morse Taper. Check the configuration offered or configure it the best way possible to meet your needs.

DESCRIPTION	
Ratchet Driver - Implant Placement Ø 3.5 HE	24112
Ratchet Driver - Implant Placement Ø 4.0 HE	23139
Ratchet Driver - Implant Placement Ø 3.5 HI	17787
Ratchet Driver - Implant Placement Ø 4.0 HI	17770
Ratchet Driver - Implant Placement CM AR	218665
Motor Driver - Implant Placement Ø 3.5 HE	25089
Motor Driver - Implant Placement Ø 4.0 HE	25096
Motor Driver - Implant Placement Ø 3.5 HI	20152
Motor Driver - Implant Placement Ø 4.0 HI	24693
Motor Driver - Implant Placement CM AR	218634
Manual Medium Driver no. I	18623
Driver no. 6 - 0.87 mm	18326
Driver no. 7 - 1.17 mm	18685
Reamer 3.5 - 7 to 13 mm	18371
Reamer 4.0 - 7 to 13 mm	18395
Master Cylindrical Tapered HE HI CM Kit	25088
Tapered Drill 3.5 x 7 mm	24820
Tapered Drill 3.5 x 9 mm	24823
Tapered Drill 3.5 x 11 mm	24826
Tapered Drill 3.5 x 13 mm	24829
Tapered Drill 3.5 x 15 mm	24832
Tapered Drill 4.0 x 7 mm	24838
Tapered Drill 4.0 x 9 mm	24841
Tapered Drill 4.0 x 11 mm	24844
Tapered Drill 4.0 x 13 mm	24847
Tapered Drill 4.0 x 15 mm	24850
Tapered Drill 4.5 x 7 mm	24856
Tapered Drill 4.5 x 9 mm	24859

DESCRIPTION	
Tapered Drill 4.5 x 11 mm	24862
Tapered Drill 4.5 x 13 mm	24865
Tapered Drill 4.5 x 15 mm	24868
Tapered Drill 5.0 x 7 mm	24874
Tapered Drill 5.0 x 9 mm	24877
Tapered Drill 5.0 x 11 mm	24880
Tapered Drill 5.0 x 13 mm	24883
Tapered Drill 5.0 x 15 mm	24886
Helical Drill 2.0 mm	18319
Helical Drill 2.8 mm	25959
Helical Drill 3.25 mm	25966
Helical Drill 3.7 mm	22682
Helical Drill 4.3 mm	22675
Pilot Drill 2/3	22620
Pilot Drill 3/4	22644
Spear Drill	22699
Super Cut Drill	22651
Drill Extenders	19651
Ratchet Extender - Medium	19743
Measuring Probe	24708
Torque Wrench 20 to 80 Ncm	24407
Tunnel Check - without gauge	18883
Tunnel Check - with gauge	19644
Tapered Tunnel Check Ø 3.5	25119
Tapered Tunnel Check Ø 4.0	25126
Tapered Tunnel Check Ø 5.0	25133
Tunnel Check Selection of CM Components	20701





IMPLANT 5 MM / 6 MM  
HE | HI Ø 4.0 / Ø 5.0 MM | CM Ø 5.5 MM

DESCRIPTION	
Spear Drill 2.0 x 5 mm	27212
Tapered Drill 3.5 x 5 mm	24817
Tapered Drill 4.0 x 5 mm	24835
Tapered Drill 4.5 x 5 mm	24853
Tapered Drill 5.0 x 5 mm	24871
Tapered Drill 5.5 x 5 mm	24889
Ratchet Driver - Implant Placement Ø 4.0 HE	23139
Ratchet Driver - Implant Placement Ø 4.0 HI	17770
Motor Driver - Implant Placement Ø 4.0 HE	25096
Motor Driver - Implant Placement Ø 4.0 HI	24693
Kit	27977



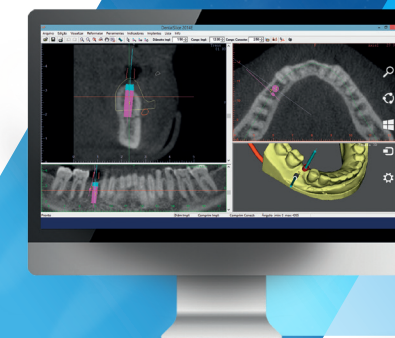
UPGRADE HE | CM Ø 3.5 MM / Ø 4.0 MM

DESCRIPTION	
Tapered Drill 3.5 x 7 mm	24820
Tapered Drill 3.5 x 9 mm	24823
Tapered Drill 3.5 x 11 mm	24826
Tapered Drill 3.5 x 13 mm	24829
Tapered Drill 3.5 x 15 mm	24832
Tapered Drill 4.0 x 7 mm	24838
Tapered Drill 4.0 x 9 mm	24841
Tapered Drill 4.0 x 11 mm	24844
Tapered Drill 4.0 x 13 mm	24847
Tapered Drill 4.0 x 15 mm	24850
Kit	22469
Ratchet Driver - Implant Placement Ø 3.5 HE	24112
Ratchet Driver - Implant Placement Ø 4.0 HE	23139
Ratchet Driver - Implant Placement CM AR	218665
Motor Driver - Implant Placement Ø 3.5 HE	25089
Motor Driver - Implant Placement Ø 4.0 HE	25096
Motor Driver - Implant Placement CM AR	218634

UPGRADE HI | CM Ø 3.5 MM / Ø 4.0 MM

DESCRIPTION	
Tapered Drill 3.5 x 7 mm	24820
Tapered Drill 3.5 x 9 mm	24823
Tapered Drill 3.5 x 11 mm	24826
Tapered Drill 3.5 x 13 mm	24829
Tapered Drill 3.5 x 15 mm	24832
Tapered Drill 4.0 x 7 mm	24838
Tapered Drill 4.0 x 9 mm	24841
Tapered Drill 4.0 x 11 mm	24844
Tapered Drill 4.0 x 13 mm	24847
Tapered Drill 4.0 x 15 mm	24850
Kit	22469
Ratchet Driver - Implant Placement Ø 3.5 HI	17787
Ratchet Driver - Implant Placement Ø 4.0 HI	17770
Ratchet Driver - Implant Placement CM AR	218665
Motor Driver - Implant Placement Ø 3.5 HI	20152
Motor Driver - Implant Placement Ø 4.0 HI	24693
Motor Driver - Implant Placement CM AR	218634

Illustrative images. Various configuration suggestions for the same kit. Check the configuration offered or configure it the best way possible to meet your needs.



Ø 3.5 MM

DESCRIPTION	
Short Guide Placement Driver CM AR	23700
Long Guide Placement Driver CM AR	23701
Guide Tapered Drill 3.5 x 7 mm	21611
Guide Tapered Drill 3.5 x 9 mm	21614
Guide Tapered Drill 3.5 x 11 mm	21617
Guide Tapered Drill 3.5 x 13 mm	21620
Guide Tapered Drill 3.5 x 15 mm	216234
Implaguide Kit	24145
Guide Spear Drill Ø 2.0	21854
Guide Ø 3.5	23704
Guide Measuring Probe	23703
Guide Reamer Ø 3.5 7 to 11	23705
Guide Reamer Ø 3.5 11 to 15	23706
Guide Fixation Pin (4 units)	23694
Short Guide Helical Drill Ø 2.0	23696
Long Guide Helical Drill Ø 2.0	23697
Short Guide Helical Drill Ø 2.7	23698
Long Guide Helical Drill Ø 2.7	23699
Fixation Drill 1.3 mm	23693
Torque Wrench 20 to 80 Ncm	24407
Manual Medium Driver no. 1	18623
Short Driver no. 7 Hex Healing Abutment 1.17	20626
Long Driver no. 7 Hex Healing Abutment 1.17	20619
Short Ratchet Extender	19880

Ø 3.5 MM | 4.0 MM

DESCRIPTION	
Short Guide Placement Driver CM AR	23700
Long Guide Placement Driver CM AR	23701
Guide Tapered Drill 3.5 x 7 mm	21611
Guide Tapered Drill 3.5 x 9 mm	21614
Guide Tapered Drill 3.5 x 11 mm	21617
Tapered Drill 3.5 x 13 mm Guide	21620
Tapered Drill 3.5 x 15 mm Guide	216234
Tapered Drill 4.0 x 7 mm Guide	25129
Tapered Drill 4.0 x 9 mm Guide	25132
Tapered Drill 4.0 x 11 mm Guide	25135
Tapered Drill 4.0 x 13 mm Guide	25138
Tapered Drill 4.0 x 15 mm Guide	25141
Implaguide Kit	24145
Spear Drill Ø 2.0 Guide	21854
Guide Ø 3.5	23704
Guide Ø 4.0	25148
Guide Measuring Probe	23703
Guide Reamer Ø 3.5 7 to 11	23705
Guide Reamer Ø 3.5 11 to 15	23706
Guide Reamer Ø 4.0 7 to 11	25144
Guide Reamer Ø 4.0 11 to 15	25146
Guide Fixation Pin (4 units)	23694
Short Guide Helical Drill Ø 2.0	23696
Long Guide Helical Drill Ø 2.0	23697
Short Guide Helical Drill Ø 2.7	23698
Long Guide Helical Drill Ø 2.7	23699
Fixation Drill 1.3 mm	23693
Torque Wrench 20 to 80 Ncm	24407
Manual Medium Driver no. 1	18623
Short Driver no. 7 Hex Healing Abutment 1.17	20626
Long Driver no. 7 Hex Healing Abutment 1.17	20619
Short Ratchet Extender	19880

*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*



INSTRUMENTS

PROSTHETICS

PROSTHETIC KIT



PROSTHESIS DRIVER SET KIT



Illustrative image. Various configuration suggestions for the same kit. Check the configuration offered or configure it the best way possible to meet your needs

DESCRIPTION		
Manual Medium Driver no. 1	1M	18623
O'ring 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, Morse Taper Abutment 7M Coping and Abutment Angled) (Hex. 1.17), (application of 10 to 20Ncm according to the indication for each component)		18685
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

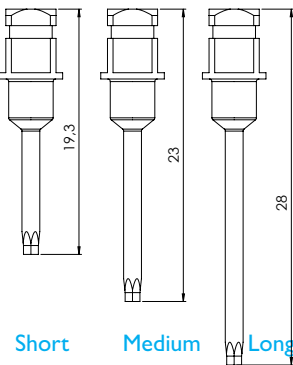
DESCRIPTION		
Manual Medium Driver no. 1	1M	18623
O'ring Driver with Medium Hex	2M	18630
Friction Driver (Transfer MF)	3	18647
Medium Square Driver (Hex Abutment, Ucla, Anti-Rotational Abutment) (30 Ncm) 4M		18654
Tapered Esthetic / Mini Tapered Driver (20Ncm) 5M		18661
Medium Cover Driver (Hex 0.87) (HE and HI) (10Ncm) 6M		18326
Medium Healing Abutment Driver (Cover Cone Morse, Tapered Esthetic Coping, Mini Tapered Coping, Morse Taper Abutment 7M Coping and Abutment Angled) (Hex. 1.17) (application of 10 to 20Ncm according to the indication for each component)		18685
Screwdriver	8M	18692

DESCRIPTION		
Manual Scalpel Driver BD		18852
Motor Scalpel Driver BM		20749
Short Manual Driver IC		21371
Manual Medium Driver no. 1	1M	18623
O'ring 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, Morse Taper Abutment 7C Coping and Abutment Angled) (Hex. 1.17) application of 10 to 20Ncm according to the indication for each component)		20626
Medium Healing Abutment Driver (Morse Taper Cover, Tapered Esthetic Coping, Mini Tapered Coping, Morse Taper Abutment Coping and Angled Abutment) (Hex. 1.17), 7M (application of 10 to 20Ncm according to the indication for each component)		18685
Long Healing Abutment Driver (Cover Cone Morse, Tapered Esthetic Coping, Mini Tapered Coping, Morse Taper Abutment Coping and Abutment Angled) (Hex. 1.17) (application of 10 to 20Ncm according to the indication for each component) 7L		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
Placement Driver for Angled Abutment CM		220217

DRIVERS



REFERENCE LENGTHS





# KIT SELECTION

## FEATURES OF THE PROSTHETIC SELECTION KIT - CM

- The most complete selection kit with Morse Taper components: helps in the selectin of the transmucosal implant, type of component, angulation, diameter and height of the element to be used.
- The only system that gives the option f 3 (three) combinations of the same collars, which helps in the planning for multiple elements;
- Easy to handle;
- High precision;
- Made in aluminum.



## HANDLING AND COUPLING



Collar Driver helps in mounting and fitting the accessories.

Coupling and mounting of the collar and component.

Kit for application I 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 limit.

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

Collar applied. Observation of the ideal gingival level.

## 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:

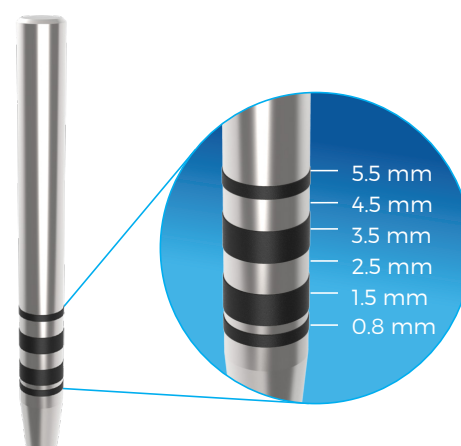
- Diameter;
- Abutment height;
- Type of system (cemented or screwed);
- Straight or angled;

The following criteria should be observed when planning a treatment that involves prosthesis over implants:

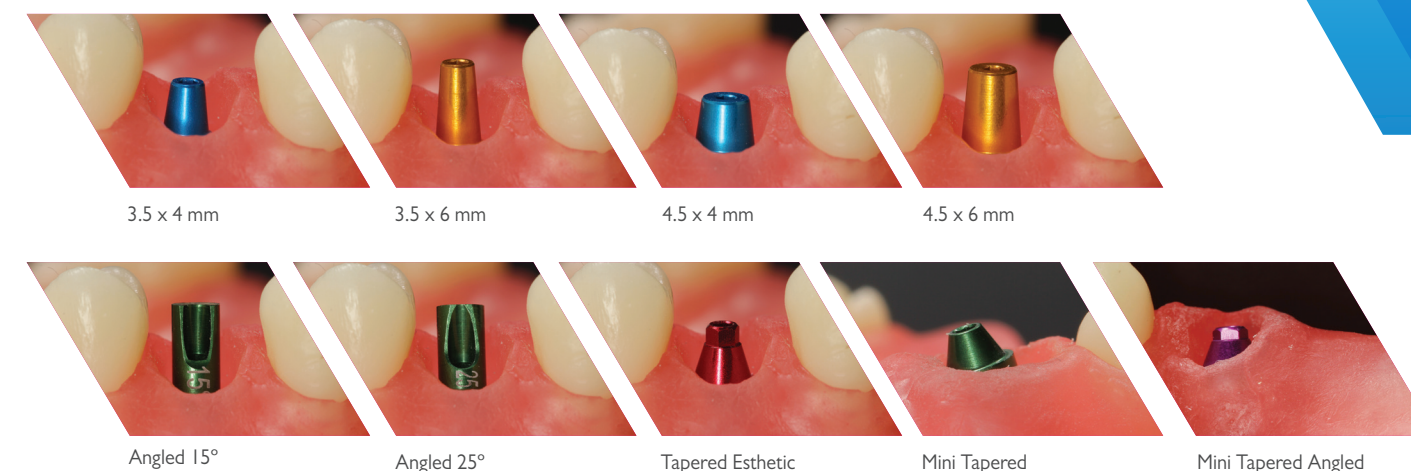
- Ideal position of the crown in the arch;
- Ideal position of the implant (taking as reference the already established position of the crown);
- Selection of the most suitable component to obtain the best crown/implant connection result.

## 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.



## PROSTHETIC POSSIBILITIES



# COMPONENTS





# 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.

### HE



COLLAR	Ø 3.5	Ø 4.0	Ø 5.0
2 mm	231534	208765	208833
3 mm	231541	208772	208840
4 mm	231558	208789	208857
5 mm	231565	208796	208864
6 mm	231572	208802	208871
7 mm	231589	208819	208888

For implants of 7 mm to 15 mm.

### HE ST



COLLAR	Ø 4.0
2 mm	229821
3 mm	229838
4 mm	229845
5 mm	229852
6 mm	229869
7 mm	22987

For implants of 5 mm to 6 mm.

### HI



COLLAR	Ø 3.5	Ø 4.0	Ø 5.0
2 mm	208482	208550	208628
3 mm	208499	208567	208635
4 mm	208505	208574	208642
5 mm	208512	208581	208659
6 mm	208529	208598	208666
7 mm	208536	208604	208673

For implants of 7 mm to 15 mm.

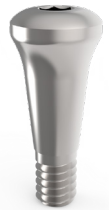
### HI ST



COLLAR	Ø 4.0
2 mm	229883
3 mm	229890
4 mm	229906
5 mm	229913
6 mm	229920
7 mm	229937

For implants of 5 mm to 6 mm.

### CM



COLLAR	Ø 3.5	Ø 4.5
0.8 mm	208895	208963
1.5 mm	208901	208970
2.5 mm	208918	208987
3.5 mm	208925	208994
4.5 mm	228932	209007
5.5 mm	208949	209014

For implants of 7 mm to 15 mm.

### CM ST



COLLAR	Ø 3.5	Ø 4.5
0.8 mm	229708	229760
1.5 mm	229715	229777
2.5 mm	229722	229784
3.5 mm	229739	229791
4.5 mm	229746	229807
5.5 mm	22975	229814

For implants of 5 mm to 6 mm.

# TRANSFER

### HE



Open Tray Closed Tray

TRAY	Ø 3.5	Ø 4.0	Ø 5.0
Open HE	204699	4978	14861
Closed HE	204675	4336	4350

For implants of 7 mm to 15 mm.

### HE ST



Open Tray Closed Tray

TRAY	Ø 4.0
Open HE	214223
Closed HE	214254

Para implantes de 5 mm a 6 mm.

### HI



Open Tray Closed Tray

TRAY	Ø 3.5	Ø 4.0	Ø 5.0
Open HI	14854	15899	14779
Closed HI	4404	4411	4428

For implants of 7 mm to 15 mm.

### HI ST



Open Tray Closed Tray

TRAY	Ø TODOS
Open HI	214247
Closed HI	214278

Para implantes de 5 mm a 6 mm.

### CM | CM AR



Closed TrayOpen TrayClosed Tray  
CM CM AR CM AR

TRAY	Ø TODOS
Closed CM	17367
Open CM AR	228930
Closed CM AR	228923

For implants of 7 mm to 15 mm.

### CM ST



Closed  
Tray  
CM

TRAY	Ø ALL
Closed CM	231497

# ANALOG

For implants of 5 mm to 15 mm

### HE



	Ø 3.5	Ø 4.0	Ø 5.0
Fitting HE	204071	3995	20114

### HI



	Ø 3.5	Ø 4.0	Ø 5.0
Fitting HE	4084	4091	4114

### CM



	Ø ALL
CM	227667



TAPERED  
ESTHETIC  
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-teeth cases;
- In single-tooth cases, use anti-rotational sequence;
- The angled component of 17° or 30° enables the correction of the angulation of the implant in cases of multiple-teeth prostheses;
- 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;

- Installation torque: 20 Ncm;
- Coping installation torque: 10 Ncm;
- Straight Esthetic Tapered Installation Driver: Esthetic Tapered / Mini Tapered Driver - no. 5;
- Angled Esthetic Tapered Installation Driver / Coping/ Open Tray Transfer Screw: Hex Driver no. 7 - 1.17;
- Closed Tray Esthetic Tapered Transfer Installation Driver: Friction Driver no. 3.

HE



COLLAR	Ø 3.5	Ø 4.0	Ø 5.0
1 mm	204132	2448	23108
2 mm	204156	2455	2479
3 mm	204170	2493	2486

ANGLED

17° (2 mm)	204095	2523	5036
30° (3 mm)	204118	4930	5043

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

HE ST



COLLAR	Ø 4.0
1 mm	214148
2 mm	214155
3 mm	214162

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

HI



COLLAR	Ø 3.5	Ø 4.0	Ø 5.0
1 mm	2271	2301	2332
2 mm	2288	2318	2349
3 mm	2295	2325	2356

ANGLED

17° (2 mm)	2363	2387	2400
30° (3 mm)	2370	2394	4916

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

HI ST



COLLAR	Ø 4.0
1 mm	214179
2 mm	214186
3 mm	21419

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

CM



COLLAR	Ø SINGLE
0.8 mm	26949
1.5 mm	26932
2.5 mm	26925
3.5 mm	26956
4.5 mm	26963
5.5 mm	26970

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

CM ST



COLLAR	Ø SINGLE
0.8 mm	212175
1.5 mm	212199
2.5 mm	212212
3.5 mm	212236
4.5 mm	212250
5.5 mm	212274

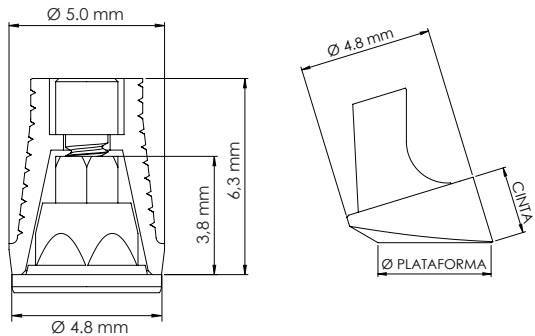
For implants of 5 mm to 6 mm.  
Diameter of the component Ø 4.8 mm.

CM AR



COLLAR	Ø SINGLE
0.8 mm	227353
1.5 mm	227377
2.5 mm	227391
3.5 mm	227414
4.5 mm	227438
5.5 mm	227452

For implants of 7 mm to 15 mm. Applied on implants CMAR.  
Diameter of the component Ø 4.8 mm.



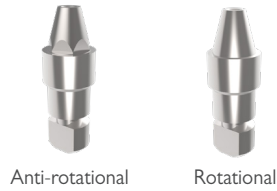
COMPONENTS FOR TAPERED ESTHETIC

TRANSFER



DESCRIPTION	
Open AR	4206
Open R	21623
Closed R	4268

ANALOG



DESCRIPTION	
Anti-rotational	3865
Rotational	3902

COPING



DESCRIPTION	AR	R
Chrome Base	25265	27427
Plastic	4619	4589
Titanium	26802	21470

Copings supplied with Permanent Screw.

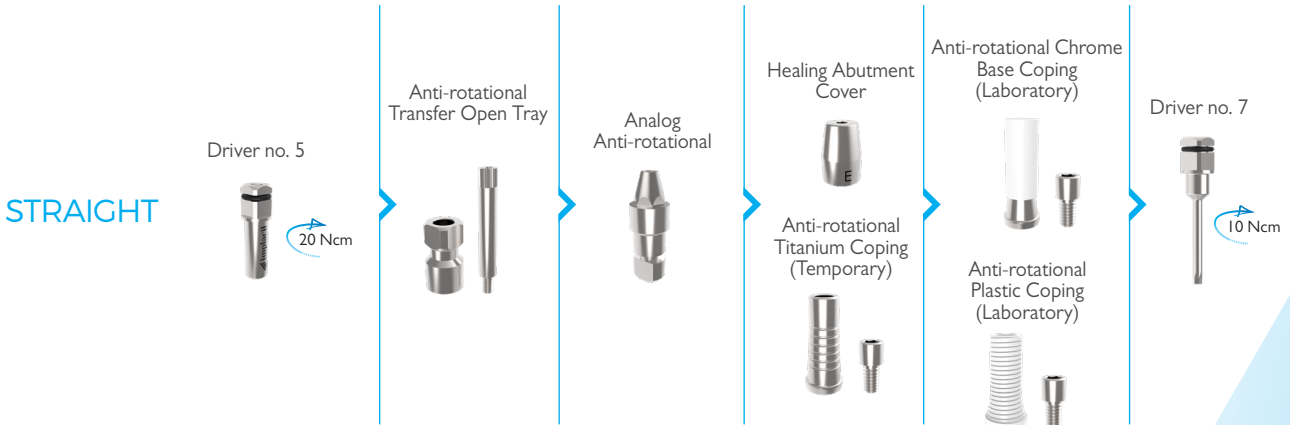
HEALING ABUTMENT COVER
4732

REPLACEMENT WORK SCREW
24709

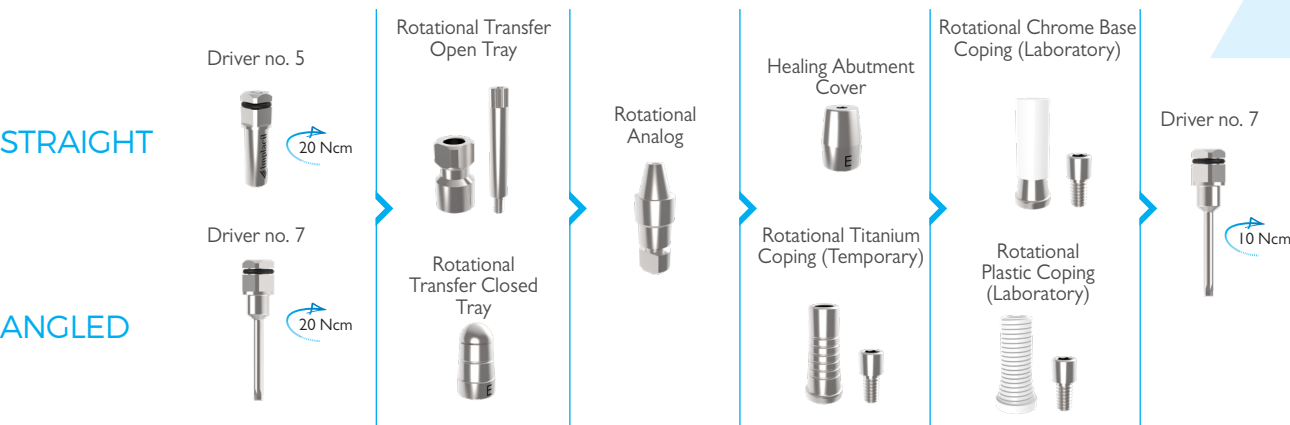
COPING SCREW
4763

APPLICATION SEQUENCE

SINGLE-TOOTH



MULTIPLE-TEETH



MINI  
TAPERED  
SCREWED PROSTHESIS

- Fixed prostheses and protocols in general;
- Indicated for multiple-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;

- Installation torque: 20 Ncm;
- Coping installation torque: 10 Ncm;
- Straight Mini Tapered Installation Driver: Tapered Esthetic / Mini Tapered Driver – no.5;
- Angled Mini Tapered Installation Driver / Coping / Open Tray Transfer Screw: Hex Driver n o. 7 - 1.17;
- Closed Tray Mini Tapered Transfer Installation Driver: Friction Driver no 3.

HE



COLLAR	Ø 3.5	Ø 4.0	Ø 5.0
1 mm	204439	2745	2776
2 mm	204453	2752	2783
3 mm	204477	2769	2790

ANGLED

17° (2 mm)	204392	20503	27083
30° (3 mm)	204415	21951	21340

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

HE ST



COLLAR	Ø 4.0
1 mm	214001
2 mm	214018
3 mm	213998

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

HI



COLLAR	Ø 3.5	Ø 4.0	Ø 5.0
1 mm	2554	2585	2615
2 mm	2561	2592	2622
3 mm	2578	2608	2639

ANGLED

	17° (2 mm)	20084 <th>20077</th> <th>22101</th>	20077	22101
	30° (3 mm)	20718 <th>21449</th> <th>21456</th>	21449	21456

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

HI ST



COLLAR	Ø 4.0
1 mm	28264
2 mm	28233
3 mm	28240

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

CM



COLLAR	Ø SINGLE
0.8 mm	17305
1.5 mm	17312
2.5 mm	17329
3.5 mm	17336
4.5 mm	17343
5.5 mm	17950

Collar ANGULATION

	17°(2 mm)	30°(3 mm)
0.8 mm	24198	24204
1.5 mm	24211	24228
2.5 mm	24235	24242
3.5 mm	24259	24266

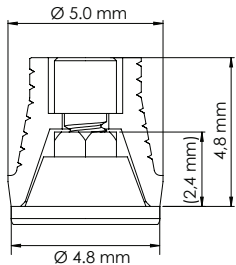
For implants of 7 mm to 15 mm. Diameter of the component Ø 4.8 mm.

CM AR



COLLAR		ANGULATION	
	17°(2 mm)	30°(3 mm)	
0.8 mm	228565	228589	
1.5 mm	228602	228626	
2.5 mm	228640	228664	
3.5 mm	228688	228701	

For implants of 7 mm to 15 mm. Applied on implants CM AR.  
Diameter of the component Ø 4.8 mm.



COMPONENTS FOR MINI TAPERED

TRANSFER



DESCRIPTION	
Open R	13512
Closed R	4282

ANALOG



DESCRIPTION	
Rotational	3919

COPING



DESCRIPTION	
Base Cromo	27434
Plastic	17749
Titanium	18302

Copings supplied with Permanent Screw.

HEALING ABUTMENT COVER	
18548	

REPLACEMENT WORK SCREW	
24686	

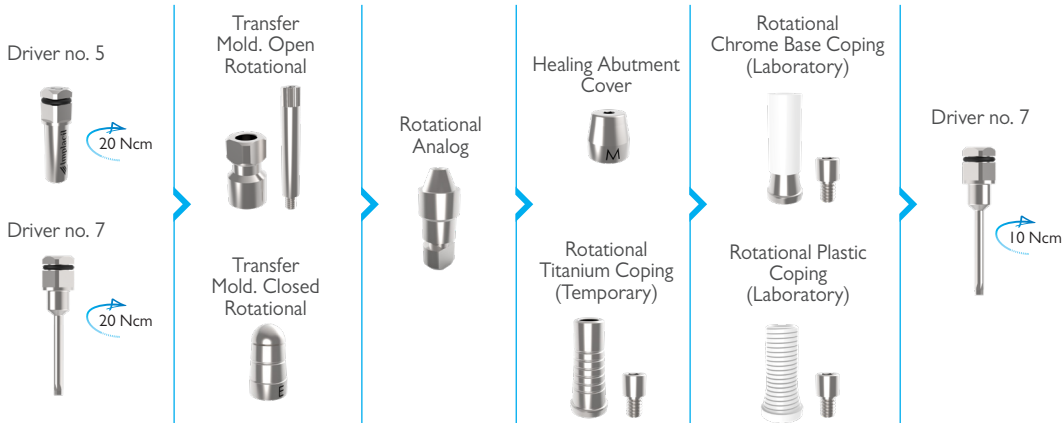
COPING SCREW	
4787	

APPLICATION SEQUENCE

MULTIPLE-TEETH

STRAIGHT

ANGLED



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 ;
- Installation torque: 20 Ncm;
  - Coping installation torque: 10 Ncm;
  - Straight Mini Tapered Fit Installation Driver: Esthetic Taper / Mini Tapered Driver - no. 5;
  - Coping Installation Driver / Open Tray Transfer Screw: Hex Driver no. 7 - 1.17;
  - Closed Tray Mini Tapered Transfer Installation Driver: Friction Driver no. 3.

COMPONENTS

HE

COLLAR	Ø 4.0
1 mm	226394
2 mm	226400
3 mm	226417
4 mm	226424
5 mm	226431

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

HI

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

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

COMPONENTS PARA MINI TAPERED

TRANSFER

DESCRIPTION	
Open R	13512
Closed R	4282

HEALING ABUTMENT COVER

18548

ANALOG

DESCRIPTION	
Rotational	3919

REPLACEMENT WORK SCREW

24686

COPING

DESCRIPTION	
Chrome Base	27434
Plastic	17749
Titanium	18302

Copings supplied with Permanent Screw.

COPING SCREW

4787

APPLICATION SEQUENCE

MULTIPLE-TEETH

STRAIGHT

Driver no. 5

Transfer Mold. Open Rotational

Transfer Mold. Closed Rotational

Rotational Analog

Rotational Titanium Coping (Temporary)

Healing Abutment Cover

Rotational Chrome Base Coping (Laboratory)

Rotational Plastic Coping (Laboratory)

Driver no. 7

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 CM AR 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;
- For selection of the component in the software and selection of the work block, use the following codes:
    - 3.5 - Small FX 3.4
    - 4.0 - Large AT OS 3.5/4.0
  - Installation torque: 20 Ncm;
  - Installation driver: Hex driver no. 7 - 1.17.

HE

COLLAR	Ø 3.5	Ø 4.0
1 mm	24512	245180
2 mm	24514	24520
3 mm	24516	24522

For implants of 7 mm to 15 mm.

HI

COLLAR	Ø 3.5	Ø 4.0
1 mm	24524	24530
2 mm	24526	245326
3 mm	24528	24534

For implants of 7 mm to 15 mm.

CM AR

COLLAR	SMALL	LARGE
0.8 mm	24536	24544
1.5 mm	24538	24546
2.5 mm	24540	24548
3.5 mm	24542	24550

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

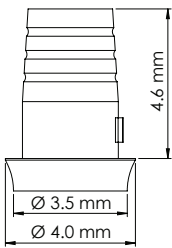
SCANCORP

DESCRIPTION	
Scancorp Ø 3.5 Small	24803
Scancorp Ø 4.0 Large	24805

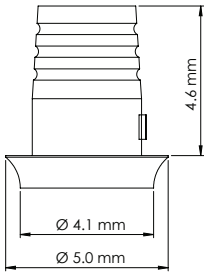
APPLICATION SEQUENCE

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

Ø 3.5 SMALL



Ø 4.0 LARGE



Intraoral Scan

Laboratory Scan

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;
- Versatile component that may be cemented or screwed, applied for overdenture, protocol and single-tooth or multiple-teeth elements;
  - Anti-rotational or Rotational;
  - Supplied with permanent screw;
  - Installation torque: 30 Ncm;
  - Installation driver: Square driver no. 4 - 1.3 mm.

Plastic HE



AR   R	Ø 3.5	Ø 4.0	Ø 5.0
Anti-rotational	205009	22996	23016
Rotational	204989	23009	23023

For implants of 7 mm to 15 mm.

Plastic HE ST



AR   R	Ø 4.0
Anti-rotational	21432
Rotational	214315

For implants of 5 mm to 6 mm.

Chrome Base HE



AR   R	Ø 3.5	Ø 4.0	Ø 5.0
Anti-rotational	204941	17657	20510
Rotational	204965	17664	17671

For implants of 7 mm to 15 mm.

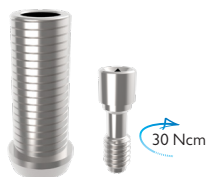
Chrome Base HE ST



AR   R	Ø 4.0
Anti-rotational	214391
Rotational	214384

For implants of 5 mm to 6 mm.

Titanium HE



AR   R	Ø 3.5	Ø 4.0	Ø 5.0
Anti-rotational	231527	3841	21524
Rotational	231442	14793	21258

For implants of 7 mm to 15 mm.

Titanium HE ST



AR   R	Ø 4.0
Anti-rotational	214377
Rotational	214360

For implants of 5 mm to 6 mm.

Transfer HE



Open Tray    Closed Tray

AR   R	Ø 3.5	Ø 4.0	Ø 5.0
Anti-rotational	204699	4978	14861
Rotational	204675	4336	4350

For implants of 7 mm to 15 mm.

Transfer HE ST



Open Tray    Closed Tray

TRAY	Ø 4.0
Open HE	214223
Closed HE	214254

For implants of 5 mm to 6 mm.

Analog HE | HE ST



	3.5	4.0	5.0
Fitting HI	204071	3995	20114

For implants of 5 mm to 15 mm.

Analog HI | HI ST



	3.5	4.0	5.0
Fitting HI	4084	4091	4114

For implants of 5 mm to 15 mm.

REPLACEMENT SCREW



PERMANENT SCREW				WORKING SCREW			
M	3.5	4.0ST	4.0/5.0	M	3.5	4.0ST	4.0/5.0
1.6	15080	—	—	1.6	4817	—	—
1.8	229951	—	—	1.8	229968	—	—
2.0	—	211178	229982	2.0	—	21115	27328

UCLA  
CHROME BASE  
CEMENTED / SCREWED PROSTHESIS

- Calcinable Component with cobalt-chrome base, used for casting, also known as plastic coping with metal base. The features and applications are similar to plastic UCLAS, but the pre-machined base in cobalt-chrome has an adaptation standard superior to components fully dependent on casting;
  - Best indication for making customized abutments;
- Versatile component that may be cemented or screwed, applied for overdenture, protocol and single-tooth or multiple-teeth elements;
  - Anti-rotational or Rotational;
  - Supplied with permanent screw;
  - Installation torque: 30 Ncm;
  - Installation driver: Square driver no. 4 - 1.3 mm.

Plastic HI



COLL	3.5	4.0	5.0
R (d' Hex s/ Hombro	18913	3742	18906
RAR (d' Hex s/ Hombro	3704	3735	18821
AR (d' Hex s/ Hombro	4923	3711	3759
R (d' Hex s/ Hombro	3698	3728	3766

For implants of 7 mm to 15 mm.

Plastic HI ST



COLL	4.0
R (d' Hex s/ Hombro	21440
RAR (d' Hex s/ Hombro	21441
AR (d' Hex s/ Hombro	214438
R (d' Hex s/ Hombro	214421

For implants of 5 mm to 6 mm.

Chrome Base HI



AR   R	Ø 3.5	Ø 4.0	Ø 5.0
Anti-rotational	17688	17701	17725
Rotational	17695	17718	17732

For implants of 7 mm to 15 mm.

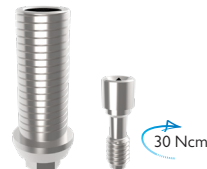
Chrome Base HI ST



AR   R	Ø 4.0
Anti-rotational	214476
Rotational	214469

For implants of 5 mm to 6 mm.

Titanium HI



AR   R	Ø 3.5	Ø 4.0	Ø 5.0
Anti-rotational	14816	14250	14410
Rotational	14809	14083	14106

For implants of 7 mm to 15 mm.

Titanium HI ST



AR   R	Ø 4.0
Anti-rotational	214452
Rotational	214445

For implants of 5 mm to 6 mm.

Transfer HI



Open Tray    Closed Tray

AR   R	Ø 3.5	Ø 4.0	Ø 5.0
Open HI	14854	15899	14779
Closed HI	4404	4411	4428

For implants of 7 mm to 15 mm.

Transfer HI ST



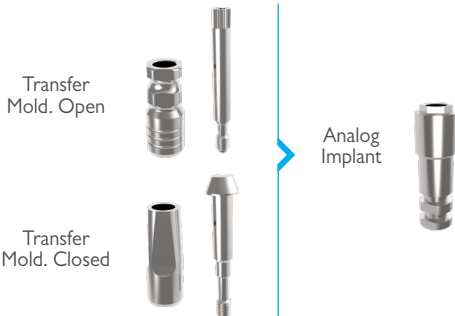
Open Tray    Closed Tray

MOLDEADOR	Ø 4.0
Open HI	214247
Closed HI	214278

For implants of 5 mm to 6 mm.

APPLICATION SEQUENCE

This sequence should be applied according to the type of implant already used. Illustrative images.





# ABUTMENT

## CEMENTED PROSTHESIS

### STRAIGHT ANTI-ROTACIONAL

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

#### HE



COLLAR	Ø 3.5    Ø 4.0    Ø 5.0		
	Anti-rotational	204378	3018    14885
Angled			
15 (2 mm)	204330	3049	19712
25 (3 mm)	204354	3056	21012

For implants of 7 mm to 15 mm.

#### HI



COLLAR	Ø 3.5    Ø 4.0    Ø 5.0		
	Anti-rotational	2806	2851    2875
Angled			
15 (2 mm)	2882	2912	2943
25 (3 mm)	2899	2936	2974

For implants of 7 mm to 15 mm.

### Transfer HE



COLLAR	Ø 3.5    Ø 4.0    Ø 5.0		
	Open HE	204699	4978    14861
	Closed HE	204675	4336    4350

For implants of 7 mm to 15 mm.

### Analog HE | HE ST

	3.5    4.0    5.0		
	Encaje HE	204071	3995    20114

For implants of 5 mm to 15 mm.

### Analog HI | HI ST

	3.5    4.0    5.0		
	Encaixe HI	4084	4091    4114

For implants of 5 mm to 15 mm.

### ANGLED 15° AND 25° ANTI-ROTACIONAL

- 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;
- Installation driver: Hex Driver no. 7 - 1.17 mm.

#### HE ST



AR	Ø 4.0	
	Anti-rotational	214506

Para implantes de 5 mm a 6 mm.

#### HI ST



AR	Ø 4.0	
	Anti-rotational	214551

Para implantes de 5 mm a 6 mm.

### Transfer HE ST



AR   R	Ø 4.0	
	Open HE	214223
	Closed HE	214254

For implants of 5 mm to 6 mm.

### REPLACEMENT SCREW

	PERMANENT SCREW					WORKING SCREW			
	M	3.5	4.0ST	4.0/5.0		M	3.5	4.0ST	4.0/5.0
1.6	15080	—	—	—	1.6	4817	—	—	—
1.8	229951	—	—	—	1.8	229968	—	—	—
2.0	—	211178	229982	—	2.0	—	211115	27328	—

### 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;

#### HE



Anti-rotational Abutment with collar

COLLAR	Ø 4.0	
	1 mm	221092
	2 mm	221108
	3 mm	221115
	4 mm	221122
	5 mm	221139

For implants of 7 mm to 15 mm.

### Transfer HI



COLLAR	Ø 3.5    Ø 4.0    Ø 5.0		
	Open HI	14854	15899    14779
	Closed HI	4404	4411    4428

For implants of 7 mm to 15 mm.

#### HI



Anti-rotational Abutment with collar

COLLAR	Ø 4.0	
	1 mm	217637
	2 mm	217651
	3 mm	217675
	4 mm	217699
	5 mm	217712

For implants of 7 mm to 15 mm.

### Transfer HI ST

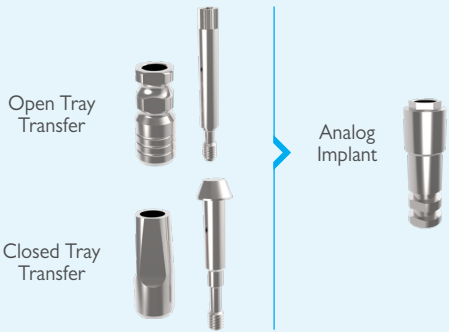


AR   R	Ø 4.0	
	Open HI	214247
	Closed HI	214278

For implants of 5 mm to 6 mm.

### APPLICATION SEQUENCE

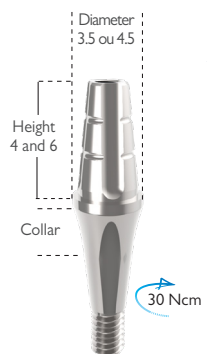
This sequence must be applied according to the type of implant already used (HE or HI).



CEMENTED / SCREWED ABUTMENT CM

- Diameter: 3.5 and 4.5;
- Height: de 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;

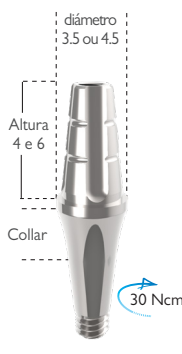
CM



DIAMETER X HEIGHT X COLLAR				
COLLAR	3.5 x 4	3.5 x 6	4.5 x 4	4.5 x 6
0.8 mm	217910	218030	218177	218290
1.5 mm	217934	218054	218191	218313
2.5 mm	217958	218078	218214	218337
3.5 mm	217972	218092	218238	218351
4.5 mm	217996	218115	218252	218375
5.5 mm	218016	218139	218276	218399

For implants of 7 mm to 15 mm. Applied on implants CM | CMAR.

CM ST

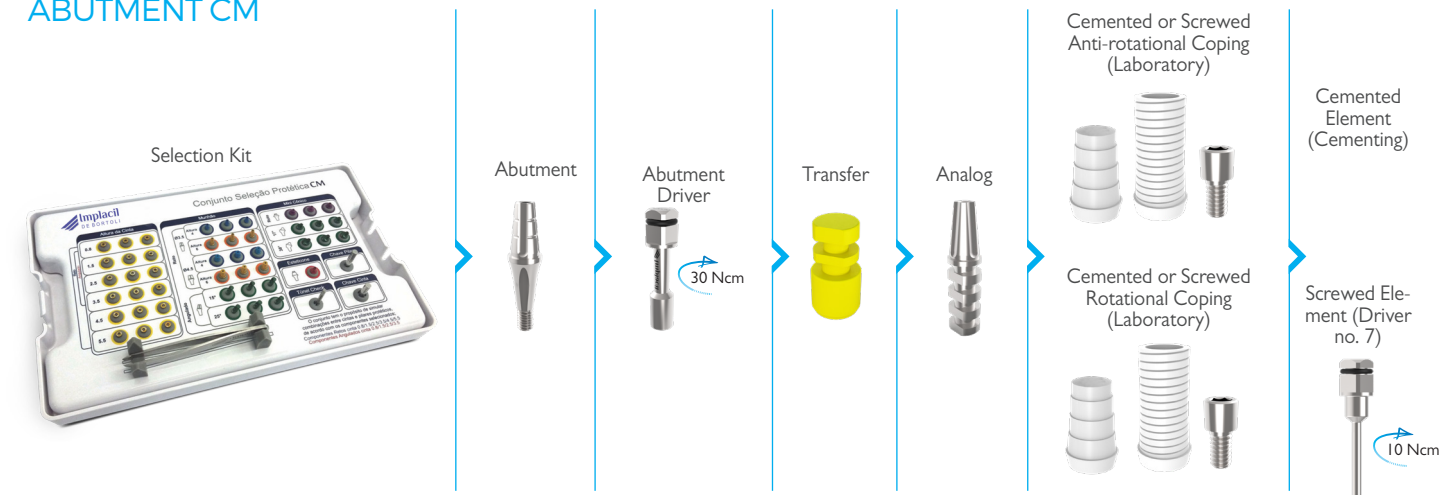


DIAMETER X HEIGHT X COLLAR				
COLLAR	3.5 x 4	3.5 x 6	4.5 x 4	4.5 x 6
0.8 mm	211550	211673	27854	27649
1.5 mm	21157	211697	27847	27823
2.5 mm	211598	211710	27830	27861
3.5 mm	21161	211734	—	—
4.5 mm	21163	21175	—	—
5.5 mm	21165	21177	—	—

For implants of 5 mm to 6 mm CM ST.

TYPE OF APPLICATION

ABUTMENT CM




COMPONENTS FOR ABUTMENTS

	CLOSED TRAY TRANSFER CM	OPEN TRAY TRANSFER CMAR	CLOSED TRAY TRANSFER CMAR	ANALOG CM/CMAR DUE CONE
Implant transfer	17367	228930	228923	227667

CEMENTED / SCREWED ABUTMENT CM AR

- Diameter: 3.5 and 4.5;
- Height: de 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;
- It has analog, transfer and copings corresponding to the diameter and height of the abutments;

CM AR



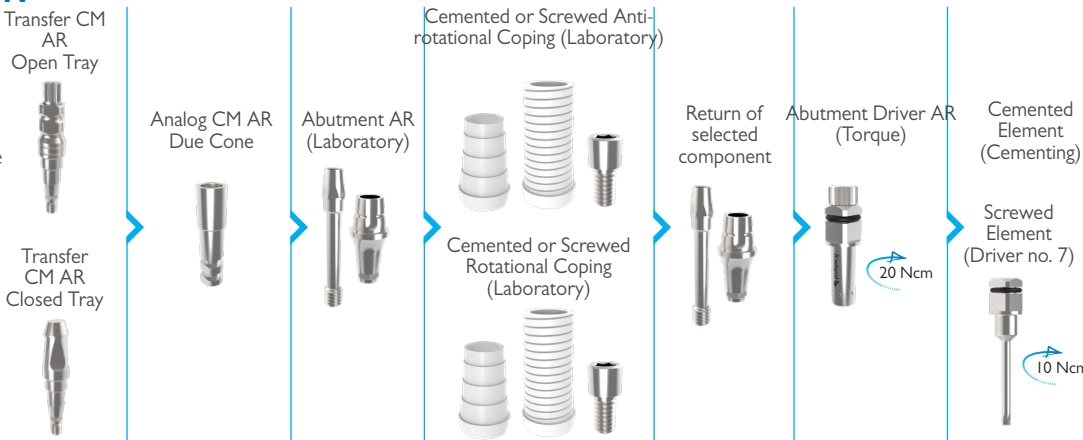
DIAMETER X HEIGHT X COLLAR				
COLLAR	3.5 x 4	3.5 x 6	4.5 x 4	4.5 x 6
0.8 mm	227803	227926	228046	228169
1.5 mm	227827	227940	228060	228183
2.5 mm	227841	227964	228084	228206
3.5 mm	227865	227988	228107	228220
4.5 mm	227889	228008	228121	228244
5.5 mm	227902	228022	228145	228268

For implants of 7 mm to 15 mm. Applied on implants CMAR.

TYPE OF APPLICATION

ABUTMENT CM AR

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




COMPONENTS FOR ABUTMENTS

	HEIGH	TRANSFER	ANALOG	CEMENTED COPING AR	SCREWED COPING AR	HEALING ABUTMENT COVER	TUNNEL CHECK PROSTHESIS CM
3.5	4 mm	17428	217507	17466	26994	217415	217392
	6 mm	17435	217521	17503	27007	217422	217408
4.5	4 mm	17442	217545	17473	26987	224284	224345
	6 mm	17459	217569	17480	27014	224314	224369

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;
- 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;
  - It has analog, transfer and copings corresponding to the diameter and height of the abutments;
  - Parallelism is required in multiple-teeth prosthesis cases, and the rotational copings may be used to facilitate the applications;
  - Installation torque: 20 Ncm;
  - Installation driver: Hex Driver no. 7 - 1.17 mm.

CM



	DIAMETER X HEIGHT X COLLAR				
	COLLAR	3.5 x 4	3.5 x 6	4.5 x 4	4.5 x 6
ANGLED 15° (2 MM) (CEMENTED)					
0.8 mm		21708	21753	22422	24150
1.5 mm		21715	21760	22088	24167
2.5 mm		21722	21777	22262	22309
3.5 mm		21739	21784	22439	22453

For implants of 7 mm to 15 mm. Applied on implants CM | CMAR.

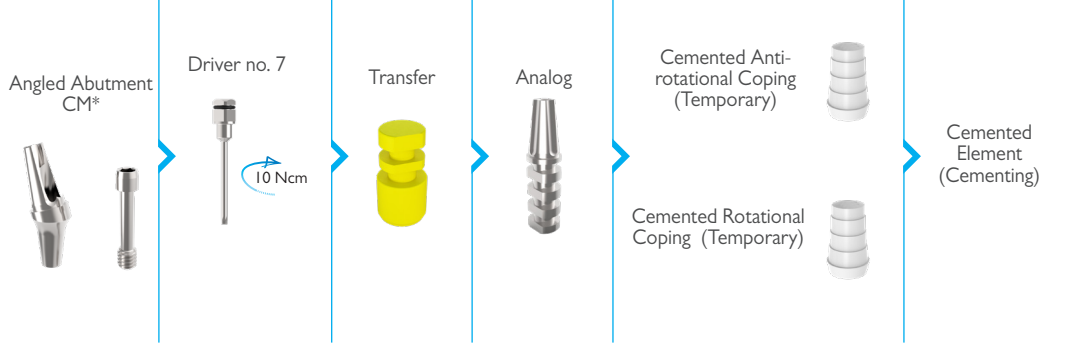
	DIAMETER X HEIGHT X COLLAR				
	COLLAR	3.5 x 4	3.5 x 6	4.5 x 4	4.5 x 6
ANGLED 25° (3 MM) (CEMENTED)					
0.8 mm		22484	22552	21814	21876
1.5 mm		22491	22569	21821	21883
2.5 mm		22507	22576	21838	21906
3.5 mm		22514	22583	21845	21890

For implants of 7 mm to 15 mm. Applied on implants CM | CMAR.

TYPE OF APPLICATION

CM

Closed tray technique, reposition. Used for the selection of rotational components or multiple-teeth cases. Not indicated for cemented or screwed single tooth.




COMPONENTS FOR ABUTMENTS

	CLOSED TRAY TRANSFER CM	OPEN TRAY TRANSFER CMAR	CLOSED TRAY TRANSFER CMAR	ANALOG CM/CMAR DUE CONE
Implant transfer	17367	228930	228923	227667

CEMENTED ANGLED ABUTMENT CM AR

- Angled 15 (2 mm) e 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 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;
  - 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;
  - It has analog, transfer and copings corresponding to the diameter and height of the abutments;
  - Parallelism is required in multiple-teeth prosthesis cases, and the rotational copings may be used to facilitate the applications;
  - Installation torque: 20 Ncm;
  - Installation driver: Hex Driver no. 7 - 1.17 mm.

CM AR



	DIAMETER X HEIGHT X COLLAR				
	COLLAR	3.5 x 4	3.5 x 6	4.5 x 4	4.5 x 6
ANGLED 15° (2 mm) (CEMENTED)					
0.8 mm		22894	22910	22926	22934
1.5 mm		22896	22912	22928	22936
2.5 mm		22898	22914	22930	22938
3.5 mm		22900	22916	22932	22940

For implants of 7 mm to 15 mm. Applied on implants CM | CMAR.

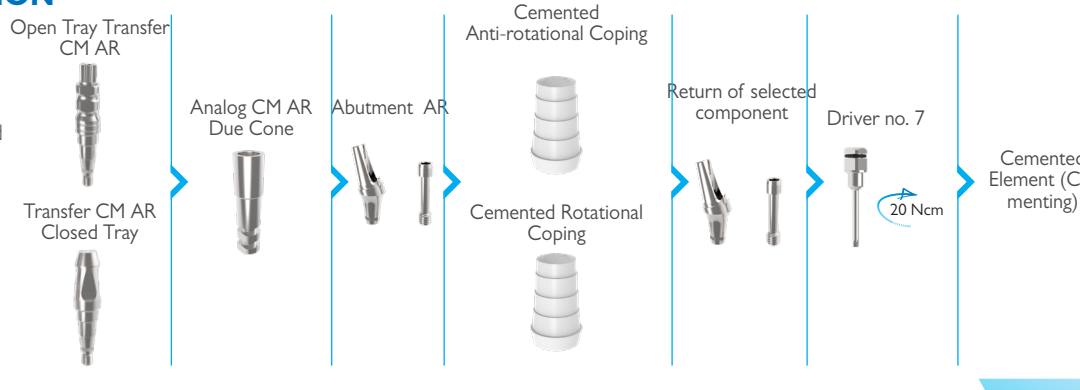
	DIAMETER X HEIGHT X COLLAR				
	COLLAR	3.5 x 4	3.5 x 6	4.5 x 4	4.5 x 6
ANGLED 25° (3 mm) (CEMENTED)					
0.8 mm		22902	22918	22942	22950
1.5 mm		22904	22920	22944	22952
2.5 mm		22906	22922	22946	22954
3.5 mm		22908	22924	22948	22956

For implants of 7 mm to 15 mm. Applied on implants CM | CMAR.

TYPE OF APPLICATION

CM AR

Open or closed tray technique. Used for the selection of indexed components. Only applied for Morse Taper CM AR implants.



COMPONENTS FOR ABUTMENTS

	HEIGHT	TRANSFER	ANALOG	CEMENTED COPING AR	HEALING ABUTMENT COVER	TUNNEL CHECK PROSTHESIS CM
3.5	4 mm	17428	217507	17466	26994	20701
	6 mm	17435	217521	17503	27007	
4.5	4 mm	17442	217545	17473	26987	
	6 mm	17459	217569	17480	27014	

\*Angled Abutment CM | CMAR does not allow the execution of screwed elements. Use cemented copings for this system.



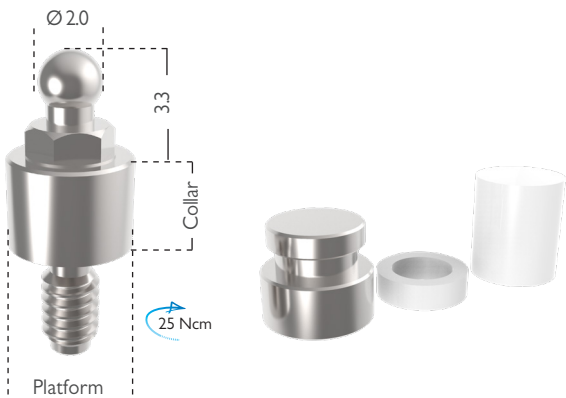
# O’RING

## 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.

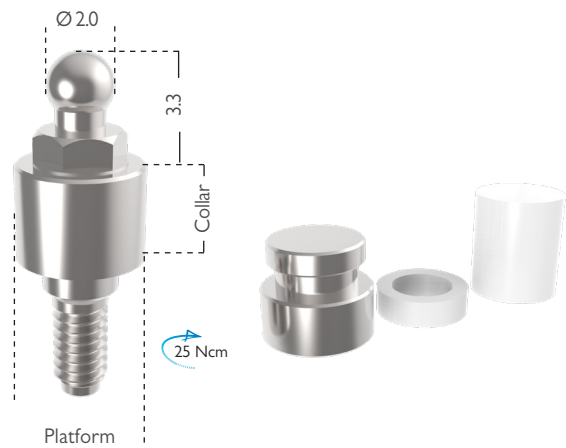
HE



HE	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

For implants of 7 mm to 15 mm.

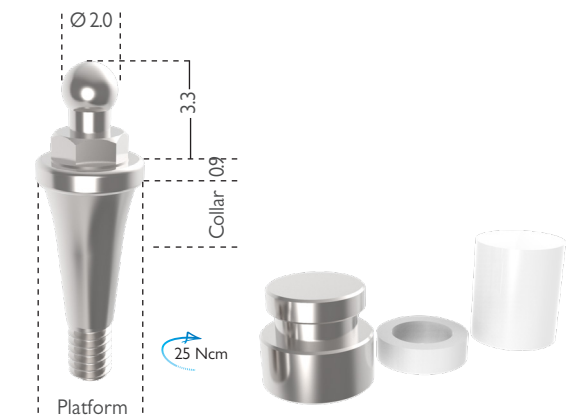
HI



HI	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

For implants of 7 mm to 15 mm.

CM



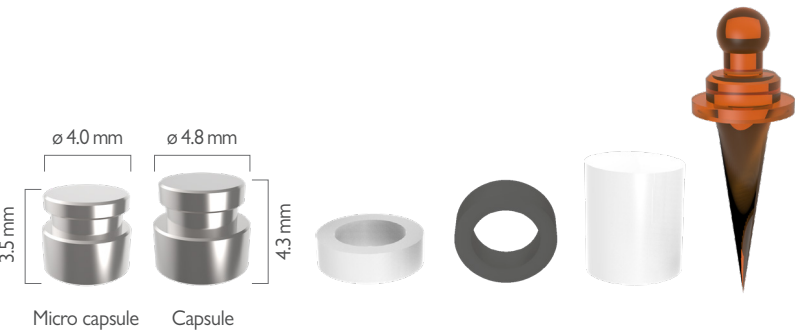
CM	COLLAR	
	0.8 mm	24280
	1.5 mm	24297
	2.5 mm	24303
	3.5 mm	24310
	4.5 mm	24327
	5.5 mm	24334

For implants of 7 mm to 15 mm.

# CALCINABLE O’RING

## OVERDENTURE

- Component with calcinable 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.

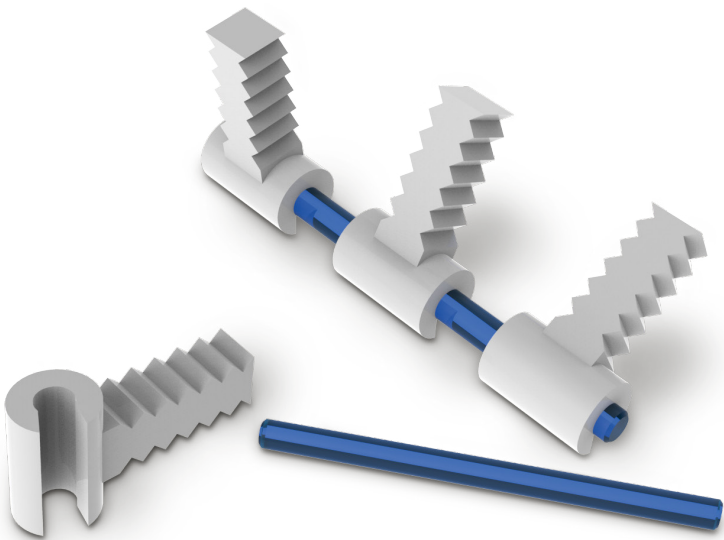


DESCRIPTION	
Calcuable O’ring for Positioning	19088
O’ring Washer – Spreader Ring	19668
Titanium O’ring Capsule	18920
Titanium O’ring Micro Capsule	19316
Plastic O’ring Capsule	20039
Rubber O’ring	10733
Rubber Micro O’ring	19095

# CLIP BAR

## OVERDENTURE

- 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.



DESCRIPTION	
CLIP BAR - Kit	18722
CLIP BAR - Cylindrical	19941
CLIP BAR – Straight	19231
CLIP BAR - 35°	19217
CLIP BAR - 70°	19224



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