February 2021

MULTYSYSTEM WORLD

MULTY SYSTEM dental implant

Operating Manual & General Catalog

IMPLANTOLOGY

DIGITAL

BIOMATERIALS

SURGERY

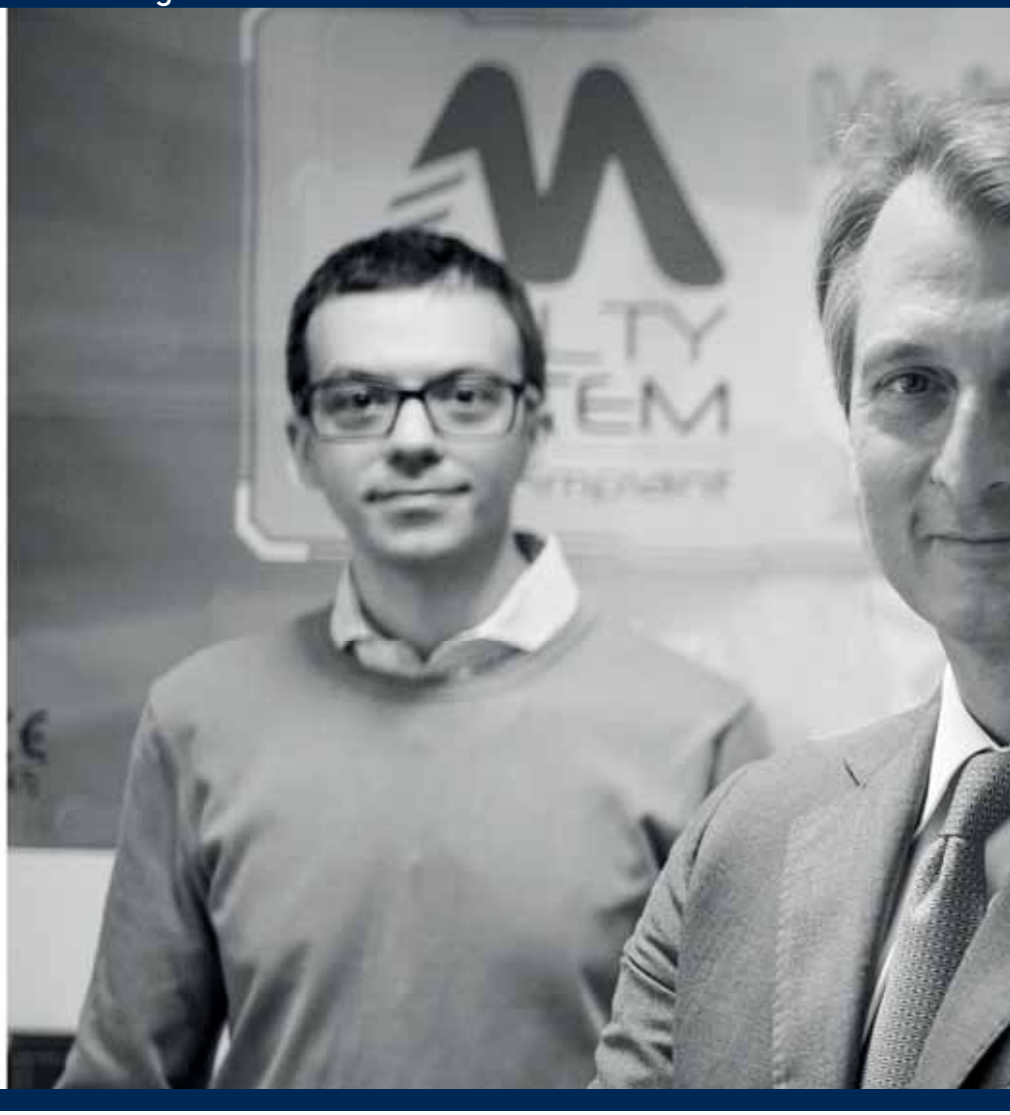
MADE IN ITALY
SINCE 1992

MULTYSYSTEM WORLD

OPERATING MANUAL
& GENERAL CATALOG 2021

Catalogue Index

Catalogue Index



TEAM
MULTYSYSTEM

Christian Malguzzi • CEO Multysystem

The **Multysystem TEAM** is composed of experts whose purpose is the development of dental products and services.

7 strategic departments have been created in order to complete the business MISSION.

- **SCIENTIFIC**
- **RESEARCH & DEVELOPMENT**
- **PRODUCTION**
- **QUALITY & CERTIFICATIONS**
- **MARKETING**
- **COMMERCIAL**
- **POST-SALE ASSISTENCE**

The ultimate aim is to offer a concrete support to doctors and technicians, with technological and innovative solutions obtained by analysed scientific studies and a continuous research, with flexibility and rapidity of interventions.

The Multysystem group benefits from its more than thirty-year experience in the biomedical sector gained by participating in multidisciplinary research aimed at the design and development of new prosthetic implant technologies in collaboration with universities, medical specialists, dentists and dental technicians.

The company's production processes are optimized and aligned to quality standards set by UNI EN ISO 9001:2015 and UNI EN ISO 13485:2016.

The synergies between research, clinical application and the extensive know-how in biomechanical field also ensure high quality implant products, in compliance with European Regulations set out by Directive 93/42 EEC concerning medical devices.

Multysystem® implant prosthetic system

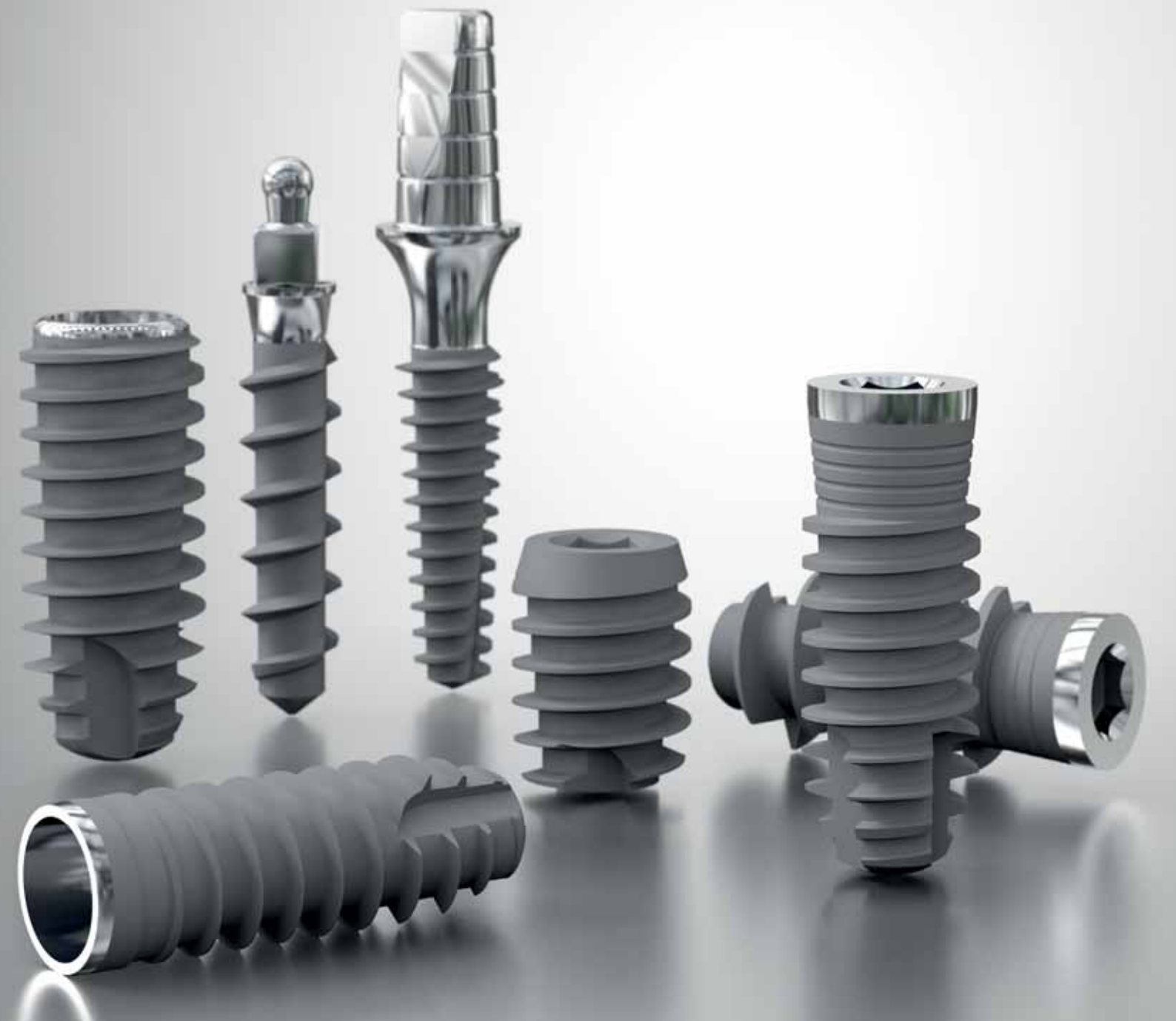
The intense commitment has enabled us to develop the Multysystem® implant retained prosthetic method, which stands out with following features:

- Reliability and technological innovation
- High quality of production processes
- High quality of raw materials, treatments and sterilization
- Wide range of types of systems
- Optimization of surgical / prosthetic instruments
- Completeness of prosthetic solutions
- Ease of use
- MDS Complete digital workflow MultySystem Discover the complete range of ours digital services on the web page: https://multysystem.com/digital

  or photograph the qrcode

The Multysystem goal, in the realization of its products, is to offer various alternatives in the different clinical and operational situations with which the operator must deal, aimed at designing a correct prosthetic rehabilitation program.

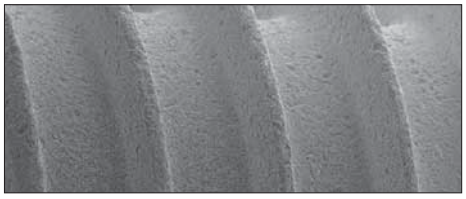
Implants Features
MULTYSYSTEM



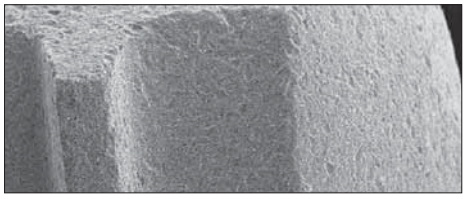
Surface treatment with High-Frequency Roughness (HFR)

Innovative osteo-conductive treatment surface with High Frequency roughness (HFR), submitted to all Multysystem® Implants, complies with the most recent studies related to the chemical and physical aspects and to the biological response of the implant surfaces. As has been amply demonstrated, development of such surfaces has led to identifying the response of osteogenic cells to micro-roughness. The topographic surface aspect influences osteoblastic activity, amplifying the platelet response and accelerating the progress of the bone regeneration process.

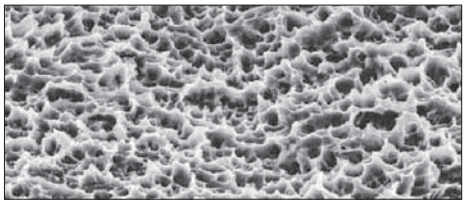
Electron microscope analysis (SEM)



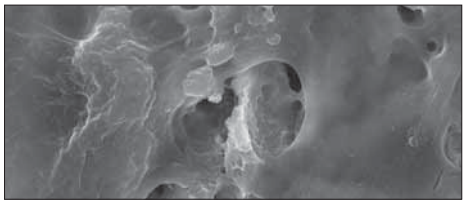
SEM detail (100X) of the thread of a Multysystem® implant with HFR surface treatment



SEM detail (200X) of the distal end of a Multysystem® implant with HFR surface treatment



SEM detail (5.00 K X). The roughness details produced by the HFR treatment are highlighted. As is evidenced, the distance between Apexs is only of a few microns.



SEM view (7.00 K X). In vitro testing. Note how, after three days' contact, the bone cells have completely colonised the surface

In SEM images, HFR surface treatment creates a characteristic homogeneous roughness which further increases the bone-implant contact surface supporting osseointegration process.

Decontamination with cold Argon Plasma

After surface treatment cycles, the Multysystem® implants are subjected to decontamination process with suitable solvents, followed by a final cold Argon Plasma treatment. This step performed in a suitable reactor for plasma treatment. After decontamination phase, the implants are subjected to XPS (X-Ray Photoelectron Spectroscopy) technical analysis to determine their decontamination status.

Packaging

In order to ensure perfect sterility, Multysystem® implants are packaged in unbreakable plastic bottles with a hermetic cap. In order to ensure a controlled atmosphere environment, packaging takes place in a clean room. The implant pack aging procedures are performed under laminar flow hood in compliance with the highest standards of cleanliness.

Multysystem Implants packaging

The Multysystem® implants are individually packed as follows:

- External packaging with adhesive label for immediate identification of the implant.
- Secondary packaging consisting of a vial with a removable adhesive label to be attached to the medical records (which then allows product identification and traceability).
- Primary packaging consisting of a container on which the implant is anchored by means of the specific mount support that facilitates its transfer to the oral cavity. In the case of biphasic implants, the container also acts as a surgical screw cap holder.

TC Implant Packaging

Before using, check packaging integrity. If package shows signs of tampering, sterilisation is no longer guaranteed.

CC Implant Packaging

Remove the closing cap of TC implant

Remove the primary container of TC implant

Remove the closing cap of CC implant

Remove the primary container of CC implant

Remove the fixture with the aid of the tool driver contained in the surgical set

Implant passport accompanying the package

Remove the fixture with the aid of the mount transfer of CC implant

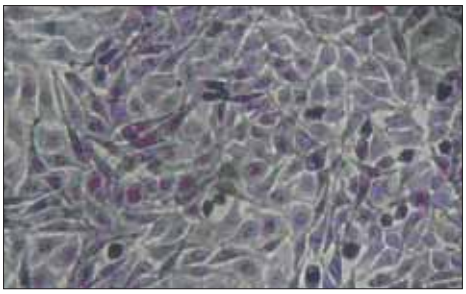
N.B. The fixture must be pulled out of primary container using the appropriate mount transfer, in order to avoid contamination and deterioration of the layer of titanium oxide formed by exposure to air.

Sterilisation

Multysystem® implants undergo a sterilisation treatment with accelerated electrons (beta rays) in compliance with EN 552 and EN 556 standards. The dose audit is validated in accordance with EN 552, ISO 11137 and ISO 13409. Implant samples are periodically subjected to Bioburden control, which determines the microbial load. These tests verify that the sterilisation parameters established by the Multysystem Protocol do not change over time.

Cytotoxicity Analysis

The cytotoxicity tests performed on Multysystem® implants were conducted according to EN ISO 10993/5 protocols: 1999 Biological Evaluation of Medical Devices Part 5: Tests for cytotoxicity: in vitro methods, demonstrate absence of toxic effects at the cell monolayer level, as is evidenced by the general appearance and cell density. Basically the Multysystem® implants do not exert any cytotoxic activity against L929 fibroblasts. This result indicates that the processing cycle does not involve any residues accumulation on implants or substances with toxic effects about the cells.



Negative control image

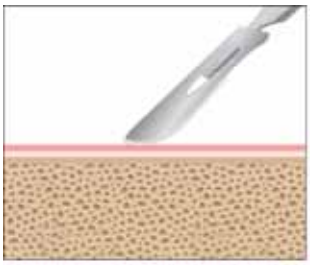
Mechanical tests

Mechanical tests on Multysystem® implants have been carried out by the Bioengineering Department of Politecnico in Milano. Tests related to static mechanical resistance in condition of MONOTICA compression with eccentric load applied in axis with the implant have been carried out in order to verify the maximum TENSIOFLESSORIA resistance of the abutment connection screw and resistance tests to cyclical stress (strain). The implant passed the test enduring 5.000.000 load cycles. Both the tests have been passed with an amply positive exit, demonstrating the Multysystem® implants high qualitative standard.

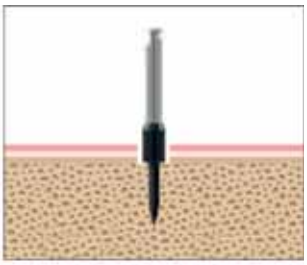
TC and **CC** biphasic implant use

Fixture site creation

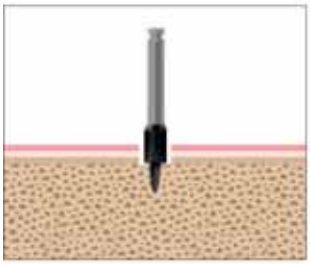
It's important to ensure that drilling always takes place during copious irrigation with a saline solution at room temperature in order to avoid overheating, with consequent tissue damage, and to maintain perfect visibility of the operating field. To this purpose, the control unit of surgical micro-motor must allow a drill rotation of 300-400 rpm in order to avoid necrosis of the bone, which would jeopardise osseointegration. For the same reason the torque is important, which must be 50 Ncm for drilling and 35-40 Ncm for screwing the fixture.



1. Incision of the mucosa with the scalpel

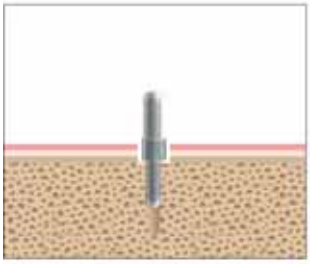


2. Creation of the insertion. point with the centring drill

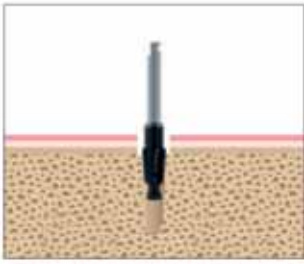


3. Perforation of the cortical bone with the cortical drill

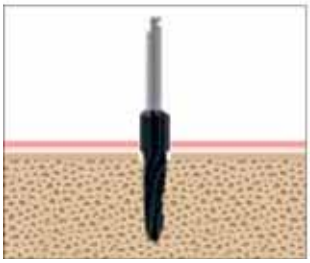
4. Determination of the fixture orientation and the drilling depth with the millimetre marked pilot drill



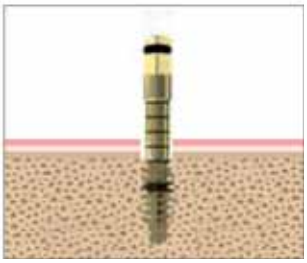
5. Verifying the inclination with the inclination marker



6. Trimming the coronal bone of the implant site with the countersink drill (where expected



7. Calibrating the final diameter of the implant site with the trimming drill

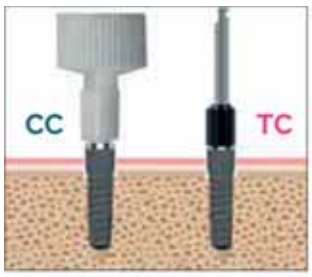


8. Tapping the bone site with the manual millimetre marked bone tap inserted in the ratchet

(Optional)

TC • CC biphasic implants insertion

The fixture must be chosen according to the conditions of the bone area (lax trabecula bone = self-tapping screw), to the thickness of the bone and the type of envisaged prosthetic reconstruction (rear zones = larger diameter implants). In general, it is a good idea to always insert the fixture with the largest diameter compatible with the implant area so that, once osseointegration has occurred, the occlusal forces tend to be distributed at a cortical level reducing the possibility of bone resorption over time. Once inserted at the entrance of the bone site, the fixture is screwed with the special contra-angle manual or mechanical adapter at a speed of 18-22 rpm under copious irrigation. As soon as excessive resistance is encountered, the calibrated torque of the surgical engine blocks the screw and the operator can complete insertion with a manual ratchet or with a variable torque wrench, proceeding until the edge of the crown margin of the fixture is flush with the bone crest. Finally, the surgical screw cap is screwed to the fixture.



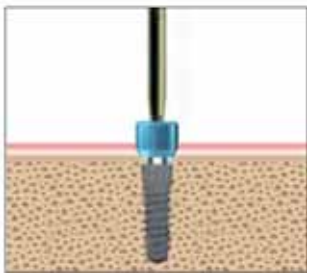
*1. Placing the **TC/CC** Mulysystem® implant in the bone site with the digital transfer*

*2. Screwing the **TC/CC** Mulysystem® implant with the ratchet complete with adapter*

Delayed load
(two surgical times)

*3a. In case of delayed load (two surgical times) screw to the **TC/CC** Multysystem® implant the surgical screw cap on the fixture with the polyvalent screwdriver*

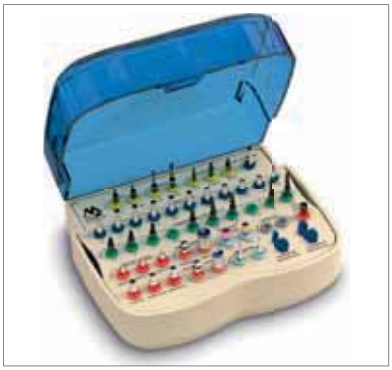
Immediate load
(one surgical time)



*3b. In case of immediate load (one surgical time) screw to the **TC/CC** Multysystem® implant the healing stump with the polyvalent screwdriver*

Cleaning and sterilisating surgical instruments

In order to clean instruments properly, first of all it is important to lower the bacterial load by dipping instruments in decontaminant liquid, carefully following the dilution and dipping times reported on the Data Sheet of the product used. Completed decontamination stage we effect a manual wash with the aid of specific regular and interdental brushes, in order to remove any organic residues. Subsequently the instruments should be immersed in an ultrasonic bath, using an enzymatic cleaner for about 15 minutes. Once the cleansing process has ended, the instruments must be removed and dried with extreme care in order to ensure that any residual moisture does not interfere with the sterilisation phase. We then proceed to bagging them. After bagging, proceed with steam autoclave sterilisation at a temperature of 134 ° C respecting the validated cycle issued by the manufacturer.



TC • CC surgical and prosthetic procedures

The chemical and topographic surface features of the fixture allow a reduction of the bone healing time, thereby anticipating the functional load. During the process of bone healing, the fixture should not be subjected to stresses which may cause premature loss.

Only when complying with such conditions will the bone be formed in direct contact with the fixture ("osseointegration") and, once the prosthetic rehabilitation has been completed, will it bear the loads generated by chewing.

Once the bone has healed, it is necessary to uncover the head of the submerged fixture.

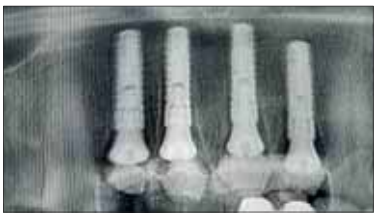
To do this, the operator has two techniques available:
1) An operculum of the mucosa overlying the fixture is removed with the aid of a tissue pump.

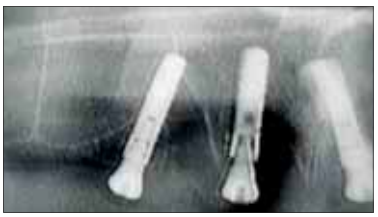
2) In cases of excessive thickness of the gingival tissues, or of poorly attached gingiva, performing an operation with a flap incision on the crest is preferable.

After removing the surgical screw cap from the fixture, a healing screw cap with a slightly greater height than the thickness of the gingival tissue must be screwed back on.

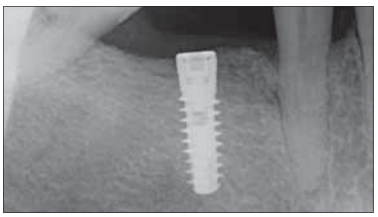
This will assist the healing of the gum tissue and after 10 days or so the imprint may be taken. If desired, the definitive abutments may be fixed during the re-entry operation; also taking the imprint for making a temporary prosthesis during the same session.

Once the implants have been uncovered, it is not always possible to replace the existing prosthesis (fixed or mobile) with considerable discomfort for the patient.





Osseointegrated TC fixture RX



Osseointegrated CC fixture RX

1. Uncovering the head of the submerged fixture with the appropriate tissue punch

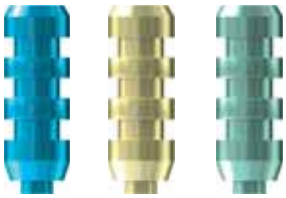
2. Removing the surgical screw cap from the fixture with the polyvalent screwdriver

3. Screwing the healing screw cap to the fixture with the polyvalent screwdriver

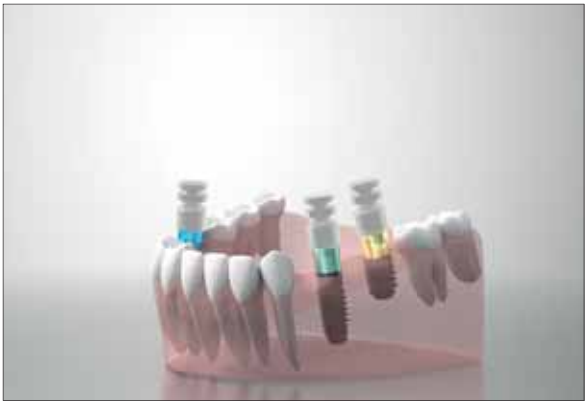
It is important to emphasise that success and longevity depend not only on the quality of the materials used, but also on the prosthesis design, the balanced distribution of occlusal loads, the absence of centric or eccentric pre-contacts and finally on the patient maintaining oral hygiene.

TC & CC impression and prosthetic solutions indications

Pick up tranfert (closed tray)



Pick-up tranfert (open tray)



1. A • Placement of tranfert copy

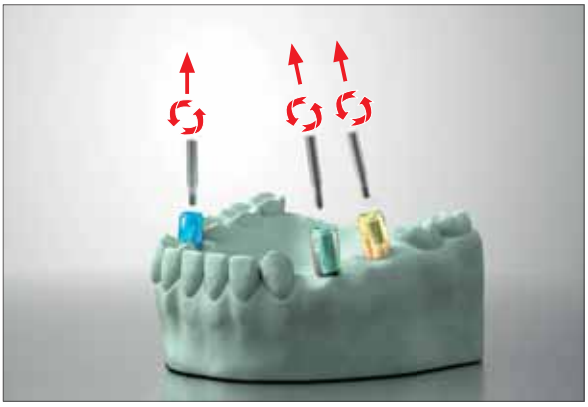
1 B • Placement of tranfert copy

2. A • Standard tray impression (closed tray)

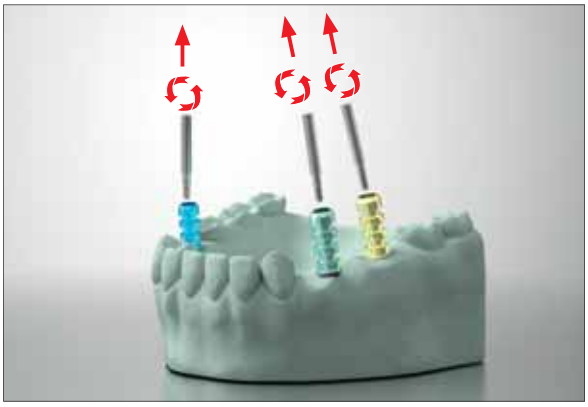
2. B • Individual tray impression (open tray)

TC & CC from plaster model to prosthetic product

1 Pick up tranfert (closed tray)



2 Pick-up tranfert (open tray)



3. A • Removal of screws e pick-up transfer from plaster model

3. B • Removal of screws and pick-up transfer from plaster model

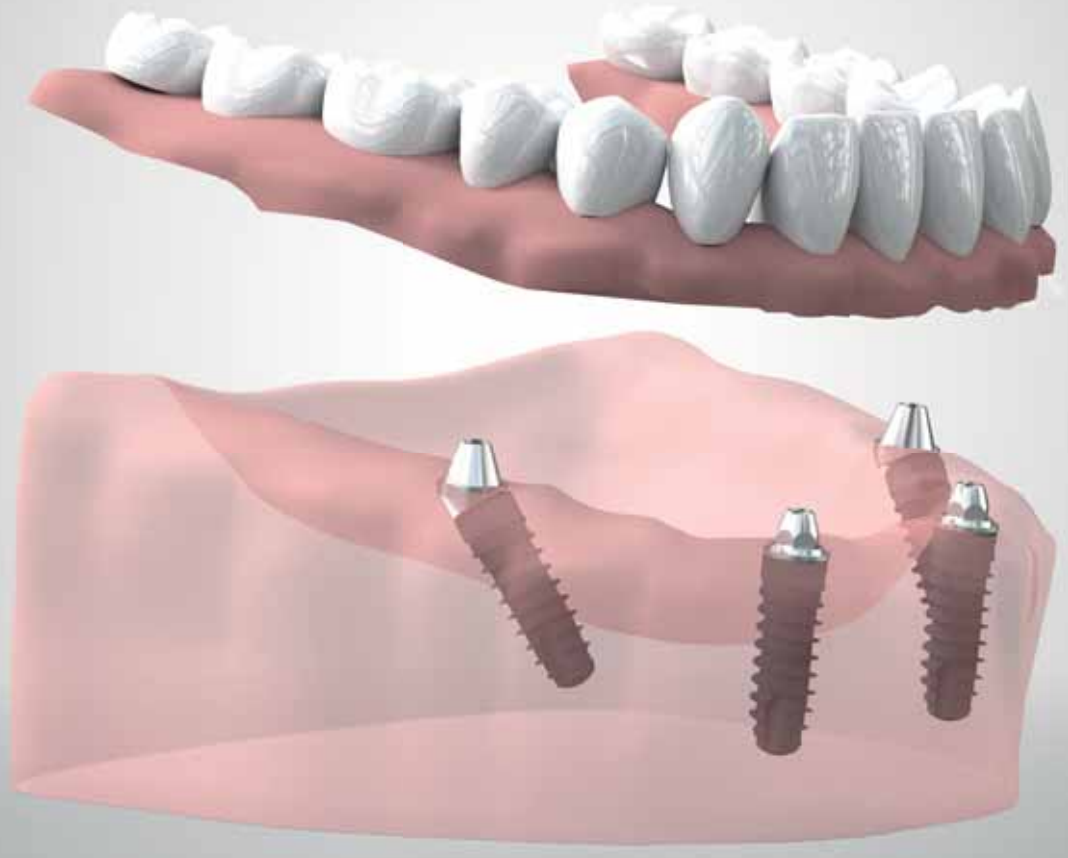
4. • Choice of prosthetic abutments on plaster model

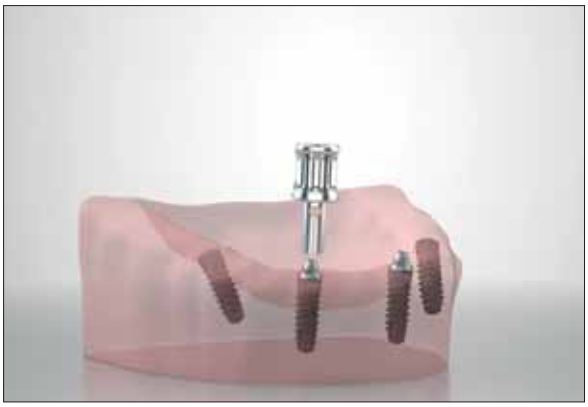
5. • Placement of prosthetic abutments on implants

6. • Placement of prosthetic product in situ

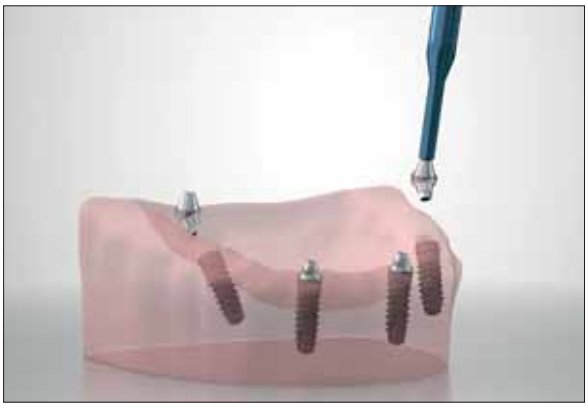
Unified **TC** and **CC** use protocol of the bases Multi-Unit for screw-retained prosthesis with immediate loading

The Multi-Unit bases of the Multysystem® line allow a minimally invasive therapeutic solution for edentulous patients with jawbone or maxillary atrophy problems, which consists in the stabilisation of a screwed Toronto Bridge prosthesis.
The technique consists in inserting only four implants, two in each half arch, positioned in the rear section with an inclination of up to 35° compared with the two front ones. This procedure is aimed at ensuring the stability of the prosthesis in respect of the masticatory load distribution. In order to properly plan all the surgical procedures, the use of a CT scan is recommended, allowing the three-dimensional maxilla-facial structure evaluation. It is also recommended that the patient should wear a radiopaque implant template, in order to transfer the image of the future prosthetic reconstruction to the x-ray plate. This allows the operator to plan the location of the implants in relation to the prosthetic forecast. In order to prepare the implant site, proceed with guided surgery or traditional surgery technique.

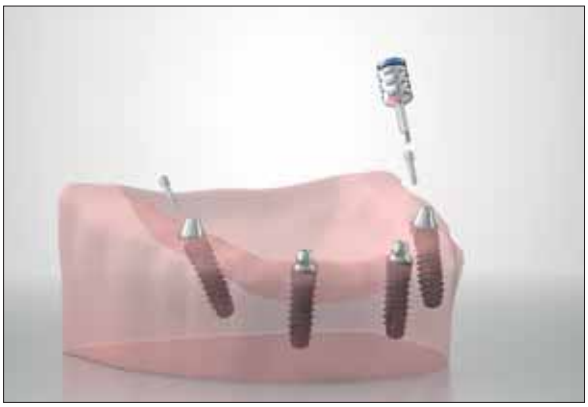




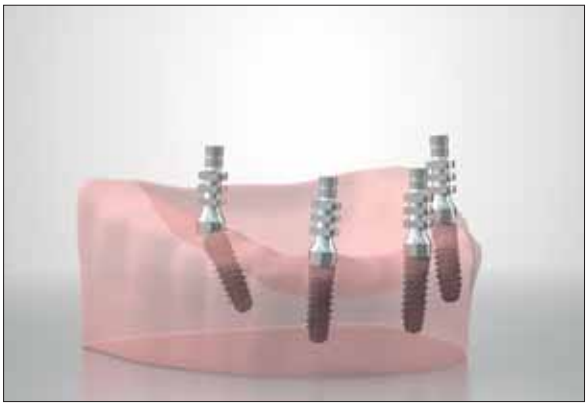
1 • Screw the straight MU bases with the appropriate screwdriver and complete tightening with the 30 Ncm torque wrench, connected to the prosthetic screw adapter for straight MU bases.



2 • In order to facilitate placing the MU bases in the mouth, use the mount transfer.



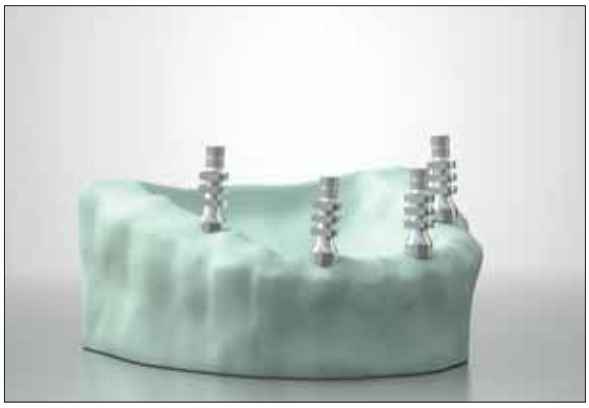
3 • Screw the closing fitting screw of the angled MU base with the polyvalent screwdriver and complete tightening with the 30 Ncm torque wrench, connected to the prosthetic screw adapter.



4 • Once the connection of the MU bases in the implants has been carried out, screw the specific MU transfers copy to the MU bases to take the impression.

After connecting the transfers copy to their bases, take an imprint with the aid of an individual imprint tray and send it to the dental laboratory.

In case of delayed loading, after having taken the imprint to protect the MU base, the special healing caps MU in peek must be used. Their use must not exceed a period of 30 hours, after which they must be removed.



5 • The plaster model should be reproduced in the lab, screwing the transfers to the appropriate MU analogues, which faithfully reproduce the taper of the MU bases.

6 • Once the plaster model has been created, proceed with choosing the provisional or final MU abutments according to the type of prosthetic solution chosen.

7 • Transfer the final abutments and the prosthetic product into the mouth.

8 • Secure the prosthetic product using locking screws.

TC Implants features

FEATURES OF MULTYSYSTEM® BIPHASIC IMPLANT TAPERED CONNECTION TC

Multysystem® TC implants with conical connection and internal hex are divided into different lines:

TC-N (Tapered Connection Narrow)
TC-R (Tapered Connection Regular)

TC internal connection:

Cono morse and internal threaded features with conical hole 4,5° degrees angled per side, followed by internal hex
CONO MORSE principle to guarantee:

- Antibacterial closing
- Abutment stability improvement
- Antirotational action
- Anti unscrewing system

TC implant Design:

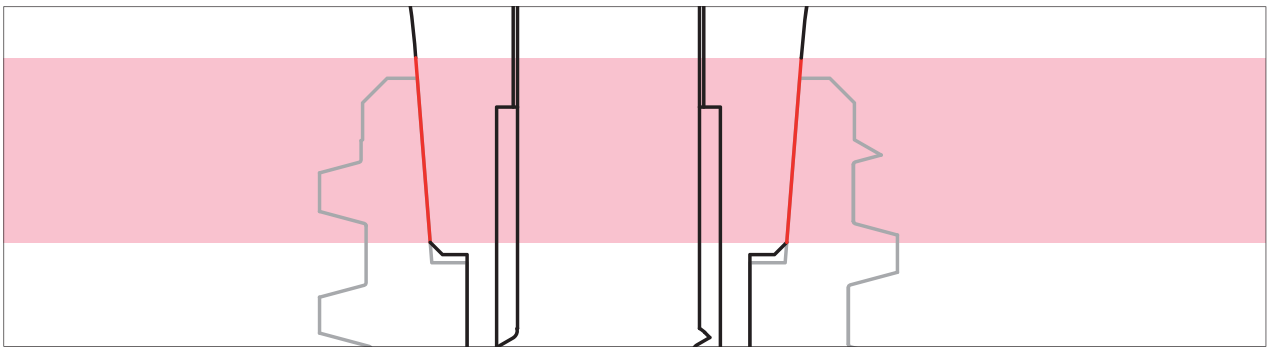
- Tapered biphasic System
- Self tapping with apical longitudinal antirotation drillings
- Terminal part of the neck is polished for 0,3 mm in order to facilitate biocompatibility with soft tissues

TC implant thread-pitch:

- 1.0 mm - to ensure the primary stability in presence of D1 and D2 bone density or
- 2.0 mm - to compact alveoli with types of softer bone, D3 and D4 density or post-extractive sites

TC implants measures:

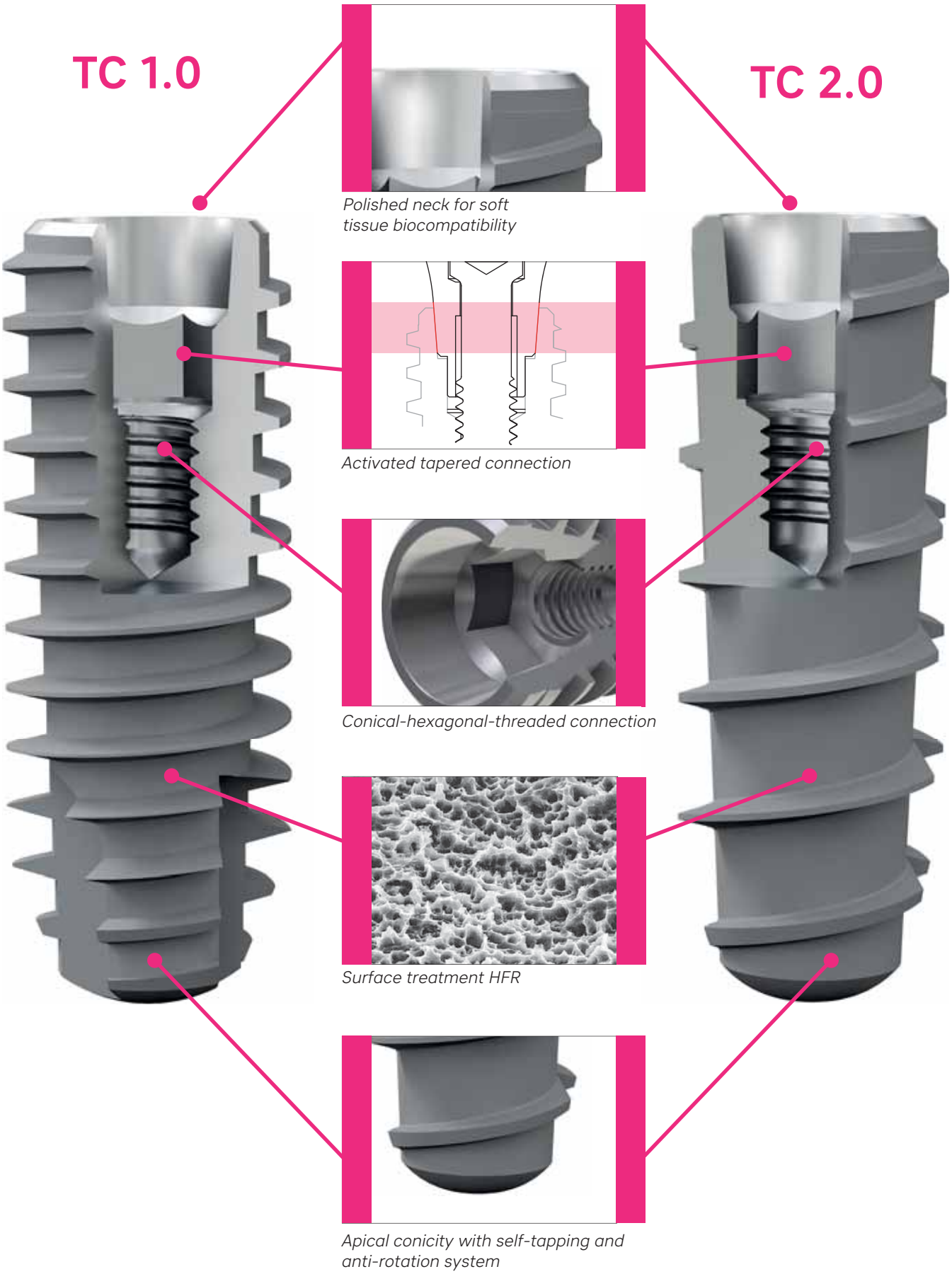
- Diameter from 3,2 to 5,5 mm
- Lengths from 7,0 to 15,0 mm



Activated tapered connection

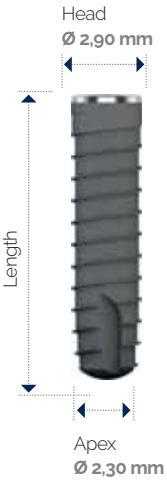
TC IMPLANTS FEATURES SUMMARY TABLE

Implant Line	Neck	Thread-picth	Internal Hex	Internal Screw	Unified Head Diameter	Prosthetic Colour code	Application Indication
TC-N 1.0 (Ø 3,20)	Polished 0,8 mm	1 mm	1,90 mm	1,5 mm	2,9 mm	TC-N	Mainly indicated both for upper and lower central areas
TC-R 1.0 (Ø 3,70 • Ø 4,20)	Polished Ø 3,70 - 0,6 mm Ø 4,20 - 0,5 mm	1 mm	2,28 mm	1,8 mm	3,6 mm	TC-R	The application of TC-R 3,7 and 4,2 mm diameter is mainly indicated mainly indicated both for upper and lower central and lateral areas.
TC-R 1.0 (Ø 4,70 • Ø 5,20)	Polished 0,5 mm	1 mm	2,28 mm	1,8 mm	4,0 mm	TC-R	The application of TC-R 4,7 and 5,2 mm diameters is mainly indicated both for rear and lateral areas.
TC-R 2.0 (Ø 4,50 • Ø 5,50)	Polished 0,5 mm	2 mm	2,28 mm	1,8 mm	4,0 mm	TC-R	The use of TC-R 4,5 – 5,5 mm diameters is mainly indicated both for frontal, rear and lateral areas as post-extraction implants.


TC 1.0
TC 2.0
Polished neck for soft tissue biocompatibility
Activated tapered connection
Conical-hexagonal-threaded connection
Surface treatment HFR
Apical conicity with self-tapping and anti-rotation system

TC Biphasic implant

Multysystem® TC-N & TC-R with internal hex and cono morse connection, activated surface H.F.R. (High Frequency Roughness) for anticipated loading



1.0 TC-N (narrow)

Diameters:
3,2 mm

Lengths:
8,5 - 10 – 11,5 – 13 – 15 mm

Prosthetic connection colour code

1.0 TC-R (regular)

Diameters:
3,7 – 4,2 mm

Lengths:
7 - 8,5 - 10 – 11,5 – 13 – 15 mm

Prosthetic connection colour code

1.0 TC-R (regular)

Diameters:
4,7 - 5,2 mm

Lengths:
7 - 8,5 - 10 – 11,5 – 13 – 15 mm

Prosthetic connection colour code

2.0 TC-R (regular)

Diameters:
4,5 - 5,5 mm

Lengths:
7 - 8,5 - 10 – 11,5 – 13 – 15 mm

Prosthetic connection colour code

TC drill sequence

TC-N 1.0 Biphasic implants • Ø 3,2

Centring drill	Pilot drill	Millimetre marked first drill	Millimetre marked trimmin drill
Ø 1,8 mm	Ø 2,3 mm	Ø 2,55 mm	Ø 2,85 mm
			

TC-R 1.0 Biphasic implants • Ø 3,7-4,2

Centring drill	Pilot drill	Millimetre marked first drill	Millimetre marked trimmin drill	Countersink
Ø 1,8 mm	Ø 2,3 mm	Ø 2,55 mm	Ø 2,85 mm	Ø 3,6 mm
				

TC-R 1.0 Biphasic implants • Ø 4,7-5,2
TC-R 2.0 Biphasic implants • Ø 4,5-5,5

Centring drill	Pilot drill	Millimetre marked first drill	Millimetre marked trimmin drill	Countersink	Calibrated Drill
Ø 1,8 mm	Ø 2,3 mm	Ø 2,55 mm	Ø 2,85 mm	Ø 4,0/4,5 mm	Ø 2,85/4,0 mm
				 quote Ø 4,0 mm	

TC Implants

1.0 TC-N Biphasic implants Ø 3,2

- slightly conical profile and common cylindrical head of 2,9 mm diameter
- 0.3 mm polish collar to facilitate soft tissue compatibility
- three longitudinal drillings in the apical side for self-tapping and anti-rotation function
- 1,0 mm of thread for primary stability
- indicated in the presence of the D1 and D2 bone
- mainly indicated for the upper and lower central areas

Implant	1.0 TC-N
Diameter	Ø 3,2 mm
Neck Polished height 0,8mm	
Thread-pitch	1,0 mm
Head	Ø 2,9 mm
Prosthetic Connection	TC-N
Geometry Connection	Conical with Internal hex Ø 1,90 mm
Length	Ref. No.
8,5 mm	9013208
10,0 mm	9013210
11,5 mm	9013211
13,0 mm	9013213
15,0 mm	9013215

Drills sequence for Biphasic Implants **1.0 TC-N** · Ø 3.2 mm

Centring drill
Ø 1,8 mm

Pilot drill
Ø 2,3 mm

Millimetre marked first drill
Ø 2,55 mm

Millimetre marked trimmin drill
Ø 2,85 mm

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to go to the video page

Drills sequence for implants
TC-N 1.0

1.0 TC-R Biphasic implants Ø 3,7 • Ø 4,2

- slightly conical profile and common cylindrical head of 3,6 mm diameter
- 0,3 mm polish collar to facilitate soft tissue compatibility
- three longitudinal drillings in the apical side for self-tapping and anti-rotation function
- 1,0 mm of thread for primary stability
- indicated in the presence of the D1 and D2 bone
- indicated in cases of sinus maxillary, both for upper and lower central and rear areas, and for immediate prosthetic load technique

Implant	1.0 TC-R	
Diameter	Ø 3,7 mm	Ø 4,2 mm
Ø 3,7mm Neck Polished height 0,6mm Ø 4,2mm Neck Polished height 0,5mm		
Thread-pitch	1,0 mm	
Head	Ø 3,6 mm	
Prosthetic Connection	TC-R	
Geometry Connection	Conical with Internal hex Ø 2,28 mm	
Length	Ref. No.	
7,0 mm	9013707	9014207
8,5 mm	9013708	9014208
10,0 mm	9013710	9014210
11,5 mm	9013711	9014211
13,0 mm	9013713	9014213
15,0 mm	9013715	9014215

Drills sequence for Biphasic Implants **1.0 TC-R** • Ø 3,7 mm • Ø 4,2 mm

Centring drill	Pilot drill	Millimetre marked first drill	Millimetre marked trimmin drill	Countersink
Ø 1,8 mm	Ø 2,3 mm	Ø 2,55 mm	Ø 2,85 mm	Ø 3,6 mm
				

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Drills sequence for implants TC-R 1.0

1.0 TC-R Biphasic implants Ø 4,7 • Ø 5,2

- slightly conical profile and common cylindrical head of 4,0 mm diameter
- 0.3 mm polish collar to facilitate soft tissue compatibility
- three longitudinal drillings in the apical side for self-tapping and anti-rotation function
- 1,0 mm of thread for primary stability
- indicated in the presence of the D1 and D2 bone
- indicated both for rear and lateral areas

Implant	1.0 TC-R	
Diameter	Ø 4,7 mm	Ø 5,2 mm
Neck Polished height 0,5mm		
Thread-pitch	1,0 mm	
Head	Ø 4,0 mm	
Prosthetic Connection	TC-R	
Geometry Connection	Conical with Internal hex Ø 2,28 mm	
Length	Ref. No.	
7,0 mm	9014707	9015207
8,5 mm	9014708	9015208
10,0 mm	9014710	9015210
11,5 mm	9014711	9015211
13,0 mm	9014713	9015213
15,0 mm	9014715	9015215

Drills sequence for Biphasic Implants **1.0 TC-R** • Ø 4.7 mm • Ø 5,2 mm

Centring drill
Ø 1,8 mm


Pilot drill
Ø 2,3 mm


Millimetre marked first drill
Ø 2,55 mm


Millimetre marked trimmin drill
Ø 2,85 mm


Countersink
Ø 4,0/4,5 mm

quote Ø 4,0 mm

Calibrated Drill
Ø 2,85/4,0 mm


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Drills sequence for implants TC-R 1.0

2.0 TC-R Biphasic implants Ø 4,5 • Ø 5,5

- slightly conical profile and common cylindrical head of 4,0 mm diameter
- 0,3 mm polish collar to facilitate soft tissue compatibility
- three longitudinal drillings in the apical side for self-tapping and anti-rotation function
- 2,0 mm of thread for primary stability
- indicated in the presence of the D3 and D4 bone
- mainly indicated both for rear and lateral areas, post-extraction sites and ideal for immediate surgery procedure technique

Implant	2.0 TC-R	
Diameter	Ø 4,5 mm	Ø 5,5 mm
Neck Polished height 0,5mm		
Thread-pitch	2,0 mm	
Head	Ø 4,0 mm	
Prosthetic Connection	TC-R	
Geometry Connection	Conical with Internal hex Ø 2,28 mm	
Length	Ref. No.	
7,0 mm	9054507	9055507
8,5 mm	9054508	9055508
10,0 mm	9054510	9055510
11,5 mm	9054511	9055511
13,0 mm	9054513	9055513
15,0 mm	9054515	9055515

Drills sequence for Biphasic Implants **2.0 TC-R** • Ø 4,5 mm • Ø 5,5 mm

Centring drill
Ø 1,8 mm

Pilot drill
Ø 2,3 mm

Millimetre marked first drill
Ø 2,55 mm

Millimetre marked trimmin drill
Ø 2,85 mm

Countersink
Ø 4,0/4,5 mm

Calibrated Drill
Ø 2,85/4,0 mm

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Drills sequence for implants
TC-R 2.0

Prosthetic abutments for TC Multysystem® Biphasic implants

The range of Multysystem® prosthetic abutments envisages a colour coding system in order to allow quick identification. The prosthetic components are divided into three specific lines:

TC-N

TC-N Narrow
with Ø 2,9 mm base

TC-R

TC-R Regular
with Ø 3,6 mm base

Straight abutment h. 6 mm

Available connections

TC-N TC-R

Preangled abutment

Available connections

TC-N TC-R

Temporary abutment

Available connections

TC-N TC-R

Premilled universal abutment

Available connections

TC-N TC-R

Ucla CrCo abutment

Available connections

TC-N TC-R

Castable abutment

Available connections

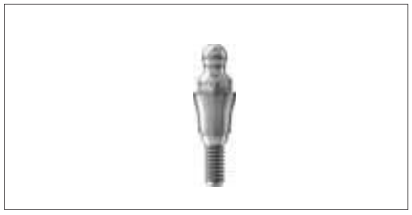
TC-N TC-R

Bar abutment

Available connections

TC-N TC-R

Ball attachment



Available connections

TC-N TC-R

Equator attachment

Available connections

TC-N TC-R

Digital T-Base

Available connections

TC-N TC-R

Switch bases for CAD CAM
• conometry activated •

Available connections

TC-N TC-R

Switch bases for CAD CAM
• conometry not activated •

Available connections

TC-N TC-R

Pre-Milled for Milling Machine

Available connections

TC-N TC-R

Multi-Unit prosthetic line

MU straight base

Available connections

TC-R

MU preangled 17°-35° base

Available connections

TC-R

MU provisional base

Available connections

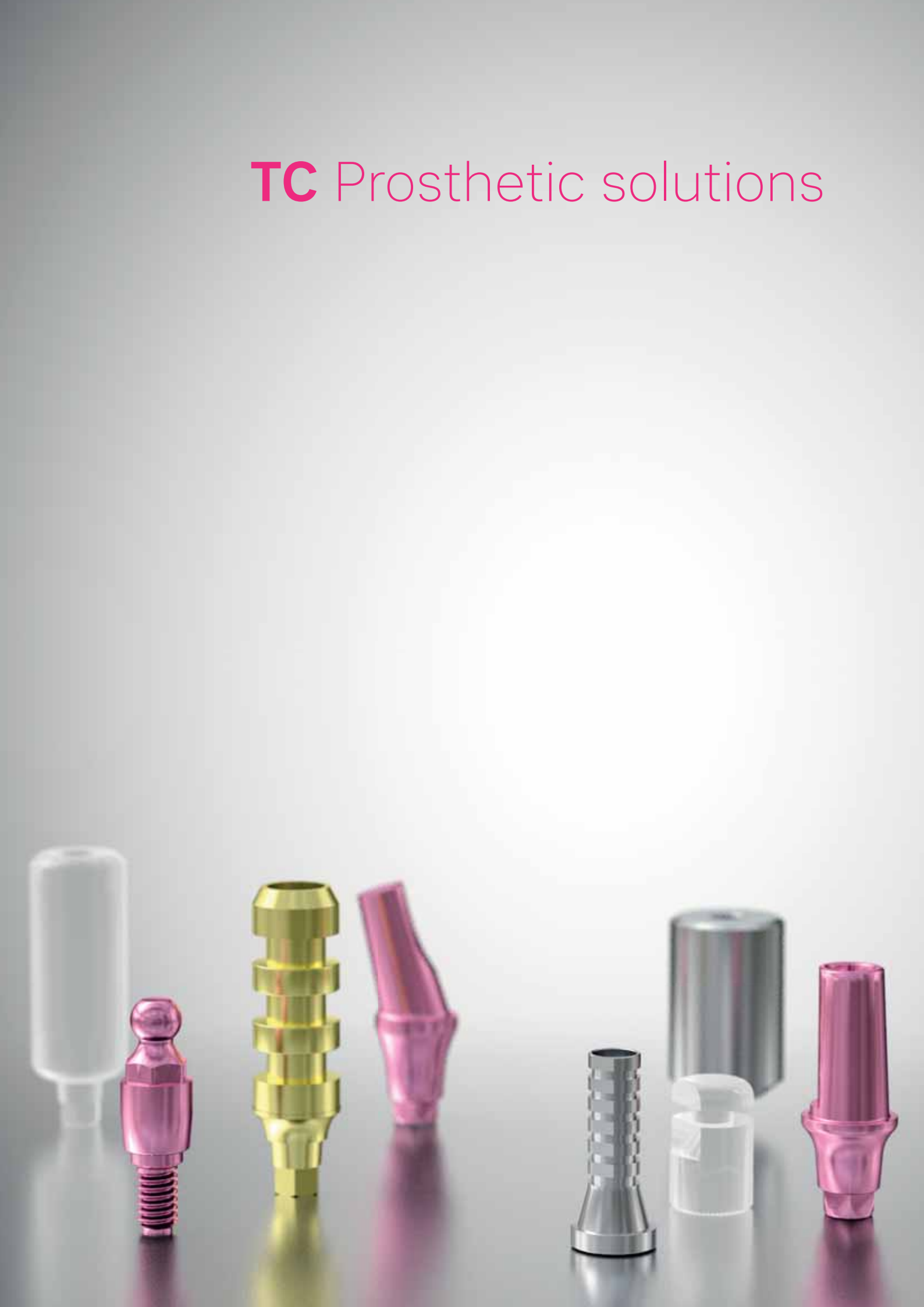
TC-R

Castable MU abutment

Available connections

TC-R

TC Prosthetic solutions



The Multysystem® Multi-Unit prosthetic line enables rehabilitation solutions of partial or total upper or lower jaw edentulous patients, even in the presence of strong disparallelism. Clinical cases involving the insertion of distally inclined implants in order to limit reconstructive bone treatments are on the increase.

Multi-Unit titanium bases

Locking screw for bases included

Angle	Straight	Straight	Straight	17°	17°	35°	35°
Chamfer height	2,0 mm	3,0 mm	4,0 mm	2,0 mm	3,0 mm	3,0 mm	4,0 mm
Material: Titanium							
Diameter	Ø 5.0 mm						
Compatibility Implants	TC-R						
Description	Multi-Unit straight base			Multi-Unit 17° angled base		Multi-Unit 35° angled base	
	Ref. No.						
	9670020	9670030	9670040	9671720	9671730	9673530	9673540
Note				MU bases with 17° and 35° inclination ease the parallelism of more implants, which are in disparallelism			

MU healing cap in Peek

Material: Peek	
Description	MU healing cap in Peek
	Ref. No.
	9671700
Note	Protect the MU bases before the prosthesis

MU Pick-up transfer Rotating h.8 mm

Material: : Steel	
Complete with: Locking screw, choice between h. 3 or 6 mm	
Description	They have to be placed on the MU bases for the impression copy
	Ref. No.
	9671000
Note	They have to be placed on the MU bases for the imprinting

MU Abutments

Material:	Titanium	Castable
Complete with: Prosthetic locking passing screw		
Description	MU Temporary titanium abutment	MU Castable abutment
	Ref. No.	
	9671090	9671030
Note	The MU temporary abutments are rotate in order to protect the implant from disparallelism.	The MU castable abutments rotate and may be modified at will by prior waxing and moulding in gold or other alloys.

MU Analogue

Material: Steel	
Description	MU Analogue
	Ref. No.
	7671500
Note	The MU analogues are matched to the MU transfer to develop the plaster model

Multi-Unit surgical and prosthetic instruments

Quantity:	1	1	2
Material: Steel			
Description	MU straight base countersink	MU angled base countersink	Drill screwdriver for MU base
	Ref. No.		
	7677403	7677404	7677405
Note	Suitable for preparing the bone crest in order to facilitate positioning the MU bases		Suitable for screwing the Multi-Unit straight bases on the implants

Base mounter MU

Material: Steel	
Description	Base mounter MU
	Ref. No.
	7671033
Note	Assists in placing the MU bases in the oral cavity during the implant connection phase.

Surgical direction guide titanium

Material: Titanium	
Description	Surgical direction guide
	Ref. No.
	7661034
Note	Suitable for adjusting phases with max inclination 35°. For fixing the guide to the maxillary make an osteotomy of approximately 10 mm in the midline using the appropriate calibrated drill Ø 2 mm..

Multi-Unit Spare screws

3 pieces pack

Height:			3,0 mm	6,0 mm
Material: Titanium				
Description	Passing Screw for MU Bases	MU Prosthetic Passing Screw	Passing Screw for MU Transfer	
	Ref. No.			
	9671099	9671098	9671013	9671016

Healing cap screws

2 pieces pack

Height (countersink included)	3,0 mm	4,5 mm	6,0 mm
Material: Titanium			
Treatment: Oxidation of Titanium			
Prosthetic Connection: TC-N			
Diameter	Ø 4,5 mm		
Implants Compatibility	TC-N		
Description	Healing cap screws		
	Ref. No.		
	9171730	9171745	9171760
Note	They are used after the implants uncovering in order to obtain the best emerging profile.		

Healing cap screws

2 pieces pack

Height (countersink included)	3,0 mm	4,5 mm	6,0 mm
Material: Titanium			
Treatment: Oxidation of Titanium			
Prosthetic Connection: TC-R			
Diameter	Ø 5,0 mm		
Implants Compatibility	TC-R		
Description	Healing cap screws		
	Ref. No.		
	9181730	9181745	9181760
Note	They are used after the implants uncovering in order to obtain the best emerging profile.		

Transfer copy (closed tray)

Locking screw and Plastic snap cap included

Abutment Height	10,0 mm	10,0 mm
Material: Titanium		
Treatment: Oxidation of Titanium		
Prosthetic connection:	TC-N	TC-R
Diameter	Ø 4,6 mm	Ø 4,6 mm
Implants Compatibility	TC-N	TC-R
Description	Transfer copy (closed tray)	
	Ref. No.	
	9610000	9611000
Note		

Plastic snap cap for closed tray transfer

3 pieces pack

Material: POM	
Implants Compatibility	All
Description	Plastic snap cap for closed tray transfer
	Ref. No.
	9610012
Note	

Pick-up transfer (open tray)

Locking screw included

Abutment Height	13,0 mm	13,0 mm
Material: Titanium		
Treatment: Oxidation of Titanium		
Prosthetic connection:	TC-N	TC-R
Diameter	Ø 4,0 mm	Ø 5,0 mm
Implants Compatibility	TC-N	TC-R
Description	Pick-up Transfer (pick-up technique)	
	Ref. No.	
	9610200	9611200
Note		

Lab analogues

Height	12,0 mm
Diameter Maximum	Ø 4,0 mm
Material: Titanium Treatment: Oxidation of Titanium Prosthetic connection: TC-N	
Implants Compatibility	TC-N
Description	Lab analogues
	Ref. No.
	9611500
Note	The analogues are matched to the transfer to develop the plaster model.

Lab analogues

Height	12,0 mm
Diameter Maximum	Ø 4,5 mm
Material: Titanium Treatment: Oxidation of Titanium Prosthetic connection: TC-R	
Implants Compatibility	TC-R
Description	Lab analogues
	Ref. No.
	9615000
Note	The analogues are matched to the transfer to develop the plaster model.

Pre-angled anti-rotation abutments with chamfer

Locking screw included

Chamfer height	1,0 mm	2,0 mm	3,0 mm	4,0 mm	1,0 mm	2,0 mm	3,0 mm	4,0 mm
Angle	15°	15°	15°	15°	25°	25°	25°	25°
Material: Titanium Treatment: Oxidation of Titanium Prosthetic connection: TC-N								
Diameter	Ø 4,0 mm							
Implants Compatibility	TC-N							
Description	Pre-angled anti-rotation abutments with chamfer							
	Ref. No.							
	9621510	9621520	9621530	9621540	9622510	9622520	9622530	9622540
Note	Pre-angled abutments are indicated in ceses of divergent implants							

Pre-angled anti-rotation abutments with chamfer

Locking screw included

Chamfer height	1,0 mm	2,0 mm	3,0 mm	4,0 mm	1,0 mm	2,0 mm	3,0 mm	4,0 mm
Angle	15°	15°	15°	15°	25°	25°	25°	25°
Material: Titanium Treatment: Oxidation of Titanium Prosthetic connection: TC-R								
Diameter	Ø 4,5 mm							
Implants Compatibility	TC-R							
Description	Pre-angled anti-rotation abutments with chamfer							
	Ref. No.							
	9096611	9096612	9096613	9096614	9096621	9096622	9096623	9096624
Note	Pre-angled abutments are indicated in ceses of divergent implants							

Anti-rotation straight abutments with chamfer

Locking screw included

Abutment Height	6,0 mm	6,0 mm	6,0 mm	6,0 mm	6,0 mm	6,0 mm	6,0 mm	6,0 mm
Chamfer Height	1.0 mm	2.0 mm	3,0 mm	4,0 mm	1.0 mm	2.0 mm	3,0 mm	4,0 mm
Material: Titanium Treatment: Oxidation of Titanium								
Prosthetic connection:	TC-N				TC-R			
Diameter	Ø 4,0 mm				Ø 4,5 mm			
Implants Compatibility	TC-N				TC-R			
Description	Anti-rotation straight abutments with chamfer							
	Ref. No.							
	9626110	9626120	9626130	9626140	9096610	9096620	9096630	9096640
Note	Features and guidelines: The coronal portion of the abutment of 6 mm height, neck transmucosal but variable based on the need. Laterally are present due grooves What serve to avoid the prosthesis rotation after cementing..							

Pre-milled antirotation abutments

Locking screw included

Height	10,0 mm	10,0 mm
Maximum diameter	Ø 8,0 mm	Ø 8,0 mm
Material: Titanium Prosthetic connection: TC-N		
Implants Compatibility	TC-N	TC-N
Description	Pre-milled cono morse abutment	Pre-milled not cono morse abutment
	Ref. No.	
	9626000	9626001
Note	The pre-milled abutment is indicated in cases of disparallelism, which aren't fixable with standard abutments.	

Pre-milled antirotation abutments

Locking screw included

Height	10,0 mm	10,0 mm
Maximum diameter	Ø 8,0 mm	Ø 8,0 mm
Materiale: Titanio Prosthetic connection: TC-R		
Implants Compatibility	TC-R	TC-R
Description	Pre-milled cono morse abutment	Pre-milled not cono morse abutment
	Ref. No.	
	9628000	9628001
Note	The pre-milled abutment is indicated in cases of disparallelism, which aren't fixable with standard abutments.	

Temporary Abutments

Locking screw included

Abutment height	15,0 mm	15,0 mm	15,0 mm	15,0 mm
Materiale: Titanio Treatment: Oxidation of Titanium				
Prosthetic connection:	TC-N	TC-R	TC-N	TC-R
Implants Compatibility	TC-N	TC-R	TC-N	TC-R
Description	Temporary straight rotating abutments		Temporary straight anti-rotation abutments	
	Ref. No.			
	9620015	9096601	9620016	9096602
Note	The temporary abutment is indicated as intermediate abutment in absence of disparallelism or as temporary abutment.			

Ucla Abutments CrCo

Locking screw included

Altezza Collo Transmucoso	10,0 mm			
Material: body POM base CoCr				
Prosthetic connection:	TC-N	TC-R	TC-N	TC-R
Diameter	Ø 4,0 mm	Ø 4,5 mm	Ø 4,0 mm	Ø 4,5 mm
Implants Compatibility	TC-N	TC-R	TC-N	TC-R
Description	Ucla abutments CrCo rotating		Ucla abutments CrCo anti-rotation	
	Ref. No.			
	9621181	9096781	9621180	9096782

Castable abutments

Locking screw included

Altezza	10.0 mm	10.0 mm	10.0 mm	10.0 mm
Material: POM				
Prosthetic connection:	TC-N	TC-R	TC-N	TC-R
Diameter	Ø 4,0 mm	Ø 4,5 mm	Ø 4,0 mm	Ø 4,5 mm
Implants Compatibility	TC-N	TC-R	TC-N	TC-R
Description	Castable rotating screw abutment		Castable anti-rotation screw abutment	
	Ref. No.			
	9631160	9631161	9631100	9631101
Note	The castable abutments are shaped at will and used after a proper fusion with the favourite alloy. For the milling, it is recommended the straight cutting drills.			

Let's Go To Digital

Let's Go To Digital

The digitalization of the dental world is in evolution, we support all your digital needs. Our digital solutions enable you to perform the full digital workflow, from planning to final restoration, withyour choice of Multysystem 3D guided surgery system and the leading CAD/CAM.

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Training tutoring and partial coaching by our experts, both for software procedures and clinical and / or technical procedures - possibility of access in one any of the flow steps.

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Supply of software and / or hardware with a complete service of assistance at all levels.

Multysystem
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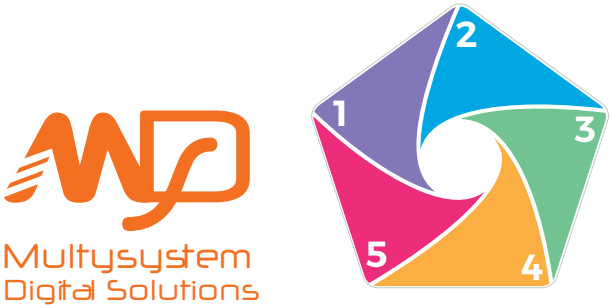

CC Digital Prosthetics

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Castable abutments for bar with titanium base for overdenture

Locking screw included

Transmucosal Neck Height	2.0 mm	3,0 mm	4.0 mm	2,0 mm	3.0 mm	4,0 mm
Material: body POM base Titanium						
Prosthetic connection:	TC-N			TC-R		
Diameter	Ø 4,0 mm			Ø 4,5 mm		
Implants Compatibility	TC-N			TC-R		
Description	Castable abutments for bar with titanium base for overdenture					
	Ref. No.					
	9641020	9641030	9641040	9096672	9096673	9096674
Note	The castable part of the abutments for bar rotates in order to facilitate the multiple parallelism. The titanium preformed base guarantees a precise connection to the implants.					

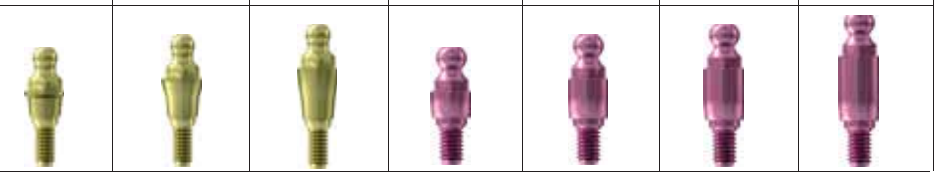
OT Equator® screw abutments

Complete set

Abutment Height	1,0 mm	2,0 mm	3,0 mm	4,0 mm	1,0 mm	2,0 mm	3,0 mm	4,0 mm
Material: titanium Set OT Equator® content: 1 OT Equator abutment 1 Contenair for Caps 4 Assorted Retention Cap 1 Protective Disk								
Description	OT Equator abutments set							
Diameter	Ø 4,5 mm							
Manufactured by Rhein'83® Srl	Ref. No.							
TC-N	9646771	9646772	9646773	9646774				
TC-R					9096771	9096772	9096773	9096774
Note	The OT Equator reduced profile joint enables to correct the disparallelism of the implants unitl 25° without affect the retention cap functioning.							

Ball abutments screw for overdenture

Container and retention cap included

Height	1,0 mm	2,0 mm	3,0 mm	1,0 mm	2,0 mm	3,0 mm	4,0 mm
Ball	Micro 1,8 mm	Micro 1,8 mm	Micro 1,8 mm	2,2 mm	2,2 mm	2,2 mm	2,2 mm
Material: titanium							
Description	Ball abutments screw for overdenture						
Prosthetic connection:	Ref. No.						
TC-N	9640001	9640002	9640003	-	-	-	-
TC-R	-	-	-	9096641	9096642	9096643	9096644
Note	The ball abutments are indicated in cases of total edentulous patients and represent an effective solution for the mobile prosthesis stabilisation.						

OT Equator® spare parts

Pack	2 Pieces
Material: Steel	
Description	Container for OT Equator® caps
Manufactured by Rhein'83® Srl	Ref. No.
	7640190

OT Equator® spare parts

Pack	4 Pieces
Material: Nylon	
Kept in grams: 1,800 gr. Recommended time in mouth: 12 months	
Description	Colour: White retention cap standard OT Equator®
Manufactured by Rhein'83® Srl	Ref. No.
	7640191

Retentive caps

Diameter	Micro Ø 1,8				Normo Ø 2,2			
Pack	6 Pieces	6 Pieces	6 Pieces	6 Pieces	6 Pieces	6 Pieces	2 Pieces	
Material:	Nylon	Nylon	Nylon	Nylon	Nylon	Nylon	Steel	
Kept in grams	800 gr.	1.100 gr	200 gr.	-	800 gr.	-	-	
Recommended time in mouth	12 months	12 months	-	-	12 months	-	-	
								
Description	Colour: Pink Soft Retention	Colour: White Standard Retention	Colour: Green Elastic Retention	Colour: Water Hard Retention Reduced internal diameter Ø 1,6 mm	Colour: Pink RSoft Retention	Colour: Water Hard Retention	Container Micro Caps Ø 1,8 mm	Container Normo Caps Ø 2,2 mm
Manuf. by Rhein'83® Srl	Ref. No.							
	7640096	7640091	7640100	7640098	7642196	7642198	7640090	7642090

Reconstructive hollow sphere set

Pack	1 Set
Reconstructive hollow ball set Ø 1,8 mm Complete with: • 2 titanium hollow spheres • 2 pink caps (soft retention) • 1 transparent inserter • 1 calibrator and strip holder	
Description	Reconstructive hollow sphere set
Manuf. by Rhein'83® Srl	Ref. No.
	7641087

Micro castable balls

Pack	4 Pieces
Material: Castable	
Description	Micro castable balls
Manuf. by Rhein'83® Srl	Ref. No.
	7640093

Disposable directional rings

Pack	3 Pieces
Material: Plastic	0° - 7° - 14°
	
Description	Disposable directional rings Inclination 0°-7°-14°
Manuf. by Rhein'83® Srl	Ref. No.
	7642099

Protection Ring

Pack	10 Pieces
Material: Plastic	
Description	Protection ring
Manuf. by Rhein'83® Srl	Ref. No.
	7640099

Cap insertion tool

	
Description	Cap insertion tool
Manuf. by Rhein'83® Srl	Ref. No.
	7640092

Micro parallelometer

	
Description	Micro parallelometer
Manuf. by Rhein'83® Srl	Ref. No.
	7640094

Abutments extractor

Material: Steel		
Description	Abutments extractor	
	Ref. No.	
	9609000	9090900

Spare cylinder

2 pieces pack

Material: POM			
Description	Spare castable cylinder for aesthetic abutment/bar	Temporary peek cylinder for aesthetic abutment/bar	Temporary CoCr cylinder for aesthetic abutment/bar
	Ref. No.		
	9641099	9641098	9641097

Spare screw

Abutment screw • Aesthetic abutment/bar screw

3 pieces pack

Material: Titanium					
Description	Abutment screw		Aesthetic abutment/bar screw c.2	Aesthetic abutment/bar screw c.3	Aesthetic abutment/bar screw c.4
Prosthetic connection:	Ref. No.				
TC-N	9609901	-	9609962	9609963	9609964
TC-R	-	9609902	9609992	9609993	9609994

Spare screw

MU bases screw TC

Material: Titanium	
Description	MU bases screw TC
	Ref. No.
	9671099
Qty.	3 pieces pack

Spare screw

MU prosthetic screw TC

Material: Titanium	
Description	MU prosthetic screw TC
	Ref. No.
	9671098
Qty.	3 pieces pack

Spare screw

MU Pick-Up transfer screw h.3 mm TC

Material: Titanium	
Description	Screw for Transfer Pick-Up h.3 mm MU TC
	Ref. No.
	9671013
Qty.	3 pieces pack

Spare screw

Transfer Closed Tray screw

Material: Titanium	
Description	Screw for Transfer Closed Tray
Prosthetic connection:	Ref. No.
TC-N	9610010
TC-R	9610011
Qty.	3 pieces pack

Spare screw

Pick-Up transfer screw

3 pieces pack

Material: Titanium		
Description	Pick-Up transfer screw h.3 mm	Pick-Up transfer screw h.6 mm
Prosthetic connection:	Ref. No.	
TC-N	9610230	9610260
TC-R	9610231	9610261

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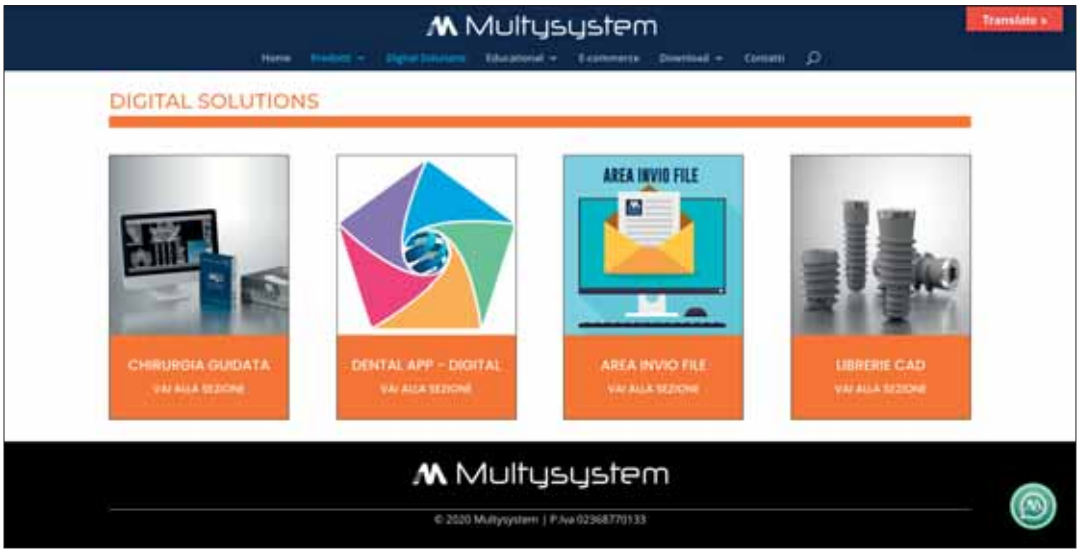
www.multysystem.com



CC Implants features

FEATURES OF MULTYSYSTEM® CC BIPHASIC IMPLANTS CLASSIC CONNECTION

Multysystem® CC implants with internal hex are divided into different lines:

ST (Standard)
PS-ST (Platform Switching Standard EXTRA SHORT)
P-ST (Platform Switching Standard)
NST (New Standard)
PS-NST (Platform Switching New Standard EXTRA SHORT)
P-NST (Platform Switching New Standard) TM (Large Head)
TM (Oversized head)

CC implant connection:

- Unified internal hexagon

CC implants design:

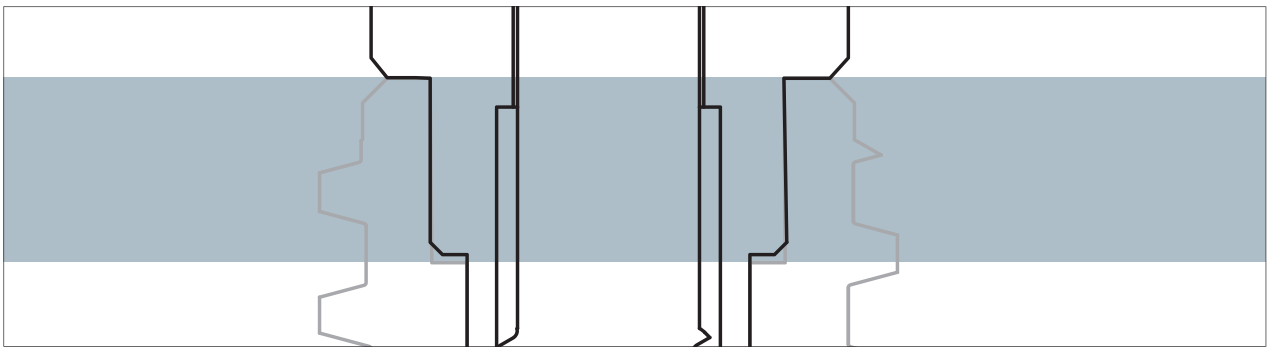
- Tapered biphasic systems
- Self-tapping with apical longitudinal antirotation drilling
- Terminal part of the neck is polished for 0.8 mm in order to facilitate biocompatibility of the soft tissues and micro-throats to give greater stability on the primary cortex
  or
- entirely treated neck and suitable for the platform-switching technique

CC implant thread-pitch:

- 1.0 mm - to ensure the primary stability in presence of D1 and D2 bone density or
- 2.0 mm - to compact alveoli with types of softer bone, D3 and D4 density or post-extractive sites

CC implants measures:

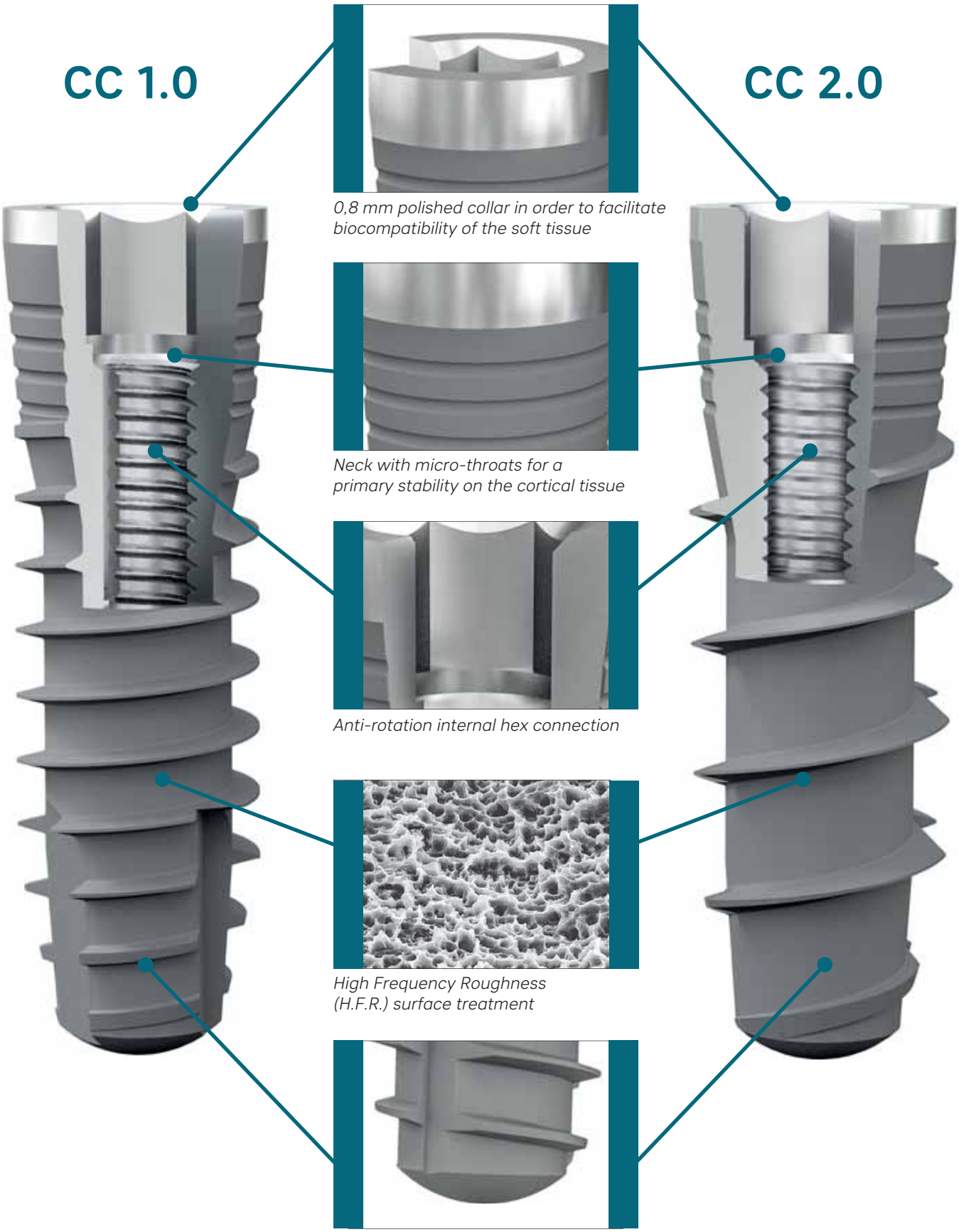
- Diameter from 3.2 to 5.7 mm
- Length from 5 (Extra Short) to 15 mm



Internal hexagon connection

CC IMPLANTS FEATURES SUMMARY TABLE

Implant Line	Neck	Micro-throats	Thread-pitch	Internal hex	Internal screw	External hex	Prosthetic Colour code	Application Indications
ST	Polished 0,8 mm	YES	1 mm	2,28 mm	1,8 mm	3,6 mm	ST 	All areas
PS-ST	Treated	NO	1 mm	2,28 mm	1,8 mm	3,6 mm	ST 	All areas and in case of reduced vertical zone availability
P-ST	Treated	NO	1 mm	2,28 mm	1,8 mm	3,6 mm	ST 	All areas
NST	Polished 0,8 mm	YES	1 mm & 2 mm	2,28 mm	1,8 mm	4,0 mm	NST 	All areas & synus elevation
PS-NST	Treated	NO	1 mm	2,28 mm	1,8 mm	4,0 mm	NST 	All areas and in case of reduced vertical zone availability
P-NST	Treated	NO	1 mm	2,28 mm	1,8 mm	4,0 mm	NST 	All areas and in case of reduced vertical zone availability
TM	Polished 0,8 mm	YES	1 mm & 2 mm	2,28 mm	1,8 mm	4,5 mm	TM 	Lateral rear & post-extraction



0,8 mm polished collar in order to facilitate biocompatibility of the soft tissue

Neck with micro-throats for a primary stability on the cortical tissue

Anti-rotation internal hex connection

High Frequency Roughness (H.F.R.) surface treatment

Apical taper with self-tapping and anti-rotation system

CC Biphasic Implants
ST • NST • TM with internal hex connection and activated surface H.F.R. (High Frequency Roughness) with anticipated load

1.0 ST

Diameters:
3,2 – 3,7 – 4,2 mm

Lengths:
8 – 10 – 11,5 – 13 – 15 mm

Prosthetic connection colour code

1.0 NST

Diameters:
3,7 – 4,2 mm

Lengths:
9 – 11 – 13 – 15 mm

Prosthetic connection colour code

2.0 NST

Diameters:
4,0 – 5,0 mm

Lengths:
9 – 11 – 13 – 15 mm

Prosthetic connection colour code

1.0 TM

Diameters:
4,7 mm

Lengths:
9 – 11 – 13 – 15 mm

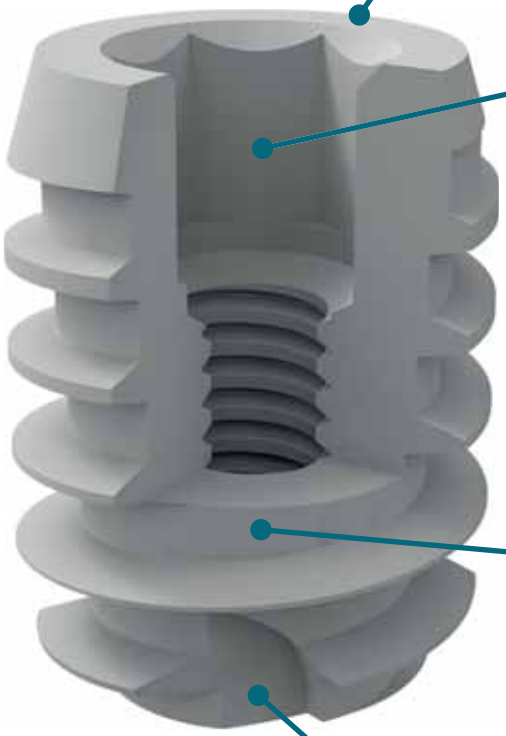
Prosthetic connection colour code

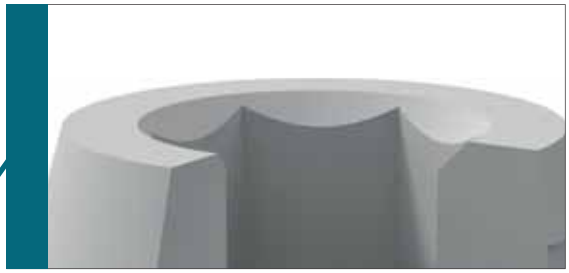
2.0 TM

Diameters:
4,5 – 5,5 mm

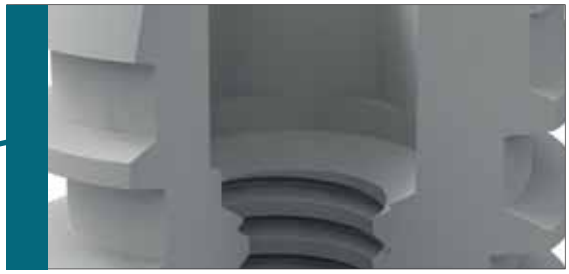
Lengths:
9 – 11 – 13 – 15 mm

Prosthetic connection colour code

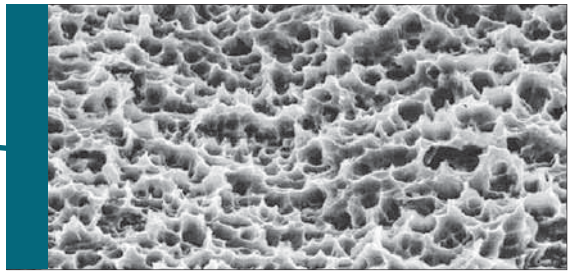




Completely treated collar set up for the Platform-Switching solution



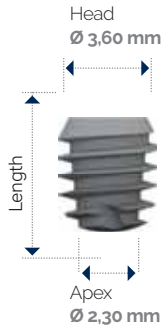
Anti-rotation internal hex connection



High Frequency Roughness (H.F.R.) osteoconductive surface

Apical taper with self-tapping and anti-rotation system

CC Biphasic Implants
PS-ST • P-ST • PS-NST • P-NST with internal hex connection with activated surface H.F.R (High Frequency Roughness) anticipated load

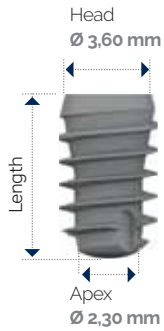


1.0 PS-ST

Diameters:
4,2 mm

Lengths:
5 – 6 mm

Prosthetic connection colour code



1.0 P-ST

Diameters:
4,2 mm

Lengths:
7 – 9 – 11 – 13 mm

Prosthetic connection colour code

1.0 PS-NST

Diameters:
4,7 - 5,2 - 5,7 mm

Lengths:
5 – 6 mm

Prosthetic connection colour code

1.0 P-NST

Diameters:
4,7 – 5,2 mm

Lengths:
7 – 9 – 11 – 13 mm

Prosthetic connection colour code

Drill sequence for **cc** Implants

CC Biphasic Implants protocol standard

Centring drill	Pilot drill	Millimetre marked first drill	Millimetre marked trimmin drill
Ø 1,8 mm	Ø 2,3 mm	Ø 2,55 mm	Ø 2,85 mm
			

CC Biphasic Implants **ST 1.0** • Ø 3,2 mm Ø 3,7 mm Ø 4,2 mm
CC Biphasic Implants **P-ST 1.0** • **PS-ST 1.0** • Ø 4,2 mm

Centring drill	Pilot drill	Millimetre marked first drill	Millimetre marked trimmin drill	Countersink
Ø 1,8 mm	Ø 2,3 mm	Ø 2,55 mm	Ø 2,85 mm	Ø 3,6 mm
				

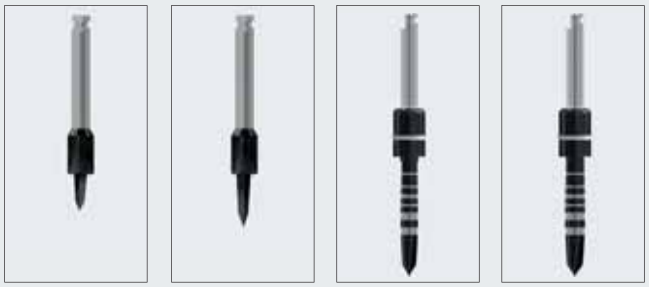
CC Biphasic Implants **NST 1.0** • Ø 3,7 mm Ø 4,2 mm
CC Biphasic Implants **NST 2.0** • Ø 4,0 mm Ø 5,0 mm

Centring drill	Pilot drill	Millimetre marked first drill	Millimetre marked trimmin drill	Countersink
Ø 1,8 mm	Ø 2,3 mm	Ø 2,55 mm	Ø 2,85 mm	Ø 4,0/4,5 mm
				 quote Ø 4,0 mm

Drill sequence for **cc** Implants

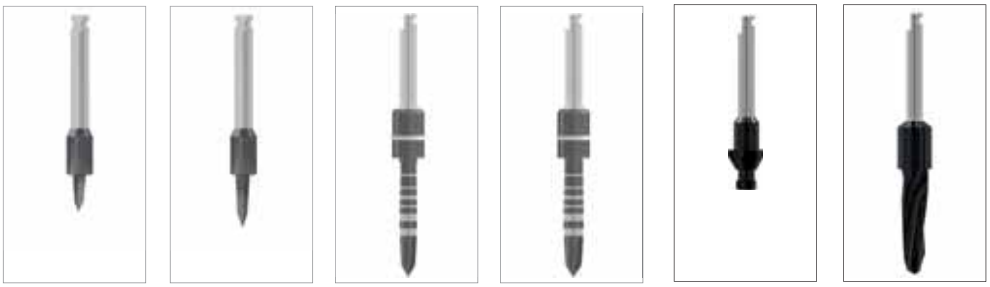
CC Biphasic Implants protocol standard

Centring drill	Pilot drill	Millimetre marked first drill	Millimetre marked trimmin drill
Ø 1,8 mm	Ø 2,3 mm	Ø 2,55 mm	Ø 2,85 mm



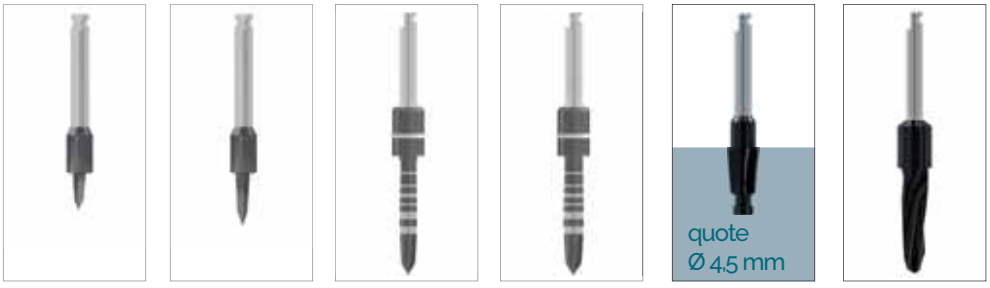
CC Biphasic Implants **P-NST 1.0** • Ø 4,7 mm Ø 5,2 mm
CC Biphasic Implants **PS-NST 1.0** • Ø 4,7 mm Ø 5,2 mm Ø 5,7 mm

Centring drill	Pilot drill	Millimetre marked first drill	Millimetre marked trimmin drill	Countersink	Calibrated Drill
Ø 1,8 mm	Ø 2,3 mm	Ø 2,55 mm	Ø 2,85 mm	Ø 5,0 mm	Ø 2,85/4,0 mm



CC Biphasic Implants **TM 1.0** • Ø 4,7 mm
CC Biphasic Implants **TM 2.0** • Ø 4,5 mm Ø 5,5 mm

Centring drill	Pilot drill	Millimetre marked first drill	Millimetre marked trimmin drill	Countersink	Calibrated Drill
Ø 1,8 mm	Ø 2,3 mm	Ø 2,55 mm	Ø 2,85 mm	Ø 4,0/4,5 mm	Ø 2,85/4,0 mm



CC Implants

CC Biphasic Implants **ST 1.0**

- Slightly conical profile and common tapered head of 3,6 mm diameter
- 1,0 mm of thread for primary stability
- 0,8 mm polish collar to facilitate soft tissue compatibility
- Three longitudinal drillings in the apical side for self-tapping and anti-rotation function
- Indicated in the presence of the D1 and D2 bone
- Mainly indicated for the upper and lower central and lateral areas

CC Implant	ST 1.0		
Diameter	Ø 3,2 mm	Ø 3,7 mm	Ø 4,2 mm
Collar Polished height 0,8mm			
Thread-pitch	1,0 mm		
Head	Ø 3,6 mm		
Prosthetic connection	ST		
Geometry Connection	Internal hex Ø 2,28 mm		
Lengths	Ref. No.		
8,0 mm	7013208	7013708	7014208
10,0 mm	7013210	7013710	7014210
11,5 mm	7013211	7013711	7014211
13,0 mm	7013213	7013713	7014213
15,0 mm	7013215	7013715	7014215

Drill sequence for CC Biphasic Implants **ST 1.0** • Ø 3,2 mm Ø 3,7 mm Ø 4,2 mm

Centring drill
Ø 1,8 mm

Pilot drill
Ø 2,3 mm

Millimetre marked first drill
Ø 2,55 mm

Millimetre marked trimmin drill
Ø 2,85 mm

Countersink
Ø 3,6 mm

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Drills sequence for CC implants ST 1.0

CC Biphasic Implants **NST 1.0**

- Slightly conical profile and common tapered head of 4,0 mm diameter
- 1,0 mm of thread for primary stability
- Flaring neck to ease the prosthetic product emergency improving the aesthetic function
- Presence of micro-throats on the terminal part of the neck
- 0,8 mm polish collar to facilitate soft tissue compatibility and to give greater primary stability on the cortical
- Three longitudinal drillings in the apical side for self-tapping and anti-rotation function
- Indicated in the presence of the D1 and D2 bone
- Mainly indicated in cases of maxillary sinus elevation

CC Biphasic Implants **NST 2.0**

- Slightly conical profile and common tapered head of 4,0 mm diameter
- Two longitudinal drillings in apical-coronal sense to give a better vascular trofismo
- 2,0 mm of thread and the threading greater size favour the primary stability in extension
- Flaring neck to ease the prosthetic product emergency improving the aesthetic function
- Presence of micro-throats on the terminal part of the neck
- 0,8 mm polish collar to facilitate soft tissue compatibility and to give greater primary stability on the cortical
- Indicated in the presence of the D3 and D4 bone
- Mainly indicated in post-extractive sites and in cases of maxillary sinus elevation

CC Implant	NST 1.0		NST 2.0	
Diameter	Ø 3,7 mm	Ø 4,2 mm	Ø 4,0 mm	Ø 5,0 mm
Collar Polished height 0,8mm				
Thread-pitch	1,0 mm		2,0 mm	
Head	Ø 4,0 mm			
Prosthetic connection	NST			
Geometry Connection	Internal hex Ø 2,28 mm			
Lengths	Ref. No.			
9,0 mm	7093709	7094209	7094009	7095009
11,0 mm	7093711	7094211	7094011	7095011
13,0 mm	7093713	7094213	7094013	7095013
15,0 mm	7093715	7094215	7094015	7095015

Drill sequence for CC Biphasic Implants **NST 1.0** • Ø 3,7 mm Ø 4,2 mm
Drill sequence for CC Biphasic Implants **NST 2.0** • Ø 4,0 mm Ø 5,5 mm

Centring drill
Ø 1,8 mm

Pilot drill
Ø 2,3 mm

Millimetre marked first drill
Ø 2,55 mm

Millimetre marked trimmin drill
Ø 2,85 mm

Countersink
Ø 4,0/4,5 mm

Drills sequence for CC implants NST 1.0

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Drills sequence for CC implants NST 2.0

CC Biphasic Implants **TM 1.0**

- Slightly conical profile and common tapered head of 4,5 mm diameter
- Three longitudinal drillings in the apical side for self-tapping and anti-rotation function
- 1,0 mm of thread for primary stability
- Flaring neck to ease the prosthetic product emergency improving the aesthetic function
- Presence of micro-throats on the terminal part of the neck
- 0,8 mm polish collar to facilitate soft tissue compatibility and to give greater primary stability on the cortical
- Indicated in the presence of the D1 and D2 bone
- Indicated for the lateral and posterior sectors

CC Biphasic Implants **TM 2.0**

- Slightly conical profile and common tapered head of 4,5 mm diameter
- Two longitudinal drillings in apical-coronal sense to give a better vascular trofismo
- 2,0 mm of thread and the threading greater size favour the primary stability in extension
- Flaring neck to ease the prosthetic product emergency improving the aesthetic function
- Presence of micro-throats on the terminal part of the neck
- 0,8 mm polish collar to facilitate soft tissue compatibility and to give greater primary stability on the cortical
- Indicated in the presence of the DÅ3 and D4 bone
- Mainly indicated in post-extractive sites helping the immediate surgery procedure technique

CC Implant	TM 1.0	TM 2.0	
Diameter	Ø 4,7 mm	Ø 4,5 mm	Ø 5,5 mm
Collar Polished height 0,8mm			
Thread-pitch	1,0 mm	2,0 mm	
Head	Ø 4,5 mm		
Prosthetic connection	TM		
Geometry Connection	Internal hex Ø 2,28 mm		
Lengths	Ref. No.		
9,0 mm	7074709	7054509	7055509
11,0 mm	7074711	7054511	7055511
13,0 mm	7074713	7054513	7055513
15,0 mm	7074715	7054515	7055515

Drill sequence for CC Biphasic Implants **TM 1.0** • Ø 4,7 mm
Drill sequence for CC Biphasic Implants **TM 2.0** • Ø 4,5 mm Ø 5,5 mm

Centring drill
Ø 1,8 mm


Pilot drill
Ø 2,3 mm


Millimetre marked first drill
Ø 2,55 mm


Millimetre marked trimmin drill
Ø 2,85 mm


Countersink
Ø 4,0/4,5 mm

quote Ø 4,5 mm

Calibrated Drill
Ø 2,85/4,0 mm


Drills sequence for CC implants TM 1.0

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Drills sequence for CC implants TM 2.0

CC Biphasic **P-ST 1.0 · PS-ST 1.0**

- Platform-switching solution
- Slightly conical profile and common tapered head of 3,6 mm diameter
- Three longitudinal drillings in the apical side for self-tapping and anti-rotation function
- Indicated in all maxillary sectors avoiding the surgery techniques for the vertical increase of bone volumes.
- Indicated in the presence of the D1 and D2 bone
- Mainly indicated in cases of maxillary sinus elevation

In case the chosen implant belongs to Short size of PS-ST line, we recommend you that it will be used as a monoimplant.

CC Implant	P-ST 1.0	PS-ST 1.0
Diameter	Ø 4,2 mm	Ø 4,2 mm
Collar Treated		
Thread-pitch	1,0 mm	
Head	Ø 3,6 mm	
Prosthetic connection	ST	
Geometry Connection	Internal hex Ø 2,28 mm	
Lengths	Ref. No.	
5,0 mm		8024205
6,0 mm		8024206
7,0 mm	7024207	
9,0 mm	7024209	
11,0 mm	7024211	
13,0 mm	7024213	

Drill sequence for CC Biphasic Implants **P-ST 1.0 · PS-ST 1.0 ·** Ø 4,2 mm

Centring drill
Ø 1,8 mm

Pilot drill
Ø 2,3 mm

Millimetre marked first drill
Ø 2,55 mm

Millimetre marked trimmin drill
Ø 2,85 mm

Countersink
Ø 3,6 mm

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Drills sequence for
CC implants P-ST 1.0

CC Biphasic Implants **P-NST 1.0 · PS-NST 1.0**

- Platform-switching solution
- Slightly conical profile and common tapered head of 4,0 mm diameter
- Three longitudinal drillings in the apical side for self-tapping and anti-rotation function
- Indicated in presence of a reduced vertical bone availability
- Indicated for the lateral and posterior sectors, avoiding the surgery techniques for the vertical increase of bone volumes.
- Indicated in the presence of the D1 and D2 bone
- Mainly indicated in cases of maxillary sinus elevation

CC Implant	P-NST 1.0		PS-NST 1.0		
Diameter	Ø 4,7 mm	Ø 5,2 mm	Ø 4,7 mm	Ø 5,2 mm	Ø 5,7 mm
Collar Treated					
Thread-pitch	1,0 mm				
Head	Ø 4,0 mm				
Prosthetic connection	NST				
Geometry Connection	Internal hex Ø 2,28 mm				
Lengths	Ref. No.				
5,0 mm			8094705	8095205	8095705
6,0 mm			8094706	8095206	8095706
7,0 mm	7094707	7095207			
9,0 mm	7094709	7095209			
11,0 mm	7094711	7095211			
13,0 mm	7094713	7095213			

Drill sequence for CC Biphasic Implants **P-NST 1.0** · Ø 4,7 mm Ø 5,2 mm
Drill sequence for CC Biphasic Implants **PS-NST 1.0** · Ø 4,7 mm Ø 5,2 mm Ø 5,7 mm

Centring drill
Ø 1,8 mm

Pilot drill
Ø 2,3 mm

Millimetre marked first drill
Ø 2,55 mm

Millimetre marked trimmin drill
Ø 2,85 mm

Countersink
Ø 5,0 mm

Calibrated Drill
Ø 2,85/4,0 mm

Info video Multysystem
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Drills sequence for
CC implants P-NST 1.0

visit our website:
www.multysystem.com

CC Prosthetic solutions

Prosthetic abutments for **CC** Multysystem® Biphasic implants

The range of Multysystem® prosthetic abutments envisages a colour coding system in order to allow quick identification. The prosthetic components are divided into three specific lines:

ST

ST Standard
with Ø 3,6 mm base

P-ST Platform-Switching
Standard
with Ø 3,6 mm base

PS-ST Platform-Switching Short
Standard
with Ø 3,6 mm base

NST

NST New Standard
with Ø 4,0 mm base

P-NST Platform-Switching
New Standard
with Ø 4,0 mm base

PS-NST Platform-Switching Short
New Standard
with Ø 4,0 mm base

TM

TM Large Head
with Ø 4,5 mm base

Straight abutment h. 6 mm

Connections available

ST NST TM

Preangled abutment

Connections available

ST NST TM

Temporary Abutment

Connections available

ST NST TM

Straight abutment h. 15 mm

Connections available

ST NST TM

Premilled universal abutment

Connections available

ST NST TM

Ucla castable abutment CrCo base

Connections available

ST NST TM

Castable abutment

Connections available

ST NST TM

Castable abutment with chamfer

Connections available

ST NST TM

Castable abutment h. 15 mm

Connections available

ST NST TM

Bar abutment

Connections available

ST NST TM

Ball attachment

Connections available

ST NST TM

Equator attachment

Connections available

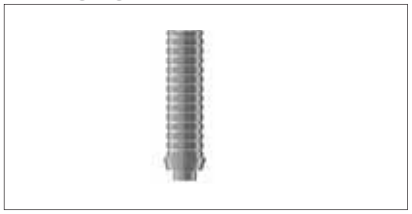
ST NST TM

Abutment T-Base

Connections available

ST NST TM

Rotating digital T-Base



Connections available

ST NST TM

Pre-Milled for Milling Machine

Connections available

ST NST TM

Multi-Unit prosthetic line

Straight MU base

Connections available

ST NST TM

Base MU pre-angled 17°-35°

Connections available

ST NST TM

Temporary abutment MU

Connections available

ST NST TM

Castable Abutment MU

Connections available

ST NST TM

The Multysystem® Multi-Unit prosthetic line enables rehabilitation solutions of partial or total upper or lower jaw edentulous patients, even in the presence of strong disparallelism. Clinical cases involving the insertion of distally inclined implants in order to limit reconstructive bone treatments are on the increase.

Multi-Unit bases

Locking screw for bases included

Angle	Straight	Straight	17°	17°	35°	35°
Chamfer height	1,5 mm	3,0 mm	2,0 mm	3,0 mm	3,0 mm	4,0 mm
Material: Titanium						
Diameter	Ø 5,0 mm					
Compatibility Implants	All					
Description	Multi-Unit straight base		Multi-Unit 17° angled base		Multi-Unit 35° angled base	
	Ref. No.					
	7670015	7670030	7671720	7671730	7673530	7673540
Note			MU bases with 17° and 35° inclination ease the parallelism of more implants, which are in disparallelism			

MU healing cap in Peek

Material: Peek	
Description	MU healing cap in Peek
	Ref. No.
	7671700
Note	Protect the MU bases before the prosthesis

MU Pick-up transfer Rotating h.8 mm

Material: Steel	
Complete with: Locking screw, choice between h. 3 or 6 mm	
Description	They have to be placed on the MU bases for the impression copy
	Ref. No.
	7671000
Note	They have to be placed on the MU bases for the imprinting

MU Abutments

Material:	Titanio	Peek
Complete with: Prosthetic locking passing screw		
Description	MU Temporary titanium abutment	MU Castable abutment
	Ref. No.	
	7671090	7671030
Note	The MU temporary abutments are rotate in order to protect the implant from disparallelism.	The MU castable abutments rotate and may be modified at will by prior waxing and moulding in gold or other alloys..

MU Analogue

Material: Steel	
Description	MU Analogue
	Ref. No.
	7671500
Note	The MU analogues are matched to the MU transfer to develop the plaster model

Multi-Unit surgical and prosthetic instruments

Quantity:	1	1	2
Material: Steel			
Description	MU straight base countersink	MU angled base countersink	Drill screwdriver for MU base
	Ref. No.		
	7677403	7677404	7677405
Note	Suitable for preparing the bone crest in order to facilitate positioning the MU bases		Suitable for screwing the Multi-Unit straight bases on the implants

Base mounter MU

Material: Steel	
Description	Base mounter MU
	Ref. No.
	7671033
Note	Assists in placing the MU bases in the oral cavity during the implant connection phase.

Surgical direction guide titanium

Material: Titanium	
Description	Surgical direction guide
	Ref. No.
	7661034
Note	Suitable for adjusting phases with max inclination 35°. For fixing the guide to the maxillary make an osteotomy of approximately 10 mm in the midline using the appropriate calibrated drill Ø 2 mm..

Multi-Unit Spare screws

3 pieces pack

Height:			3,0 mm	6,0 mm
Material: Titanium				
Description	Passing Screw for MU Bases	MU Prosthetic Passing Screw	Passing Screw for MU Transfer	
	Ref. No.			
	7671099	7671098	7671013	7671016

Healing cap screws

2 pieces pack

Height (countersink included)	1,5 mm	3,0 mm	4,5 mm
Material: Titanium Treatment: Oxidation of Titanium Prosthetic Connection: ST			
Diameter	Ø 5,0 mm		
Implants Compatibility	ST 1.0 • P-ST • PS-ST		
Description	Healing cap screws		
	Ref. No.		
	8170015	8170030	8170045
Note	They are used after the implants uncovering in order to obtain the best emerging profile.		

Healing cap screws

2 pieces pack

Height (countersink included)	1,5 mm	3,0 mm	4,5 mm	1,5 mm	3,0 mm	4,5 mm
Material: Titanium Treatment: Oxidation of Titanium Prosthetic Connection: NST						
Diameter	Ø 5,0 mm			Ø 6,5 mm		
Implants Compatibility	NST 1.0 • NST 2.0 • PS-NST • P-NST					
Description	Healing cap screws					
	Ref. No.					
	8091715	8091730	8091745	8191715	8191730	8191745
Note	They are used after the implants uncovering in order to obtain the best emerging profile.					

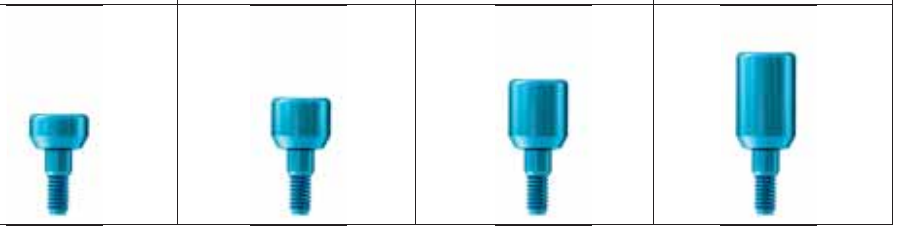
Healing cap screws

2 pieces pack

Height (countersink included)	1,5 mm	3,0 mm	4,5 mm
Material: Titanium Treatment: Oxidation of Titanium Prosthetic Connection: TM			
Diameter	Ø 6,5 mm		
Implants Compatibility	TM 1.0 • TM 2.0		
Description	Healing cap screws		
	Ref. No.		
	8071715	8071730	8071745
Note	They are used after the implants uncovering in order to obtain the best emerging profile.		

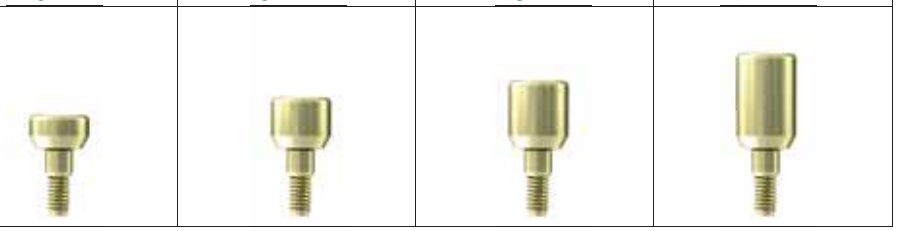
Healing cap screws

2 pieces pack

Height (countersink included)	1,5 mm	3,0 mm	4,5 mm	7,0 mm
Material: Titanium Treatment: Oxidation of Titanium Prosthetic Connection: ST				
Diameter	Ø 4,5 mm			
Implants Compatibility	ST 1.0 • P-ST • PS-ST			
Description	Cylindrical healing cap screws			
	Ref. No.			
	7170015	7170030	7170045	7170070
Note	They are used after the implants uncovering in order to obtain the best emerging profile.			

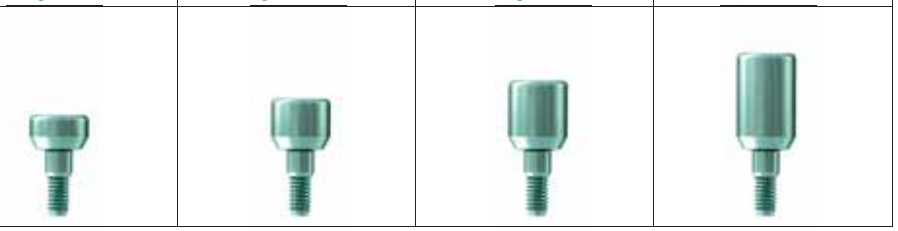
Healing cap screws

2 pieces pack

Height (countersink included)	1,5 mm	3,0 mm	4,5 mm	7,0 mm
Material: Titanium Treatment: Oxidation of Titanium Prosthetic Connection: NST				
Diameter	Ø 4,5 mm			
Implants Compatibility	NST 1.0 • NST 2.0 • PS-NST • P-NST			
Description	Cylindrical healing cap screws			
	Ref. No.			
	7091715	7091730	7091745	7091770
Note	They are used after the implants uncovering in order to obtain the best emerging profile.			

Healing cap screws

2 pieces pack

Height (countersink included)	1,5 mm	3,0 mm	4,5 mm	7,0 mm
Material: Titanium Treatment: Oxidation of Titanium Prosthetic Connection: TM				
Diameter	Ø 4,5 mm			
Implants Compatibility	TM 1.0 • TM 2.0			
Description	Cylindrical healing cap screws			
	Ref. No.			
	7071715	7071730	7071745	7071770
Note	They are used after the implants uncovering in order to obtain the best emerging profile.			

Transfer copy (closed tray)

Locking screw and Plastic snap cap included

Abutment Height	10,0 mm	10,0 mm	10,0 mm
Material: Titanium Treatment: Oxidation of Titanium			
Prosthetic connection:	ST	NST	TM
Maximum Diameter	Ø 4,5 mm	Ø 5,0 mm	Ø 5,5 mm
Base Diameter	Ø 3,6 mm	Ø 4,0 mm	Ø 4,5 mm
Implants Compatibility	ST 1.0 • P-ST • PS-ST	NST 1.0 • NST 2.0 • PS-NST • P-NST	TM 1.0 • TM 2.0
Description	Transfer copy (closed tray)		
	Ref. No.		
	7610000	7096100	7076100
Note			

Plastic snap cap for closed tray transfer

3 pieces pack

Material: POM	
Implants Compatibility	All
Description	Plastic snap cap for closed tray transfer
	Ref. No.
	9610012
Note	

Pick-up transfer (open tray)

Locking screw included

Abutment Height	13,0 mm	13,0 mm	13,0 mm
Material: Titanium Treatment: Oxidation of Titanium			
Prosthetic connection:	ST	NST	TM
Maximum Diameter	Ø 4,5 mm	Ø 5,0 mm	Ø 5,5 mm
Base Diameter	Ø 3,6 mm	Ø 4,0 mm	Ø 4,5 mm
Implants Compatibility	ST 1.0 • P-ST • PS-ST	NST 1.0 • NST 2.0 • PS-NST • P-NST	TM 1.0 • TM 2.0
Description	Pick-up Transfer (pick-up technique)		
	Ref. No.		
	7610200	7096120	7076120
Note			

Lab analogues

Height	12,0 mm
Diameter Maximum	Ø 4,0 mm
Material: Titanium Treatment: Oxidation of Titanium Prosthetic connection: ST	
Implants Compatibility	ST 1.0 • P-ST • PS-ST
Description	Lab analogues
	Ref. No.
	7615000
Note	The analogues are matched to the transfer to develop the plaster model.

Lab analogues

Height	12,0 mm
Diameter Maximum	Ø 4,0 mm
Material: Titanium Treatment: Oxidation of Titanium Prosthetic connection: NST	
Implants Compatibility	NST 1.0 • NST 2.0 • PS-NST • P-NST
Description	Lab analogues
	Ref. No.
	7096150
Note	The analogues are matched to the transfer to develop the plaster model.

Lab analogues

Height	12,0 mm
Diameter Maximum	Ø 5,5 mm
Material: Titanium Treatment: Oxidation of Titanium Prosthetic connection: TM	
Implants Compatibility	TM 1.0 • TM 2.0
Description	Lab analogues
	Ref. No.
	7076150
Note	The analogues are matched to the transfer to develop the plaster model.

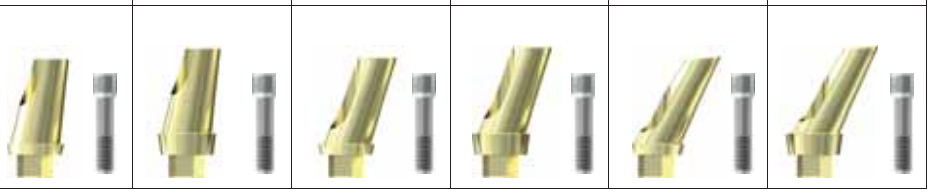
Pre-angled anti-rotation abutments with chamfer

Locking screw included

Chamfer height	1,5 mm	3,0 mm	1,5 mm	3,0 mm	1,5 mm	3,0 mm
Angle	10°	10°	20°	20°	30°	30°
Material: Titanium Treatment: Oxidation of Titanium Prosthetic connection: ST						
Diameter	Ø 4,5 mm					
Implants Compatibility	ST 1.0 • P-ST • PS-ST					
Description	Pre-angled anti-rotation abutments with chamfer					
	Ref. No.					
	7621115	7621130	7622115	7622130	7623115	7623130
Note	I monconi preangolati sono indicati nei casi di impianti divergenti.					

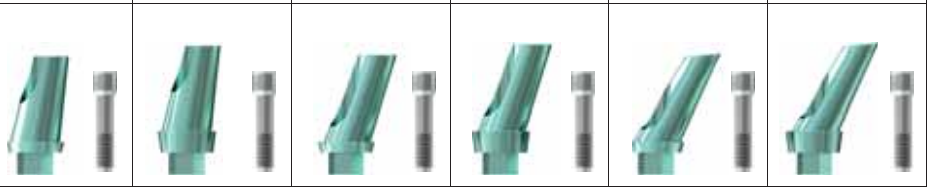
Pre-angled anti-rotation abutments with chamfer

Locking screw included

Chamfer height	1,5 mm	3,0 mm	1,5 mm	3,0 mm	1,5 mm	3,0 mm
Angle	10°	10°	20°	20°	30°	30°
Material: Titanium Treatment: Oxidation of Titanium Prosthetic connection: NST						
Diameter	Ø 4,75 mm					
Implants Compatibility	NST 1.0 • NST 2.0 • PS-NST • P-NST					
Description	Pre-angled anti-rotation abutments with chamfer					
	Ref. No.					
	7096611	7096613	7096621	7096623	7096631	7096633
Note	I monconi preangolati sono indicati nei casi di impianti divergenti.					

Pre-angled anti-rotation abutments with chamfer

Locking screw included

Chamfer height	1,5 mm	3,0 mm	1,5 mm	3,0 mm	1,5 mm	3,0 mm
Angle	10°	10°	20°	20°	30°	30°
Material: Titanium Treatment: Oxidation of Titanium Prosthetic connection: TM						
Diameter	Ø 5,1 mm					
Implants Compatibility	TM 1.0 • TM 2.0					
Description	Pre-angled anti-rotation abutments with chamfer					
	Ref. No.					
	7076611	7076613	7076621	7076623	7076631	7076633
Note	I monconi preangolati sono indicati nei casi di impianti divergenti.					

Anti-rotation straight abutments with chamfer

Locking screw included

Abutment Height	6,0 mm	6,0 mm	6,0 mm	6,0 mm	6,0 mm	6,0 mm
Chamfer Height	1,5 mm	3,0 mm	1,5 mm	3,0 mm	1,5 mm	3,0 mm
Material: Titanium Treatment: Oxidation of Titanium						
Prosthetic connection:	ST		NST		TM	
Diameter	Ø 4,5 mm		Ø 4,75 mm		Ø 5,1 mm	
Implants Compatibility	ST 1.0 • P-ST • PS-ST		NST 1.0 • NST 2.0 • PS-NST • P-NST		TM 1.0 • TM 2.0	
Description	Anti-rotation straight abutments in titanium with chamfer					
	Ref. No.					
	7626115	7626130	7096615	7096630	7076615	7076630
Note	Features and guidelines: The coronal portion of the abutment of 6 mm height, neck transmucosal but variable based on the need. Laterally are present due grooves What serve to avoid the prosthesis rotation after cementing..					

Straight abutments with chamfer for direct screw-on

Abutment Height	6,0 mm	6,0 mm	6,0 mm	6,0 mm	6,0 mm	6,0 mm
Chamfer Height	1,5 mm	3,0 mm	1,5 mm	3,0 mm	1,5 mm	3,0 mm
Material: Titanium Treatment: Oxidation of Titanium						
Prosthetic connection:	ST		NST		TM	
Diameter	Ø 4,5 mm		Ø 4,5 mm		Ø 5,0 mm	
Implants Compatibility	ST 1.0 • P-ST • PS-ST		NST 1.0 • NST 2.0 • PS-NST • P-NST		TM 1.0 • TM 2.0	
Description	Straight abutments in titanium with chamfer for direct screw-on					
	Ref. No.					
	7620115	7620130	7096601	7096603	7076601	7076603
Note	The straight abutment has no anti-rotation hex and is screwed directly to the implant. Its use is advised as an intermediate abutment when disparallelism is absent or as a temporary abutment.					

Universal straight adjustable abutment

Locking screw included

Height	10,0 mm
Maximum Diameter	Ø 8,0 mm
Material: Titanium Prosthetic connection: Universal	
Implants Compatibility	All
Description	Universal straight adjustable abutment in Titanium
	Ref. No.
	7624580
Note	Adjustable abutments are indicated for cases of disparallelism which cannot be solved with standard abutments

Anti-rotation straight abutments

Locking screw included

Abutment Height	15,0 mm	15,0 mm	15,0 mm
Material: Titanium Treatment: Oxidation of Titanium			
Prosthetic connection:	ST	NST	TM
Implants compatibility	ST 1.0 • P-ST • PS-ST	NST 1.0 • NST 2.0 • PS-NST • P-NST	TM 1.0 • TM 2.0
Description	Anti-rotation straight abutments		
	Ref. No.		
	7620090	7096609	7076609
Note	Features and use guidelines: the h.15 mm straight abutments are available in Titanium but also castable with hex and the rotating version. This latest solution is indicated in presence of more implants in disparallelism, in the realisation of a metal meso-structure.		

Rotation straight abutments

Locking screw included

Abutment Height	15,0 mm	15,0 mm	15,0 mm
Material: Titanium Treatment: Oxidation of Titanium			
Prosthetic connection:	ST	NST	TM
Implants compatibility	ST 1.0 • P-ST • PS-ST	NST 1.0 • NST 2.0 • PS-NST • P-NST	TM 1.0 • TM 2.0
Description	Rotation straight abutments		
	Ref. No.		
	7629015	7096915	7076915
Note	Features and use guidelines: the h.15 mm straight abutments are available in Titanium but also castable with hex and the rotating version. This latest solution is indicated in presence of more implants in disparallelism, in the realisation of a metal meso-structure.		

Castable abutments

Locking screw included

Abutment Height	15,0 mm	15,0 mm	15,0 mm	15,0 mm	15,0 mm	15,0 mm
Anti-rotation/Rotating	Anti-rotation	Rotating	Anti-rotation	Rotating	Anti-rotation	Rotating
Material: POM						
Prosthetic connection	ST		NST		TM	
Diameter	Ø 4,5 mm					
Implants compatibility	ST 1.0 • P-ST • PS-ST		NST 1.0 • NST 2.0 • PS-NST • P-NST		TM 1.0 • TM 2.0	
Description	Castable abutments					
	Ref. No.					
	7631160	7631115	7096316	7096315	7076316	7076315
Note						

Castable anti-rotation abutments

Locking screw included

Height	10.0 mm	10.0 mm	10.0 mm
Material: POM			
Prosthetic connection:	ST	NST	TM
Diameter	Ø 4,5 mm		
Implants compatibility	ST 1.0 • P-ST • PS-ST	NST 1.0 • NST 2.0 • PS-NST • P-NST	TM 1.0 • TM 2.0
Description	Castable anti-rotation abutments		
	Ref. No.		
	7631100	7096313	7076313

Castable anti-rotation abutments with chamfer

Locking screw included

Height	10.0 mm	10.0 mm	10.0 mm
Material: POM			
Prosthetic connection:	ST	NST	TM
Diameter	Ø 4,5 mm		
Implants compatibility	ST 1.0 • P-ST • PS-ST	NST 1.0 • NST 2.0 • PS-NST • P-NST	TM 1.0 • TM 2.0
Description	Castable anti-rotation abutments with chamfer		
	Ref. No.		
	7631110	7096311	7076311

Ucla castable abutment CrCo base

Locking screw included

Body Material: POM Body Material: Chromium Cobalt			
Prosthetic connection	ST	NST	TM
Diameter	Ø 4,5 mm		
Implants compatibility	ST 1.0 • P-ST • PS-ST	NST 1.0 • NST 2.0 • PS-NST • P-NST	TM 1.0 • TM 2.0
Description	Ucla castable abutment CrCo base		
	Ref. No.		
	7622070	7096270	7076270

Ucla castable abutment gold base

Locking screw included

Body Material: POM Base Material: Gold alloy			
Prosthetic connection:	ST	NST	TM
Diameter	Ø 4,5 mm		
Implants compatibility	ST 1.0 • P-ST • PS-ST	NST 1.0 • NST 2.0 • PS-NST • P-NST	TM 1.0 • TM 2.0
Description	Ucla castable abutment gold base		
	Ref. No.		
	7621070	7096670	7076670

Spare cylinders

2 pieces pack

Material: POM		
		
Description	CSpare castable cylinders for Ucla abutments	Spare castable cylinders for Bar abutments
	Ref. No.	
	7641098	7641099

Spare passing screws

Spare passing screws for Transfer

3 pieces pack

Material: Titanium			
			
Description	Standard transfer screw	Pick-up transfer screw h.0 mm	Pick-up transfer screw h.3,0 mm
	Ref. No.		
	7610010	7610230	7610260

Spare passing screws for Abutments

3 pieces pack

Material: Titanium		
		
Description	Abutment screw (Standard)	Abutment screw (Implants line PS Extra-short)
	Ref. No.	
	7609999	7619999

Spare passing screws for Abutments

3 pieces pack

Material: Titanium		
		
Description	Bar abutment screw c.1,5 mm	Bar abutment screw c 3,0 mm
	Ref. No.	
	7609964	7609965

Castable abutments for overdenture bar with titanium base

Locking screw included

Transmucosal Neck Height	1,5 mm	3,0 mm	1,5 mm	3,0 mm	1,5 mm	3,0 mm
Material: body in POM base in Titanium						
Prosthetic connection:	ST		NST		TM	
Diameter	Ø 4,5 mm					
Implants compatibility	ST 1.0 • P-ST • PS-ST		NST 1.0 • NST 2.0 • PS-NST • P-NST		TM 1.0 • TM 2.0	
Description	Castable abutments for overdenture bar with titanium base					
	Ref. No.					
	7641015	7641030	7096671	7096673	7076671	7076673
Note	The castable part of the abutments for bar rotates in order to help the multiple parallelisations. The preformed base in Titanium guarantees a precise connection to the implants.					

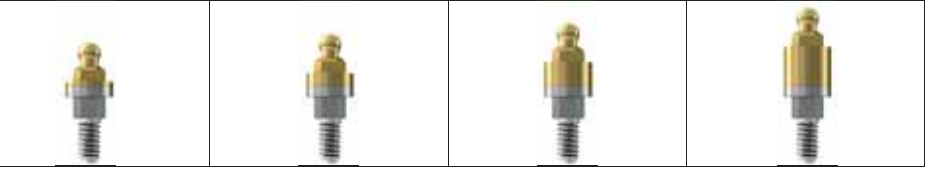
OT Equator® screw abutments

Complete set

Abutment Height	1,0 mm	2,0 mm	1,0 mm	2,0 mm	1,0 mm	2,0 mm
Material: titanium						
Set OT Equator® content: 1 OT Equator abutment 1 Contenair for Caps 4 Assorted Retention Cap 1 Protective Disk						
Prosthetic connection:	ST		NST		TM	
Diameter	Ø 4,5 mm					
Implants Compatibility	ST 1.0 • P-ST • PS-ST		NST 1.0 • NST 2.0 • PS-NST • P-NST		TM 1.0 • TM 2.0	
Description	OT Equator abutments set					
Manufactured by Rhein'83® Srl	Ref. No.					
	7643001	7643002	7093641	7093642	7073641	7073642
Note	The OT Equator reduced profile joint enables to correct the disparallelism of the implants unitl 25° without affect the retention cap functioning.					

Ball abutments screw for overdenture

Container and retention cap included

Height	1,0 mm	2,0 mm	3,0 mm	4,0 mm
Ball	Micro 1,8 mm	Micro 1,8 mm	Micro 1,8 mm	Micro 1,8 mm
Material: titanium				
Description	Monconi sferici per overdenture			
Prosthetic connection:	Ref. No.			
ST ST 1.0 • P-ST • PS-ST	7640001	7640002	7640003	7640004
NST NST 1.0 - 2.0 • PS-NST • P-NST	7096641	7096642	7096643	7096644
TM TM 1.0 • TM 2.0	7076641	7076642	7076643	7076644
Note	The ball abutments are indicated in cases of total edentulous patients and represent an effective solution for the mobile prosthesis stabilisation.			

OT Equator® spare parts

Pack	2 Pieces
Material: Steel	
Description	Container for OT Equator® caps
Manufactured by Rhein'83® Srl	Ref. No.
	7640190

OT Equator® spare parts

Pack	4 Pieces
Material: Nylon	
Kept in grams: 1,800 gr. Recommended time in mouth: 12 months	
Description	Colour: White retention cap standard OT Equator®
Manufactured by Rhein'83® Srl	Ref. No.
	7640191

Retentive caps

Pack	6 Pieces	6 Pieces	6 Pieces	6 Pieces	6 Pieces
Material:	Nylon	Nylon	Nylon	Nylon	Steel
Kept in grams	800 gr.	1.100 gr	200 gr.	-	
Recommended time in mouth	12 months	12 months	-	-	
					
Description	Colour: Pink Soft Retention	Colour: White Standard Retention	Colour: Green Elastic Retention	Colour: Water Hard Retention Reduced internal diameter Ø 1,6 mm	Container Micro Caps Ø 1,8 mm
Manufactured by Rhein'83® Srl	Ref. No.				
	7640096	7640091	7640100	7640098	7640090

Reconstructive hollow sphere set

Pack	1 Set
Reconstructive hollow ball set Ø 1,8 mm Complete with: • 2 titanium hollow spheres • 2 pink caps (soft retention) • 1 transparent inserter • 1 calibrator and strip holder	
Description	Reconstructive hollow sphere set
Manuf. by Rhein'83® Srl	Ref. No.
	7641087

Micro castable balls

Pack	4 Pieces
Material: Castable	
Description	Micro castable balls
Manuf. by Rhein'83® Srl	Ref. No.
	7640093

Disposable directional rings

Pack	3 Pieces
Material: Plastic	0° - 7° - 14°
	
Description	Disposable directional rings Inclination 0°-7°-14°
Manuf. by Rhein'83® Srl	Ref. No.
	7642099

Protection Ring

Pack	10 Pieces
Material: Plastic	
Description	Protection ring
Manuf. by Rhein'83® Srl	Ref. No.
	7640099

Cap insertion tool

	
Description	Cap insertion tool
Manuf. by Rhein'83® Srl	Ref. No.
	7640092

Micro parallelometer

	
Description	Micro parallelometer
Manuf. by Rhein'83® Srl	Ref. No.
	7640094

Let's Go To Digital

Let's Go To Digital

The digitalization of the dental world is in evolution, we support all your digital needs. Our digital solutions enable you to perform the full digital workflow, from planning to final restoration, withyour choice of Multysystem 3D guided surgery system and the leading CAD/CAM.

The Multysystem digital flow provides various operator access options:

• FULL OUTSOURCING MULTYSYSTEM SERVICE

Training, tutoring and complete coaching by our experts, both for software procedure and clinical and / or technical procedures.

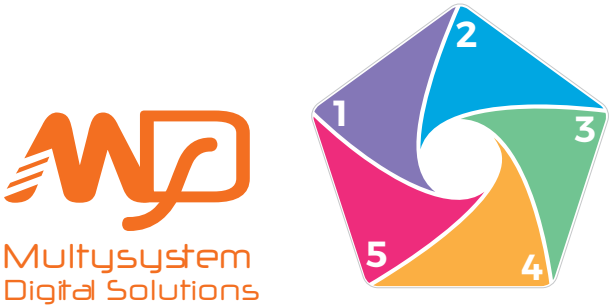
• PARTIAL OUTSOURCING MULTYSYSTEM SERVICE

Training tutoring and partial coaching by our experts, both for software procedures and clinical and / or technical procedures - possibility of access in one any of the flow steps.

• SUPPLY AND ASSISTANCE MULTYSYSTEM SERVICE

Supply of software and / or hardware with a complete service of assistance at all levels.

Multysystem
Digital Solutions



CC Digital Prosthetics
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MFS • MFD
Implants features

FEATURES OF MULTYSYSTEM® MONOPHASIC IMPLANTS

Multysystem monophasic implants are divided info different lines:

MINI MFS • Mini implants with ball attachment

MFS • Ball attachment

MINI MFD • Mini implants with squared Straight abutment

MFD • Squared straight abutment

MFD-L • Tapered straight abutment

Design:

• Tapered one stage implants

• Self tapping with apical longitudinal antirotation drilling

• Polished transmucosal collar in order to facilitate the biocompatibility of the soft tissues

Monophasic implant thread-pitch:

• 1.0 mm - to ensure the primary stability in presence of D1 and D2 bone density or

• 2.0 mm - to compact alveoli with types of softer bone, D3 and D4 density or post-extractive sites

Monophasic implant measures:

Diameter from 2,5 to 5,0 mm

Lenght from 7 to 17 mm

MFS • MDF IMPLANTS FEATURES SUMMARY TABLE

Implant Line	Collar	Abutment	Thread-pitch	Square or T. cone	Ball Diameter	Abutment Length	Application Indications
Mini MFS 1.0	Polished 1,5 mm	Spherical	1 mm	2x2 mm	Ø 1,8	-	Front areas, preferably mandibular
MFS 2.0	Polished 2,5 mm	Spherical	2 mm	3x3 mm	Ø 1,8	-	All areas
Mini MFD 1.0	Polished 1,5 mm	Straight	1 mm	2x2 mm	-	5,0 mm	Front areas, preferably mandibular
MFD 2.0	Polished 4,0 mm	Straight	2 mm	3x3 mm	_	5,0 mm	All areas
MFD-L 1.0	Polished 3,0 mm	Straight	1 mm	4x4 mm tronco di cono	-	8,0 mm	All areas

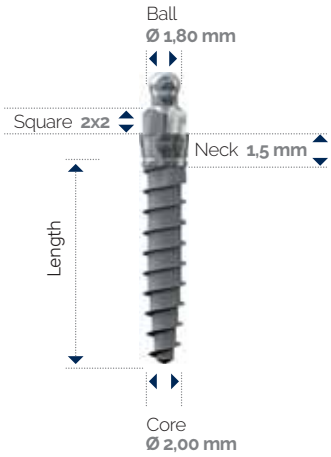
Ball Abutment for Overdenture

Polished collar in order to respect and regenerate soft tissues

High Frequency Roughness (H.F.R.) surface treatment

Apical taper with self-tapping and anti-rotation system

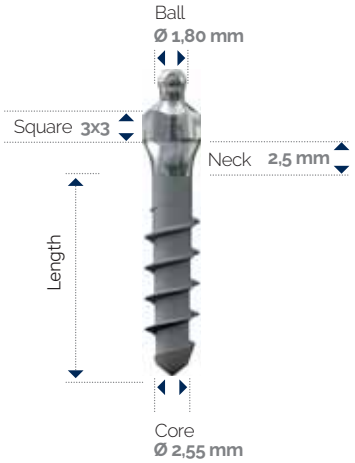
Monophasic implants
MFS with ball abutment and activated surface H.F.R.
(High Frequency Roughness)



Mini MFS 1.0

Diameters:
2,5 – 3,0 mm

Lengths:
9 – 11 – 13 – 15 – 17 mm



MFS 2.0

Diameters:
3,5 – 4,0 mm

Lengths:
9 – 11 – 13 – 15 – 17 mm

MFD Monophasic implants

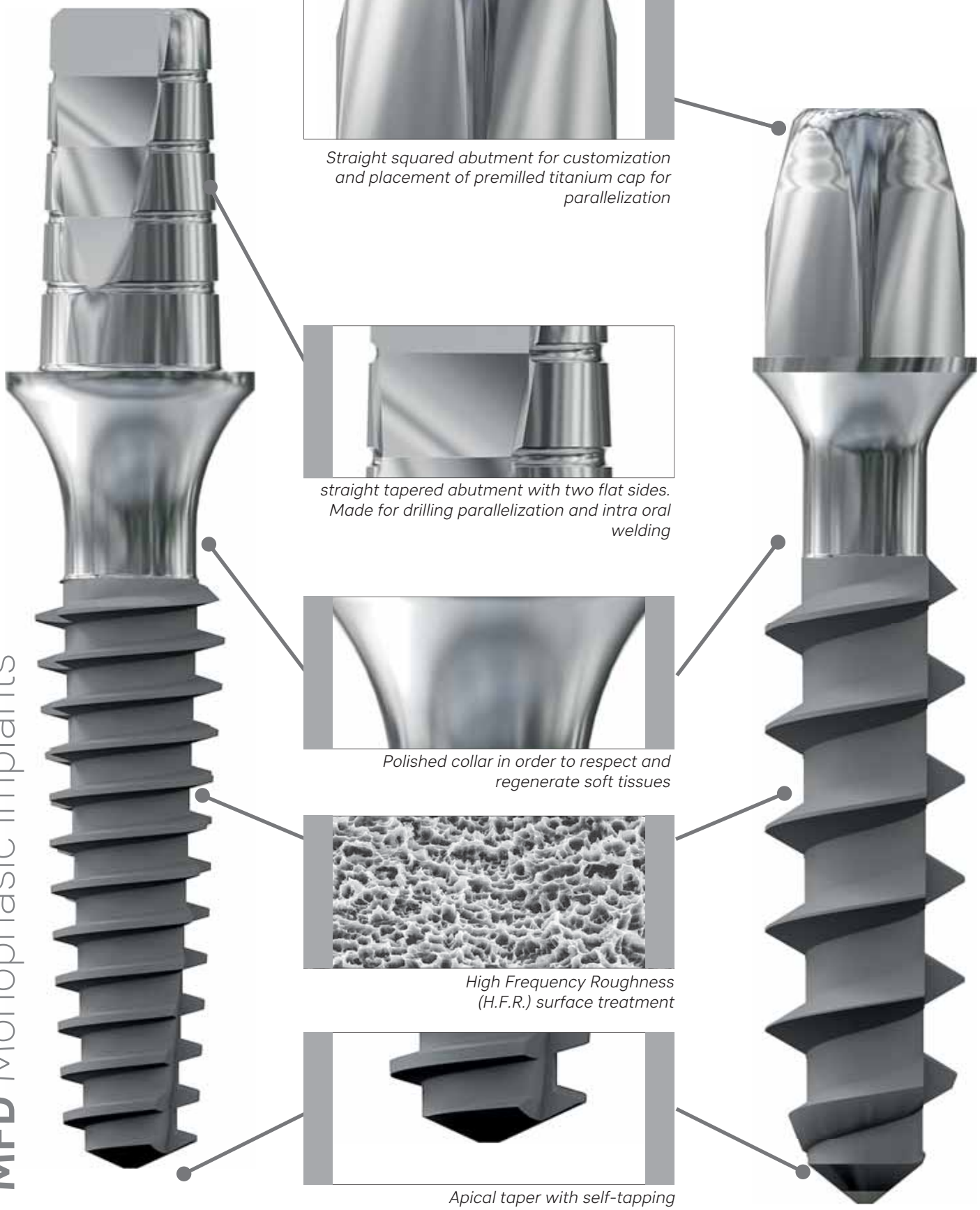
Straight squared abutment for customization and placement of premilled titanium cap for parallelization

straight tapered abutment with two flat sides. Made for drilling parallelization and intra oral welding

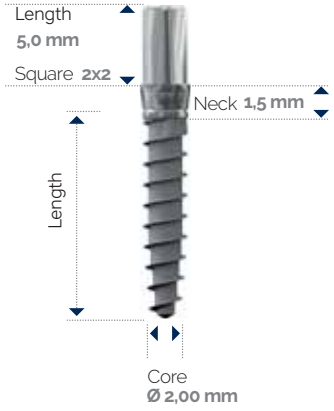
Polished collar in order to respect and regenerate soft tissues

High Frequency Roughness (H.F.R.) surface treatment

Apical taper with self-tapping and anti-rotation system



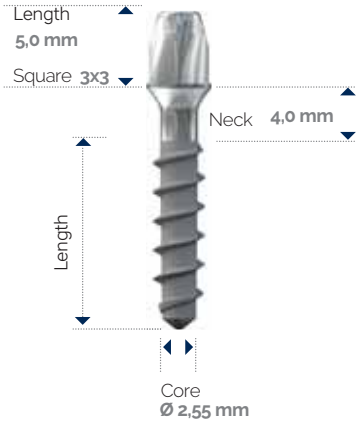
Monophasic implants
MFD with straight abutment and activated surface H.F.R.
(High Frequency Roughness)



Mini MFD 1.0

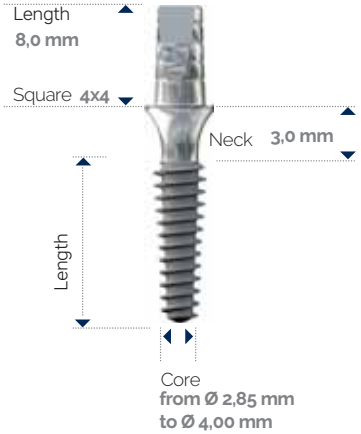
Diameters:
2,5 – 3,0 mm

Lengths:
9 – 11 – 13 – 15 – 17 mm



MFD 2.0

Diameters::
3,5 – 4,0 – 5,0 mm
Lengths:
7 - 9 – 11 – 13 – 15 – 17 mm



MFD-L

Diameters:
3,2 – 3,7 – 4,2 - 4,7 mm

Lengths:
7 – 8,5 – 10 – 11,5 – 13 – 15 mm

Use of monophasic implants **MFS • MFD**

How to use

The MFS – MFD immediate load monophasic transmucosal implants represent an effective solution for stabilising mobile and fixed prosthesis, even in the presence of atrophic mandibular ridges.

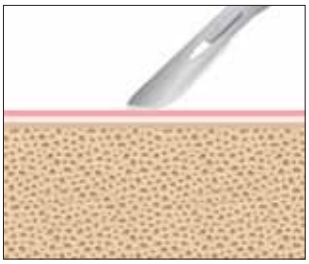
Fixture site

After a thorough evaluation of the morphology and bone consistency, in order to assess whether to take action with or without elevation of the flap (transmucosal surgical approach), proceed to creating the bone site

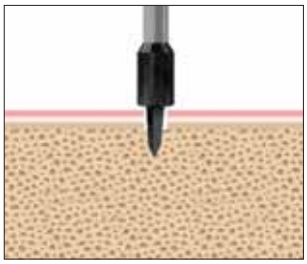
Important

Once the implant placement procedure has been carried out, make sure that there are no micro movements and that primary stability has been achieved. Incorrect diagnosis assessment and inaccurate planning can cause the loss of the implant.

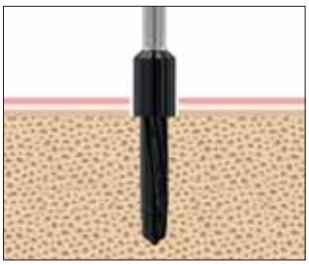
Summary of the surgical steps for mini transmucosal immediate load MFS – MFD implants



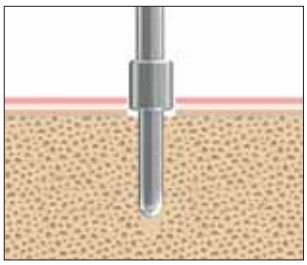
1. Incision of the mucosa



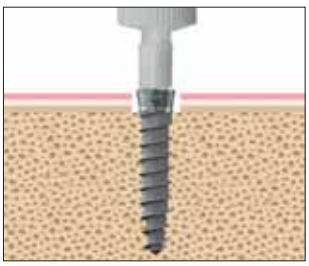
2. Creation of the insertion point with the centring drill



3. Calibration of the final diameter of the implant site with the trimming drill



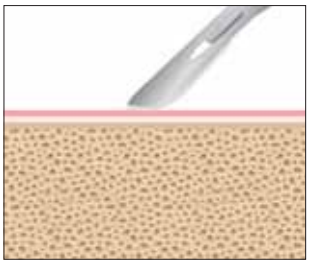
4. Verifying the inclination with the inclination marker



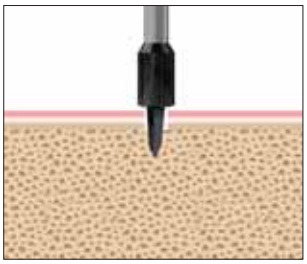
5. Placing the fixture in the bone site with the mount transfer

6. Screwing the fixture with the ratchet complete with the specific extension for mini implants

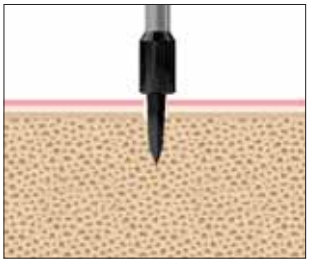
Summary of the surgical steps for mini transmucosal immediate load MFS • MFD • MFD-L implants



1. Incision of the mucosa

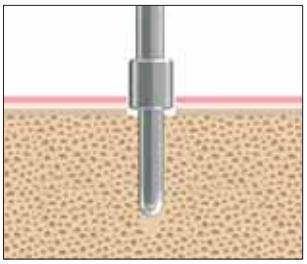


2. Creation of the insertion point with the centring drill

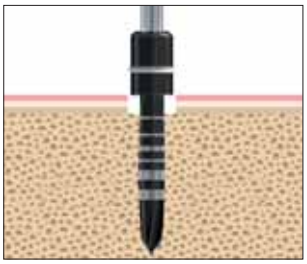


3. Perforation of the cortical bone with the cortical drill

4. Determination of the fixture orientation and the drilling depth with the millimetre marked pilot drill



5. Inclination inspection with the inclination marker



6. Calibration of the final diameter of the implant site with the trimming drill

7. Tapping the bone site with the manual millimetre marked bone tap inserted in the ratchet

8. Placing the fixture in the bone site with the mount transfer

9. Screwing the fixture with the ratchet complete with the specific extension for mini implants

Prosthetic procedures implants with straight abutment

Impression

Taking the impression is carried out by conventional technique, using the specific transfers designed to simplify operating procedures. The transfers are coupled to the analogues in the laboratory and then the plaster model is developed. Once the plaster model has been created, the prosthetic artefact is prepared

Transfer placement

Plaster model

Once the plaster model has been developed, on which the gum line is reproduced with soft resin in order to obtain a correct emerging profile of the prosthesis, choose the necessary final prosthetic abutments, according to the type of prosthetic solution chosen. A set consisting of eight test abutments, with varying angles up to 30°, which reproduce the crown height and the height of thetransmucosal neck of the available abutments, is available in order to assist the operator during this phase. Once the verification phase has ended, proceed with using the final abutment corresponding to the one chosen.

Transfer coupled to the analogue

Plaster model with analogues

Prosthesis placement

Placing the mobile prosthesis

Check the oral cavity to make sure that the 4.5 mm diameter drain holes in the prosthesis match the implants and ensure there are no pre-contacts.

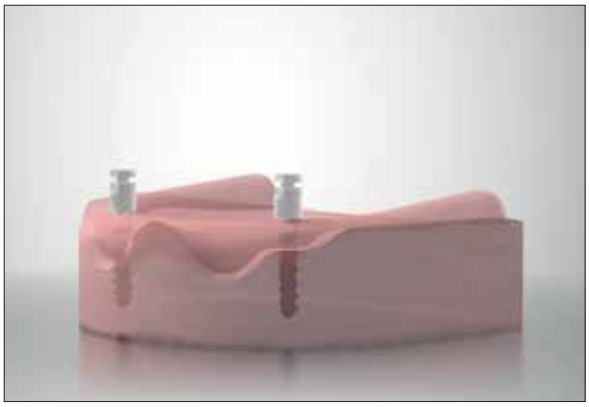
Apply the protection disks to the base of the balls to prevent the relining cold resin from infiltrating in the undercuts.

In cases of disparallelism use the directional rings before positioning the retentive cap (which will be incorporated in the prosthesis) over the ball.

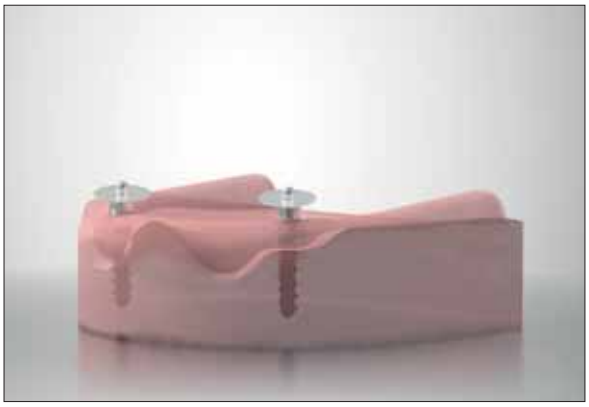
Fill the appropriate drain holes in the denture with cold resin and wait until it hardens with the prosthesis positioned in the oral cavity.

Proceed with the finish and polishing and check occlusion.

Where a pre-existing denture is used, only prepare 4.5 mm diameter drain holes on the lower surface of the prosthesis and proceed as already described

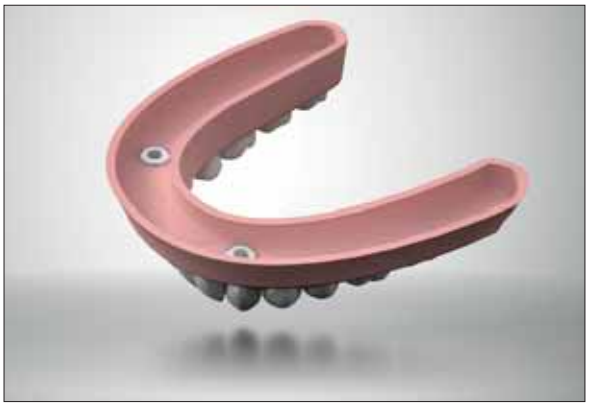


1. Placing the transfers



2. Placing the protection disks

3. Placement of ritention caps



4. Retentive caps inserted into the prosthesis

Mini Implant **1.0 MFS**

- mini monophasic implants with micro ball attachment diameter 1,8 mm
- transgingival and self-tapping for overdenture
- 1,0 mm thread pitch for primary stability
- indicated in case of D1 or D2 bone
- mainly indicated in case of bone atrophy

1.0 MFS Implant	1.0 MFS	
Diameter	Ø 2,5 mm	Ø 3,0 mm
		
Thread-pitch	1,0 mm	
Ball	Ø 1,8 mm	
Square	2x2 mm	
Neck	Polished h 1,5 mm	
Length	Ref. No.	
9,0 mm	7062509	7063009
11,0 mm	7062516	7063011
13,0 mm	7062518	7063013
15,0 mm	7062520	7063015
17,0 mm	7062521	7063017

Drill sequence for mini implants **1.0 MFS**

Centring drill

Ø 1,8 mm

Calibrated Drill

Ø 2,0 mm

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to go to the video page

Drills sequence for
Mini Implant 1.0 MFS

Implant **2.0 MFS**

- monophasic implants with micro ball attachment diameter 1,8 mm
- transgingival and self-tapping for overdenture
- 2,0 mm thread pitch to ensure primary stability in extension
- indicated in case of D3 or D4 bone
- indicated in all clinical situations and in post extractive sites

2.0 MFS Implant	2.0 MFS	
Diameter	Ø 3,5 mm	Ø 4,0 mm
		
Thread-pitch	2,0 mm	
Ball	Ø 1,8 mm	
Square	3x3 mm	
Neck	Polished h 2,5 mm	
Length	Ref. No.	
9,0 mm	7083509	7084009
11,0 mm	7083511	7084011
13,0 mm	7083513	7084013
15,0 mm	7083515	7084015
17,0 mm	7083517	7084017

Drill sequence for implants **2.0 MFS**

Centring drill
Ø 1,8 mm

Pilot drill
Ø 2,3 mm

Millimetre marked first drill
Ø 2,55 mm

Millimetre marked trimmin drill
Ø 2,85 mm

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to go to the video page

Drills sequence for
Implant 2.0 MFS

Mini implant **1.0 MFD**

- mini monophasic implants with squared straight abutment
- transgingival and self-tapping for fixed prosthesis
- 1,0 mm thread pitch for primary stability
- indicated in case of D1 or D2 bone
- mainly indicated in case of bone atrophy

Implant **2.0 MFD**

- monophasic implants with squared straight abutment
- transgingival and self-tapping for fixed prosthesis
- 2,0 mm thread pitch to ensure primary stability in extension
- indicated in case of D3 or D4 bone
- indicated in all clinical situations and in post extractive sites

MFD-L Implant	1.0 MFD		2.0 MFD		
Diameter	Ø 2,5 mm	Ø 3,0 mm	Ø 3,5 mm	Ø 4,0 mm	Ø 5,0 mm
					
Thread-pitch	1,0 mm		2,0 mm		
Ball	L. 5.0 mm		L. 5.0 mm		
Square	2x2 mm		3x3 mm		
Neck	Lucido h 1,5 mm		Lucido h 4,0 mm		
Length	Ref. No.		Ref. No.		
9,0 mm	7082509	7083009	7063518	7064018	7065018
11,0 mm	7082511	7083011	7063520	7064020	7065020
13,0 mm	7082513	7083013	7063522	7064022	7065022
15,0 mm	7082515	7083015	7063524	7064024	7065024
17,0 mm	7082517	7083017	7063526	7064026	7065026

Drill sequence for mini implants **1.0 MFD**

Centring drill Ø 1,8 mm

Calibrated Drill Ø 2,0 mm

Drill sequence for implants **2.0 MFD**

Centring drill Ø 1,8 mm

Pilot drill Ø 2,3 mm

Millimetre marked first drill Ø 2,55 mm

Millimetre marked trimmin drill Ø 2,85 mm

Drills sequence for Mini mplant 1..0 MFD

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to go to the video page

Drills sequence for Implant 2..0 MFD

Implant **1.0 MFD-L**

- monophasic implants with extra long tapered straight abutment
- transgingival and self-tapping for fixed prosthesis and intra oral splinting with welding machine
- 1,0 mm thread pitch for primary stability
- mainly indicated in case of D3 or D4 bone
- indicated in all areas, mainly in frontals

MFD-L Implant	1.0 MFD-L			
Diameter	Ø 3,2 mm	Ø 3,7 mm	Ø 4,2 mm	Ø 4,7 mm
				
Thread-pitch	1,0 mm			
Ball	L. 8,0 mm			
Square	4x4 mm			
Neck	Lucido h 3,0 mm			
Length	Ref. No.			
7,0 mm	-	-	7164207	7164707
8,5 mm	7163208	7163708	7164208	7164708
10,0 mm	7163210	7163710	7164210	7164710
11,5 mm	7163211	7163711	7164211	7164711
13,0 mm	7163213	7163713	7164213	7164713
15,0 mm	7163215	7163715	7164215	7164715

Drill sequence for implants **1.0 MFD-L**

Centring drill
Ø 1,8 mm

Pilot drill
Ø 2,3 mm

Millimetre marked first drill
Ø 2,55 mm

Millimetre marked trimmin drill
Ø 2,85 mm

Calibrated Drill
Ø 4,00 mm

solo per 1.0 MFD-L Ø 4,7 mm

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to go to the video page

Drills sequence for Implant 1.0 MFD-L

Prosthetic components **MFS**

Transfer and cap for MFS implants

3 pieces pack

Implant	Mini MFS	MFS
Material: POM		
Diameter	Ø 4,25 mm	Ø 5,00 mm
Description	Transfer and cap for MFS implants	
	Ref. No.	
	7061010	7061012
Note	MFS MFS transfer and Mini systems have a dual use - Allow Impression Taking - Act as healing caps.	

Analogue

Implant	Mini MFS	MFS
Material: Titanium		
Description	Analogue	
	Ref. No.	
	7061505	7061515
Note	The analogues are to be coupled to the transference to develop the plaster model.	

Retentive caps

Pack	6 Pieces	6 Pieces	6 Pieces	6 Pieces	6 Pieces
Material:	Nylon	Nylon	Nylon	Nylon	Steel
Kept in grams	800 gr.	1.100 gr	200 gr.	-	
Recommended time in mouth	12 months	12 months	-	-	
					
Description	Colour: Pink Soft Retention	Colour: White Standard Retention	Colour: Green Elastic Retention	Colour: Water Hard Retention Reduced internal diameter Ø 1,6 mm	Container Micro Caps Ø 1,8 mm
Manufactured by Rhein'83® Srl	Ref. No.				
	7640096	7640091	7640100	7640098	7640090

Reconstructive hollow sphere set

Pack	1 Set
Reconstructive hollow ball set Ø 1,8 mm Complete with: • 2 titanium hollow spheres • 2 pink caps (soft retention) • 1 transparent inserter • 1 calibrator and strip holder	
Description	Reconstructive hollow sphere set
Manuf. by Rhein'83® Srl	Ref. No.
	7641087

Micro castable balls

Pack	4 Pieces
Material: Castable	
Description	Micro castable balls
Manuf. by Rhein'83® Srl	Ref. No.
	7640093

Disposable directional rings

Pack	3 Pieces
Material: Plastic	0° - 7° - 14°
	
Description	Disposable directional rings Inclination 0°-7°-14°
Manuf. by Rhein'83® Srl	Ref. No.
	7642099

Prosthetic components **MFD**

Impression components

3 pieces pack

Implant	Mini MFD	MFD	MFD-L
Material: POM			
Diameter	Ø 4,40 mm	Ø 4,40 mm	Ø 5,40 mm
Description	Impression components		
	Ref. No.		
	7061000	7061011	8061011
Note	The transfer to MFD and MFD Mini implants have a threefold use: - Allow Impression Taking - Act as healing caps - They can be used as copings prior castable wax-up and casting intraoral.		

Straight titanium cap

2 pieces pack

Implant	Mini MFD	MFD
Material: Titanium		
Diameter	Ø 4,20 mm	Ø 5,50 mm
Description	Straight cap for implant	
	Ref. No.	
	7061020	7061021
Note		

Pre-milled titanium cap

2 pieces pack

Implant	Mini MFD	MFD
Material: Titanium		
Diameter	Ø da 3,9 a 6.0 mm	Ø da 5,2 a 7,5 mm
Description	Pre-milled cap from 0° to 30°	
	Ref. No.	
	7061030	7061031
Note	copings titanium from 0 ° to 30 ° are drillable and indicated in the cases of parallelism.	

Analogue

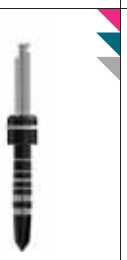
Implant	Mini MFD	MFD	MFD-L Ø 3,2 e 3,7 mm	MFD-L Ø 4,2 e 2,7 mm
Material: Titanium				
Description	Analogue			
	Ref. No.			
	7061500	7061510	8061510	8061511
Note	The analogues are to be coupled to the transference to develop the plaster model.			

Multysystem
Drills & surgical instruments

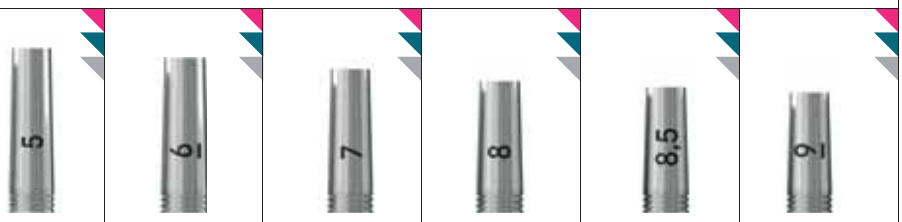
Pilot drills

Diameter	Ø 1,8 mm	Ø 1,8 mm	Ø 2,3 mm	Ø 2,3 mm
Material: Surgical Steel				
Treatment: DLC				
Tip length	5,0 mm	10,0 mm	5,5 mm	10,5 mm
Implants compatibility	All			
Description	Centering Drill		Cortical drill	
	Ref. No.			
	7410125	7410120	7410135	7410130
Note	Indicated to create the implant site insertion point.		Indicated for drilling the cortical bone..	

Millimetre marked drills

Diameter	Ø 2,55 mm	Ø 2,55 mm	Ø 2,85 mm	Ø 2,85 mm
Material: Surgical Steel				
Treatment: DLC				
Tip length	17,0 mm	17,0 mm	17,0 mm	17,0 mm
Total length	36,5 mm	40,5 mm	36,5 mm	40,5 mm
Implants compatibility	All			
Description	Initial Drill		Final Drill	
	Ref. No.			
	7097491	7097401	7097497	7097417
Note	The reference notches on the drills are indicative. It is therefore appropriate to apply the appropriate stops that determine the correct milling depth.			

Depth stop

Types of implant	All					
Material: Surgical Steel						
Height (length) Stop	5,0 mm	6,0 mm	7,0 mm	8,0 mm	8,5 mm	9,0 mm
Drills compatibility	Millimetrate Drills Ø 2,55 and Ø 2,85					
	Ref. No.					
	7105105	7105106	7105107	7105108	7105185	7105109

Types of implant	Tutti				
Material: Surgical Steel					
Height (length) Stop	10,0 mm	11,0 mm	11,5 mm	13,0 mm	15,0 mm
Drills compatibility	Millimetrate Drills Ø 2,55 and Ø 2,85				
	Ref. No.				
	7105110	7105111	7105112	7105113	7105115

Use guidelines: The depth stop can be applied on the millimetre marked drills in order to precisely determine the maximum depth of drilling.

Locking rings (spares)

Material Surgical Silicon	
Colour	Light
Pack contents	24 pieces
	Ref. No.
	7103032

Use guidelines: It stabilises the connection of the depth stop to the drills and of bone taps, connectors and manual extensions to the locking keys. To maintain the efficient instruments, the locking ring should be replaced every ten made sterilizations.

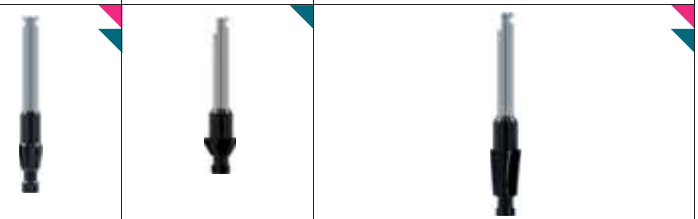
Calibrated drills for MFS - MFD mini implants

Ref. No.	7062409	7062411	7062413	7062415	7062416
Tip length	9,0 mm	11,0 mm	13,0 mm	15,0 mm	17,0 mm
Material: Surgical Steel					
Treatment: DLC					
Diameter	Ø 2,00 mm				
Implants compatibility	Mini Implants MFS - MFD				
Description	Trimming calibrated drill				
Note	The stop on the drills shows the depth of established milling.				

Calibrated drills

Ref. No.	7077405	7077406	7077407	7077458	7077459	7077460	7077451	7077452	7077453	7077455	7077457
Tip length	5,0 mm	6,0 mm	7,0 mm	8,5 mm	9,0 mm	10,0 mm	11,0 mm	11,5 mm	13,0 mm	15,0 mm	17,0 mm
Material: Surgical Steel											
Treatment: DLC											
Diameter	da Ø 2,85 mm a Ø 4,0mm										
Implants compatibility	All										
Description	Trimming calibrated drill										
Note	The stop on the drills shows the depth of established milling.										

Countersink

Ref. No.	7410100	7097402	7077402
Diameter	Ø 3,6 mm	Ø 5,0 mm	double caliber Ø 4,0 mm • Ø 4,5 mm
Material: Surgical Steel			
Treatment: DLC			
Implants compatibility	**TC** 1.0 TC–R Ø 3,7-4,2 **CC** ST 1.0 P-ST • PS-ST	**CC** P-NST • PS-NST	**TC** 1.0 TC–R Ø 4,7-5,2 2.0 TC–R Ø 4,5-5,5 **CC** NST 1.0 • NST 2.0 TM 1.0 • TM 2.0
Description	Countersink		
Note	They are indicated for the preparation of the implant site in order to help the positioning of the implant at the level of the bone crest.		

Trephine for autologous bone recovery

Diameter	Ø 3,5 mm	Ø 4,0 mm	Ø 4,5 mm	Ø 5,0 mm	Ø 6,0 mm	Ø 2,85 mm
Material: Surgical Steel Treatment: DLC						
Sharp length	14,0 mm					17.0 mm
Implants compatibility	All					All
Description	Trephine					Bone graft trephine
	Ref. No.					Ref. No.
	7105035	7105040	7105045	7105050	7105060	7470190
Note	They are indicated for the recovery of autologous bone.					

Mechanical tissue punch

Diameter	Ø 3,4 mm	Ø 4,2 mm	Ø 4,7 mm
Material: Surgical Steel Treatment: DLC			
Implants compatibility	MFS MFD Mini Implant	TC TC-N CC All except TM	TC TC-R CC TM
Description	Mechanical tissue punch		
	Ref. No.		
	7067111	7410110	7077410

Manual tissue punch

Diameter	Ø 3,4 mm	Ø 4,2 mm	Ø 4,7 mm
Material: Surgical Steel			
Implants compatibility	MFS MFD Mini Implant	TC TC-N CC All except TM	TC TC-R CC TM
Description	Manual tissue punch		
	Ref. No.		
	7067116	7410116	7077416

Note: Suitable for uncovering the head of the implants placed beneath the mucosa and for surgical transmucosal approach techniques

Bone tap threading 1.0 mm

Diameter	Ø 3,2 mm	Ø 3,7 mm	Ø 4,2 mm	Ø 4,7 mm	Ø 5,2 mm
Material: Titanium					
Treatment: Nitrurato					
Length	17,0 mm	17,0 mm	17,0 mm	17,0 mm	17,0 mm
Implants compatibility	Every implant thread-pitch 1.0				
Description	Bone tap threading 1 mm				
	Ref. No.				
	7232017	7092317	7092417	7072417	7072517
Note	The notches on the bone taps indicate the depth of tapping				

Bone tap threading 2.0 mm

Diameter	Ø 3,5 mm	Ø 4,0 mm	Ø 4,5 mm	Ø 5,0 mm	Ø 5,5 mm
Material: Titanium					
Treatment: Nitrurato					
Length	17,0 mm	17,0 mm	17,0 mm	17,0 mm	17,0 mm
Implants compatibility	Every implant thread-pitch 2.0				
Description	Bone tap threading 2 mm				
	Ref. No.				
	7062317	7092517	7092617	7072617	7072717
Note	The notches on the bone taps indicate the depth of tapping				

Surgical instruments (square 3)

Square	3 (white O-ring)
Material: Steel	
Description	Universal Mount transfer
	Ref. No.
	7103035

Rachet (square 3)

Square	3 (white O-ring)
Material: Steel	
Description	Rachet
	Ref. No.
	7103000

Angled driver (square 3)

Square	3 (white O-ring)
Material: Steel	
Description	Angled driver
	Ref. No.
	7103040

Straight driver (square 3)

Square	3 (white O-ring)
Material: Steel	
Description	Straight driver
	Ref. No.
	7103045

Extralong screwdriver handle (square 3)

Square	3 (white O-ring)
Material: Steel	
Description	Extralong screwdriver handle
	Ref. No.
	7103046

Connectors for implants **CC**

Square	3 (white O-ring)	
Material: Surgical Steel		
Total length	12,5 mm	15,5 mm
Type	Short CC	Long CC
Description	Adapter for manual **CC** systems to be used with K2-Q3 converter	
	Ref. No.	
	7101000	7101010
Note	They link to the locking keys and to the handpiece, to place the internal hex classic connection implants.	

Connectors for implants **TC**

Square	3 (white O-ring)					
Material: Surgical Steel						
Total length	12,5 mm	15,5 mm	18,5 mm	12,5 mm	15,5 mm	18,5 mm
Type	Short TC-N	Long TC-N	Maxi TC-N	Short TC-R	Long TC-R	Maxi TC-R
Description	Adapter for manual **TC** systems to be used with K2-Q3 converter					
	Ref. No.					
	9113046	9113047	9113048	9113146	9113147	9113148
Note	They link to the locking keys and to the handpiece, to place the internal hex classic connection implants.					

Mechanical Connectors for implants **TC & CC**

Square							
Material: Surgical Steel							
Type	Short TC-N	Long TC-N	Maxi TC-N	Short TC-R	Long TC-R	Maxi TC-R	One-Size
Description	Mechanical Connectors for implants **TC**						**CC** (K2-Mec)
	Ref. No.						
	9103046	9103047	9103048	9103146	9103147	9103148	7103047
Note							

Universal Extension

Square	3 (white O-ring)			
Material: Surgical Steel				
Implants compatibility	MFD-L	Mini Implants	TC CC	TC CC
Total legnth	11,5 mm	15,0 mm	11,5 mm	15,0 mm
Type	-	-	Short	Long
Description	Universal extension cable to be used with K2-Q3 converter			
	Ref. No.			
	8062010	7062000	7102000	7102010

Note They link to the locking keys, to the connectors, the bone taps and to the handpiece.

Mechanical Universal Extension

Square	3 (white O-ring)	
Material: Surgical Steel		
Implants compatibility	Mini Implants MFD MFS	TC CC
Type	Unique	Unique
Description	Universal Mechanical Extension to be used with K2-Mec converter	
	Ref. No.	
	7062048	7103048

Multi-Unit straight base extension

Square	3 (white O-ring)
Material: Surgical Steel	
Type	Unique
Description	Extension cable to be used with K2-Q3 converter
	Ref. No.
	7102015

Note They link to the locking keys, to the connectors, the bone taps and to the handpiece.

MULTY
SYSTEM

Variable Torque Dynamometric Ratchet BC1

Mat.: Surgical Steel	
Description	Variable Torque Dynamometric Ratchet
	Ref. No.
	BC1
Note	

Converters

Mat.: Surgical Steel		
Descrizione	for square 3	for square 4
	Ref. No.	
	BC17030	BC17040
Note		

Torque Wrench Adapters (square 4)

Connectors for torque wrenches

Square	4 (O-ring black)				
Description: Surgical Steel					
Type	Mini MFS-MFD	MFS-MFD	TC-N	TC-R	Unique CC
Description	Adapter for installations to be used with K2-Q4 converter				
	Ref. No.				
	7103015	7103014	9103113	9113113	7103013

Connector for Prosthetic screws

Square	4 (O-ring black)		
Description: Surgical Steel			
Lunghezza	16,5 mm	22,5 mm	26,5 mm
Type	Corto	Lungo	Maxi
Description	Adapter for prosthetic screws to be used with K2-Q4 converter		
	Ref. No.		
Implants TC	9103103	9103104	9103105
Implants CC	7103103	7103104	7103107

Connector for ball abutments • OT Equator® abutments • Straight Multi-Unit bases

Square	4 (O-ring black)		
Material: Surgical Steel			
Type	Unique	Unique	Unique
Description	pherical abutment adapter for use with K2-Q4 converter	OT Equator® abutment adapter to be used with K2-Q4 converter	Multi-Unit Straight Base Adapter to be used with K2-Q4 converter
		Ref. No.	
	TC 9103005	7103105	7103037
	CC 7103005		
Note	They connect to the dinamometrical keys for the implant insertion and for the prosthetic abutments tightening.		

Manual poliyvalent screwdrivers for screws and abutments

Material: Surgical Steel			
Length	22,5 mm	25,5 mm	28,5 mm
Type	Short	Long	Maxi
Description	Manual poliyvalent screwdrivers for screws and abutments		
	Ref. No.		
Implants TC	9103020	9103030	9103034
Implants CC	7103020	7103030	7103034
Note	Suitable for Multysystem prosthetic abutments		

Poliyvalent screwdrivers for angled screws

Material: Surgical Steel					
Length	22,5 mm	25,5 mm	28,5 mm	25,0 mm	29,0 mm
Type	Short	Long	Maxi	Long	Maxi
Description	Manual poliyvalent screwdrivers for angled screws			Multi-purpose mechanical screwdriver for inclined screws	
	Ref. No.				
	7103910	7103913	7103916	SESD	MESD
Note	Suitable for Multysystem angled screws				

Mechanical poliyvalent Screwdriver

Material: Surgical Steel				
Length	20,0 mm	25,0 mm	30,0 mm	20,0 mm
Type	Short	Long	Maxi	Unique
Description	Mechanical poliyvalent Screwdriver TC			Mec. poliy. Screw. CC
	Ref. No.			
	9103120	9103130	9103134	7103049
Note	Suitable for Multysystem prosthetic abutments			

Long grip for mechanical polyvalent screwdriver

Material: Surgical Steel	
Type	
Description	Long grip for mechanical polyvalent screwdriver
	Ref. No.
	7103036

Note Suitable for Multysystem prosthetic abutments

Screwdriver for ball abutment

Material: Surgical Steel		
Description	Screwdriver for ball abutment	
	Ref. No.	
TC	9610110	-
CC	-	7610110
Note	Suitable for ball abutments	

Screwdriver for straight Multi-Unit bases

Material: Surgical Steel	
Description	Screwdriver for straight Multi-Unit bases
	Ref. No.
	7103029

Note Suitable for MU abutments

Screwdriver for abutment OT Equator

Material: Surgical Steel	
Description	Screwdriver for abutment OT Equator
	Ref. No.
	7610113

Note Suitable for Ot Equator abutments

Direction guide

Material: Titanium		
Implants compatibility	MFS • MFD	TC CC
Description	Direction guide Double caliber Ø 2,00 mm – Ø 2,55 mm	Direction guide Double caliber Ø 2,55 mm – Ø 2,85 mm
	Ref. No.	
	7063117	7103117
Note	It is used to verify the correct alignment of the Implants during the fase of implant site preapration	

Mechanical drill extension

Material: Steel	
Description	Mechanical drill extension
	Ref. No.
	7103070
Note	It helps the accessibility of the drills in presence of Natural teeth adjacent to the implant site

Millimetre marked alveolar probe from L.6 to 17 mm

Material: Steel	
Description	Millimetre marked alveolar probe from L.6 to 17 mm
	Ref. No.
	7109901
Note	It allows the depth test of drilling.

Titanium tweezers

Material: Titanium	
Description	Titanium tweezers
	Ref. No.
	7103050
Note	It is used for avoiding the contamination of sterile surgical instruments

Magnificator for biphasic implants

3 pieces pack

		
Description	Magnificator for monophasic implants	Magnificator for biphasic implants
	Ref. No.	
	7064000	7104000
Note	It is used overlapping the ortopantomography during the pre-surgical design	

Multysystem Surgical Sets


MULTY SYSTEM
SPARE PARTS
DRILL EXTENDER
TC-N
TC-R
CC
TORQUE CC
TORQUE TC
MAN. CC
MAN. TC

Multysystem
Basic Surgical Set

Base Surgical Set

Implants Compatibility		CC e TC
	Ref. No.	7100021
	Set Type	Base Surgical Set
Qty.	Ref. No.	
1	7103996	Base Surgical Box
1	7410125	Short centering drill Ø 1,8
1	7410135	Short cortical drill Ø 2,3
1	7097401	Long millimetre marked first drill Ø 2,55 length 17
1	7097417	Short millimetre marked trimming drill Ø 2,85 length 17
1	7077455	Trimming marked drill Ø 2,85/4,0 length 15
1	7410100	Countersink Ø 3,6
1	7077402	Countersink Ø 4,0-4.5
1	7097402	Countersink Implants Ø 5,0 mm
1	7103070	Mechanical Drill Extension
2	7103117	Indicator Direction Ø 2.55-2.85
1	7105105	Stop depth length 5 for Millimetre marked drill
1	7105106	Stop depth length 6 for Millimetre marked drill
1	7105107	Stop depth length 7 for Millimetre marked drill
1	7105108	Stop depth length 8 for Millimetre marked drill
1	7105185	Stop depth length 8.5 for Millimetre marked drill
1	7105109	Stop depth length 9 for Millimetre marked drill
1	7105110	Stop depth length 10 for Millimetre marked drill
1	7105111	Stop depth length 11 for Millimetre marked drill
1	7105112	Stop depth length 11.5 for Millimetre marked drill
1	7105113	Stop depth length 13 for Millimetre marked drill
1	7105115	Stop depth length 15 for Millimetre marked drill
1	9103030	Long Multi-purpose Manual Screwdriver TC
1	7103030	Long Multi-purpose Manual Screwdriver CC
1	7101010	Long connector for implants CC
1	9113047	Long connector for implants TC-N
1	9113147	Long connector for implants TC-R
1	9609000	Abutment extractor TC-N
1	9090900	Abutment extractor TC-R
1	Bc1	Variable Torque Dynamometric Ratchet
1	BC17030	3x3 Square Converter for Dynamometric Ratchet
1	BC17040	4x4 Square Converter for Dynamometric Ratchet

Empty Surgical Box

Implants Compatibility	CC e TC
Ref. No.	7103996
Note	Indications for use: I box for instruments surgical are sterilizable in autoclave at 134 ° C.

Multysystem Complete Surgical Set

Mechanical Driver CC

Mechanical Driver TC-N

Mechanical Driver TC-R

Manual Connector CC

Manual Connector TC-N

Manual Connector TC-R

Ø 4,0 L. 13,0

Ø 4,0 L. 15,0

Ø 4,0 L. 10

Ø 4,0 L. 11,0

Ø 4,0 L. 11,5

Ø 4,0 L. 5,0

Ø 4,0 L. 6,0

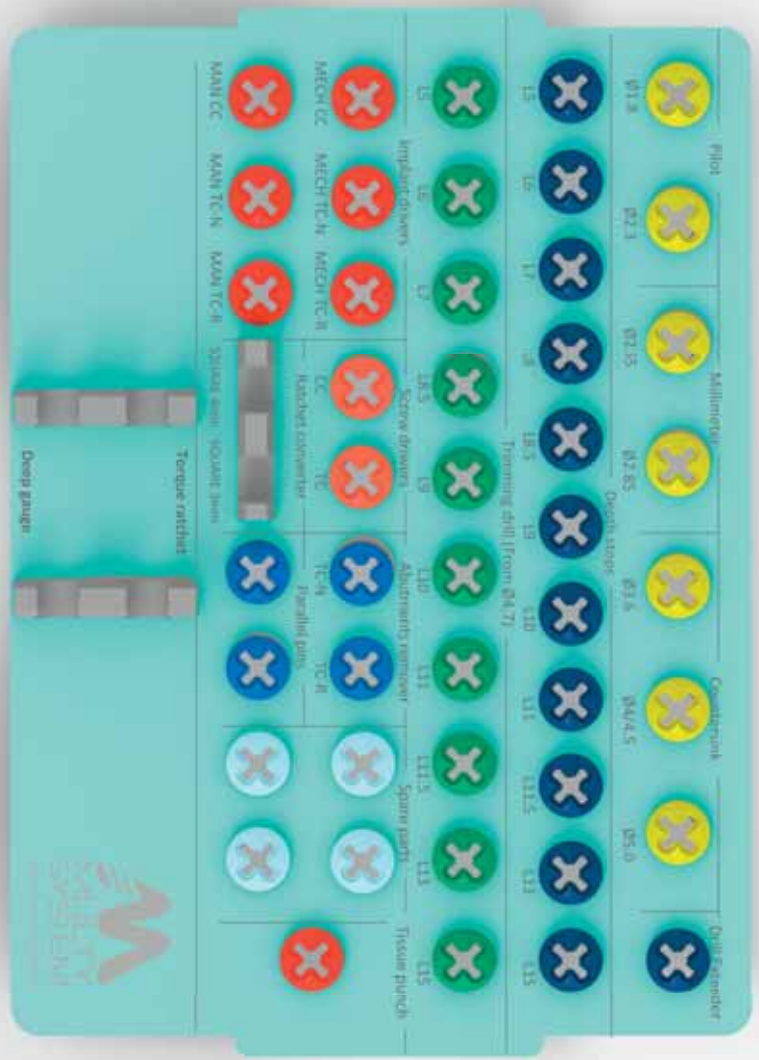
Ø 4,0 L. 7,0

Ø 4,0 L. 8,5

Ø 4,0 L. 9,0

Manual Screwdriver CC

Manual Screwdriver TC



Centering Drill

Cortical Drill

Millimetre Drill Ø 2.55

Millimetre Drill Ø 2.85

Countersink Ø 3.60

Countersink Ø 4.00/4.50

Countersink Ø 5.00

Drills Extension

Abutment extractor

Abutment extractor

Indicator Direction

Indicator Direction

Converter square4

Converter square 3

Mechanical Mucotome

Dynamometric ratchet

Alveolus / Cortical Sizer

Stop L. 10.00

Stop L. 11.00

Stop L. 11.50

Stop L. 13.00

Stop L. 15.00

Stop L. 5.00

Stop L. 6.00

Stop L. 7.00

Stop L. 8.00

Stop L. 8.50

Stop L. 9.00

Complete Surgical Set

Implants Compatibility		CC e TC
	Ref. No.	7100023
	Set Type	Complete Surgical Set
Qty.	Ref. No.	
1	7103995	Complete Surgical Box
1	7410125	Short centering drill Ø 1,8
1	7410135	Short cortical drill Ø 2,3
1	7097401	Long millimetre marked first drill Ø 2,55 L. 17
1	7097417	Long millimetre marked trimming drill Ø 2,85 L. 17
1	7410100	Countersink ST Ø 3,6
1	7077402	Countersink Ø 4,0-4,5
1	7097402	Countersink Implants P-NST
1	7103070	Mechanical Drill Extension
1	7077405	Calibrated Final Drill Ø 2.85/4 mm length 5 mm PS-NST
1	7077406	Calibrated Final Drill length 06 Trimming marked TM
1	7077407	Calibrated Final Drill length 07 Trimming marked TM
1	7077458	Calibrated Final Drill length 8,5 Trimming marked TM
1	7077459	Calibrated Final Drill length 09 Trimming marked TM
1	7077460	Calibrated Final Drill length 10 Trimming marked TM
1	7077451	Calibrated Final Drill length 11 Trimming marked TM
1	7077452	Calibrated Final Drill length 11,5 Trimming marked TM
1	7077453	Calibrated Final Drill length 13 Trimming marked TM
1	7077455	Calibrated Final Drill length 15 Trimming marked TM
1	7105105	Stop depth length 5 for Millimetre marked drill
1	7105106	Stop depth length 6 for Millimetre marked drill
1	7105107	Stop depth length 7 for Millimetre marked drill
1	7105108	Stop depth length 8 for Millimetre marked drill
1	7105185	Stop depth length 8,5 for Millimetre marked drill
1	7105109	Stop depth length 9 for Millimetre marked drill
1	7105110	Stop depth length 10 for Millimetre marked drill
1	7105111	Stop depth length 11 for Millimetre marked drill
1	7105112	Stop depth length 11,5 for Millimetre marked drill
1	7105113	Stop depth length 13 for Millimetre marked drill
1	7105115	Stop depth length 15 for Millimetre marked drill
1	7103047	Mechanical Long connector for implants CC
1	9103047	Mechanical Long connector for implants TC-N
1	9103147	Mechanical Long connector for implants TC-R
1	7101010	Manual Long connector for implants CC
1	9113047	Manual Long connector for implants TC-N
1	9113147	Manual Long connector for implants TC-R
1	7103030	Long CC multipurpose hand screwdriver
1	9103030	Long TC multipurpose hand screwdriver
1	9090900	TC-R abutment extractor
1	9609000	TC-N abutment extractor
2	7103117	Direction indicator Ø 2.55-2.85 mm
1	7410110	Mechanical tissue punch Ø 4,2
1	7109901	Alveolus / Cortical Sizer
1	BC1	Dynamometric ratchet
1	BC1730	3x3 square converter dynamometric ratchet
1	BC1740	4x4 square converter dynamometric ratchet

Empty Surgical Box

Implants Compatibility	CC e TC
Ref. No.	7103995
Note	Indications for use: box for instruments surgical are sterilizable in autoclave at 134 ° C.

Surgical Set Monophasic Implants

Implants compatibility		Mini MFD • Mini MFS • MFD • MFD-L • MFS
	Ref. No.	7060011
		
	Type Set	Monophasic Implants
	Ref. No.	
1	7103000	Rachet
1	7062000	Mini Manual Extension
1	7062048	Mini Mechanical Extension
1	7102010	Long Universal Manual Extension
1	7103048	Universal Mechanical Extension
1	7410125	Short centering drill
1	7410120	Long centering drill
1	7062409	Trimming marked drill L.9 Mini
1	7062411	Trimming marked drill L.11 Mini
1	7062413	Trimming marked drill L.13 Mini
1	7062415	Trimming marked drill L.15 Mini
1	7062417	Trimming marked drill L.17 Mini
1	7097401	Millimeter Initial Drill L17 Ø 2,55
1	7097417	Millimeter Finishing Drill L17 Ø 2,85
1	7077415	Calibrated finishing Drill L15 Ø 4,00
1	8062010	Extension For Implants MFD-L
1	7063999	Box Mini

Empty surgical box

Implants compatibility	Mini MFD • Mini MFS • MFD • MFD-L • MFS
Ref. No.	7063999
Note	Indications for use: The boxes for surgical instruments can be sterilized in an autoclave at 134 ° C.

Implant Drive Unit

			
Type	LED	-	-
Description	Implant Drive Unit		
	Ref. No.		
	MiniUNIKO C.L	MiniUNIKO C	MiniUNIKO F
Note	• monitoring unit with a peristaltic pump • Autocalvable induction micro-engine LED • Multifunction rudder with variable speed • Two steril tubes for irrigation	• monitoring unit with a peristaltic pump • Autocalvable induction micro-engine LED • Multifunction rudder with variable speed • Two steril tubes for irrigation	• monitoring unit with a peristaltic pump • Autocalvable induction micro-engine LED • Pedal on/off • Two steril tubes for irrigation

Main features:
• Supply voltage: 230 V - 115 V ; 50/60 Hz • Power consumption: 109 VA • Electronically limited Torque: up to 80Ncm (32:1), 70 Ncm (20:1) • Speed: 400-40000 rpm (without reduction handpiece value) • Isolation: Class I, type BF • Max capacity peristaltic pump: 90 ml/min • 10 programs impostabili • Irrigation and led automatically or separately operated by the engine start
Immediate use and practicality:
• New practice PERISTALTIC PUMP: quick tube change and maximum efficiency • Touch keyboard and wide display • Multifunction rudder for the variable speed engine control/MiniUnico C.L & C), inversion of rotation, irrigation, recall of the 10 memorable programs. (optional in the MUN.F version)
High and constant performance in all condition:
• Brushless engine and next-gen electronic control • Precise setting of speed parameters (max 40.000 rpm) and torque (max 80 Ncm) • Sterilization: long term of the autoclavable parts (engine, cable e connector)
Weight and dimension:
• Weight 3 Kg. > Height (maximum point) 104 cm > Width 235 cm > Depth 255 cm

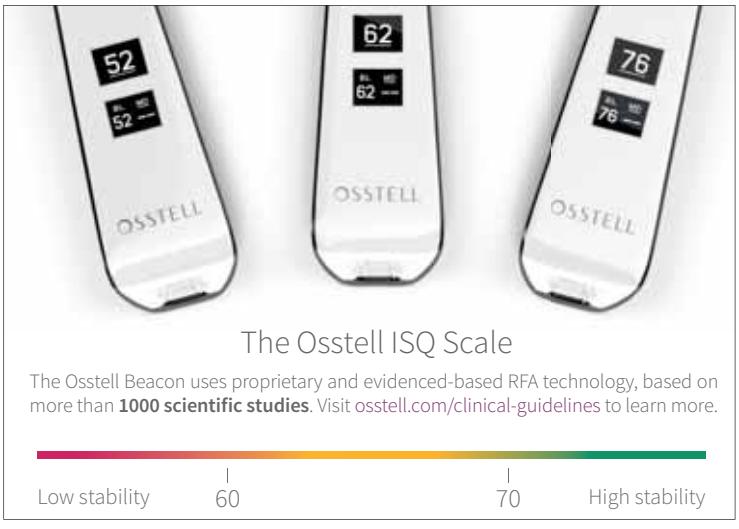
Handpieces for Implant Drive Unit

		 -
Type	LED lighting	
Description	Handpieces for Implantology	
	Ref. No.	
	C20L	C20
Note	Optic handpiece: for LED engines. reduction 20: 1, external and possible internal irrigation. Maximum strength. reliability for reaching the highest values of torque.	Classic handpiece: reduction 20: 1. external and possible internal irrigation. Maximum reliability and performances also because of the system with bearing in head.

Osstell Beacon

Osstell Beacon communicates in seconds when the implant is ready to be loaded.

- Evaluation of implant stability and degree of osseointegration
- Reduction of treatment times and better management of patients at risk
- Optimal and intuitive use of ISQ measurements
- Easy interpretation of results thanks to intuitive color coding on the ISQ scale
- Data extraction, file sharing and analysis of implant and therapeutic data via Osstell Connect



The Osstell ISQ Scale

The Osstell Beacon uses proprietary and evidenced-based RFA technology, based on more than **1000 scientific studies**. Visit osstell.com/clinical-guidelines to learn more.

Low stability 60 70 High stability

Management of exposed patients
Treatment times
Objective values for more predictable results with reduced risk factors

Maxweld Welding Machine

Maxweld is a medical device designed to weld implants directly into the oral cavity.

It is a very useful tool for all implantologists who practice the immediate loading technique. It is a quick solution to create partial or total arcade reconstructions in short times. The implants are joined with titanium bars to their abutments by means of casting; in this way a single structure is created that is able to absorb the stresses of the immediate load and subsequently of the superstructure.

The primary stability obtained is to avoid micromovements (above 100 microns) of the transcortical neck of the implant, whether it is monophasic or biphasic, so as to trigger pre-implant resorption.

Technical features

Weight	kg. 11.5 including cables and clamp
Base	Galvanized steel
Structure	ABS
Casing	Portable in polypropylene - 60x42x22 cm
Packaging	Double wall cardboard - 60x44x24
Voltage	230v - 240v
Frequency	50/60 Hz
Maximum power absorbed	250 W
Protection type	B
Insulation class	I
Power cord	2 mt.
Fuse	2 a
Electrical connector	Schuko plug
Available colours	White • Black

Advantages:

- Primary fixing and stability of the systems with maximum safety
- Early formation of a good marginal mucosal pericervical seal
- Immediate loading of implants with a surgical procedure
- Parallelism of the pillars of temporary installations
- No variation of traditional implantology techniques
- Significant reduction in the risk of system failure
- Delivery of the prosthetic device quickly and with less risk of fractures in temporary solutions thanks to the titanium structure

Endowment:

- Operational unit
- Clamp with cable
- Control pedal
- Shockproof case
- Power cord

T-Bar

Telescopic bar for immediate loading

Telescopic bar designed by Laser Tech for immediate loading, with which it is possible to create structures that are screwed without strain on implants, with inserts (optional) for tooth retention using the gluing technique without fusions and welds. It can also be used for screwed bridges. Available in medical steel, and Grade 5 Titanium. In the Titanium version, it is possible to weld the joints to the turrets of the implants.

Use the QR CODE and go to TBAR page

TBAR

T-BAR Components

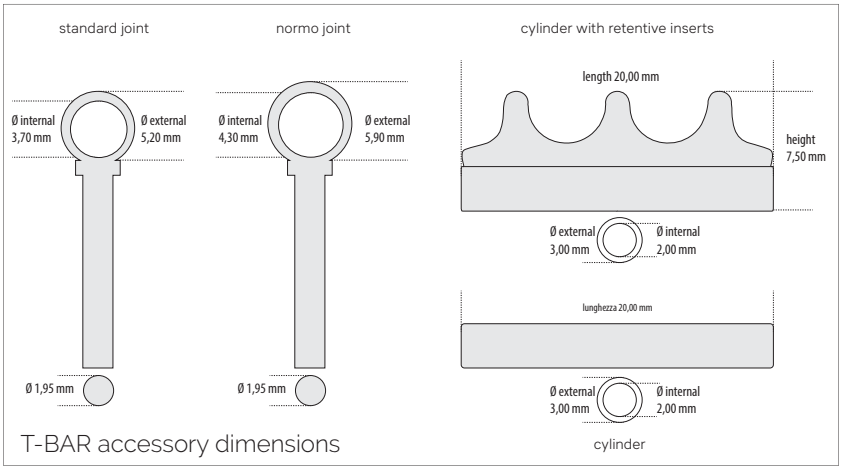
Stainless Steel joint

codifica Titanio

Titanium joint

cylinder

cylinder
with retentive inserts



T-BAR accessory dimensions

T-BAR TITANIUM PARTS

Ref. No.	Description	Package	
BT2i	Bar for 2 Implants with retentive inserts	2 joints standard Titanium 1 retentive cylinder	€ 18.00
BT4	Bar for 2 Implants	6 joints standard Titanium 3 cylinders	€ 45.00
BT4+	Bar for 4 Implants with Cantilever	8 joints standard Titanium 3 cylinders	€ 60.00
BT4i	Bar for 4 Implants with retentive inserts	6 joints standard Titanium 3 retentive cylinders	€ 48.00
BT6	Bar for 6 Implants	10 joints standard Titanium 5 cylinders	€ 75.00
BT6+	Bar for 6 Implants with Cantilever	12 joints standard Titanium 5 cylinders	€ 90.00
BT6i	Bar for 6 Implants with retentive inserts	10 joints standard Titanium 5retentive cylinders	€ 80.00
T-A	T-BAR Adapters	1 pair	€ 80.00

System Bar

Titanium bars for immediate loading

Medical grade 2 titanium bars for immediate loading. To be used with Titanium Grade 1 laser wire in all those cases where a union of the implant abutments is required.

Ref. No.	Description	Length	Qty.	Tot. length	Diameter	
LTBT15/10	Round Titanium Bar	10 cm	5 pcs	50 cm	Ø 1.5 mm.	€ 48,00
LTBT20/10	Round Titanium Bar	10 cm	5 pcs	50 cm	Ø 2.0 mm.	€ 48,00
LTBT25/10	Round Titanium Bar	10 cm	5 pcs	50 cm	Ø 2.5 mm.	€ 48,00
LTBT30/10	Round Titanium Bar	10 cm	5 pcs	50 cm	Ø 3.0 mm.	€ 48,00
LTBT15/15	Round Titanium Bar	15 cm	5 pcs	75 cm	Ø 1.5 mm.	€ 72,00
LTBT20/15	Round Titanium Bar	15 cm	5 pcs	75 cm	Ø 2.0 mm.	€ 72,00
LTBT25/15	Round Titanium Bar	15 cm	5 pcs	75 cm	Ø 2.5 mm.	€ 72,00
LTBT30/15	Round Titanium Bar	15 cm	5 pcs	75 cm	Ø 3.0 mm.	€ 72,00
BRT100	Rectangular Titanium Bar	10 cm	5 pcs	50 cm	Ø 4.0 x 2.0 mm.	€ 72,00

DualTech

methacrylic microhybrid bi-component cement

DualTech is an A3 White Covering Colour, microhybrid methacrylate cement. Its particular composition makes it self-curing and guarantees excellent opacity in all conditions of use. DualTech is used successfully both in the laboratory and in the studio in all circumstances where the cementing of metal parts such as the application of dental attachments, cementing of bridges and ceramic metal crowns, zirconium, lithium silicate and alumina - is necessary. In order to considerably increase adhesion between the parts to be cemented, the use of Primer P-TECH is recommended. We recommend the use of light curing lamps with an exposure of 20 to 30 seconds; however, it's also possible to exploit the self-curing capacity of DualTech with a 7 to 8 minute solidification time. DualTech is also an indispensable tool for working with the full range of TBar products as it is not only remarkably easy to apply but it is able to maintain its seal over time with reduced drying times and, above all, a total absence of retractions and twists that could compromise the integrity of the structure.

Ref. No.	Description	Package	
DUALTECH	Microhybrid methacrylate cem.	5 ml in syringe + 10 tips	€ 59,00
P-TECH	P-Tech Primer	5 ml in bottle + 10 brushes	€ 48,00

G-Tech

G-Tech Ethyl cyanacrylate

Low viscosity ethyl cyanoacrylate specific for plaster, metal, wax, resin and composites.

2 small bottle
of 20 Grams each

Ref. No.	Description	
GTECH	Ethyl Cyanoacrylate	€ 12,00

A-Tech

Accelerator for G-Tech

Accelerator for G-Tech reduces the setting times of ethyl cyanoacrylate.

1 spray can 200 ml

Ref. No.	Description	
ATECH	Acceleratore per G-TECH	€ 12,80

Let's Go To Digital

Let's Go To Digital

The digitalization of the dental world is in evolution, we support all your digital needs. Our digital solutions enable you to perform the full digital workflow, from planning to final restoration, withyour choice of Multysystem 3D guided surgery system and the leading CAD/CAM.

The Multysystem digital flow provides various operator access options:

• FULL OUTSOURCING MULTYSYSTEM SERVICE

Training, tutoring and complete coaching by our experts, both for software procedure and clinical and / or technical procedures.

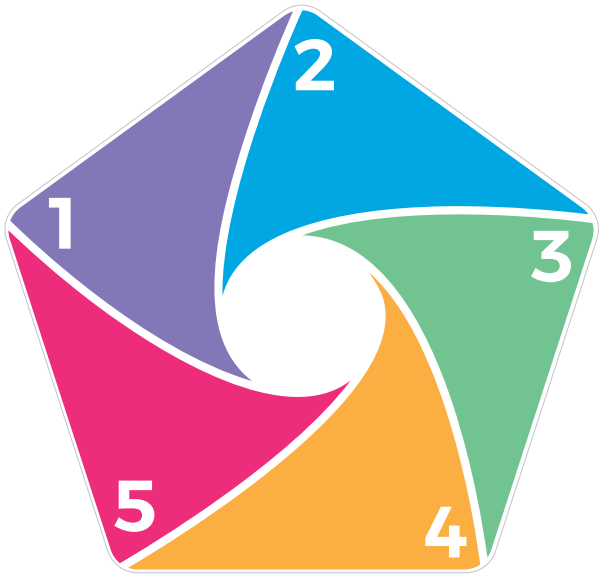
• PARTIAL OUTSOURCING MULTYSYSTEM SERVICE

Training tutoring and partial coaching by our experts, both for software procedures and clinical and / or technical procedures - possibility of access in one any of the flow steps.

• SUPPLY AND ASSISTANCE MULTYSYSTEM SERVICE

Supply of software and / or hardware with a complete service of assistance at all levels.

Multysystem
Digital Solutions



1 ANAMNESIS
CONE BEAM FILE IMPORT
MODEL SCANNING

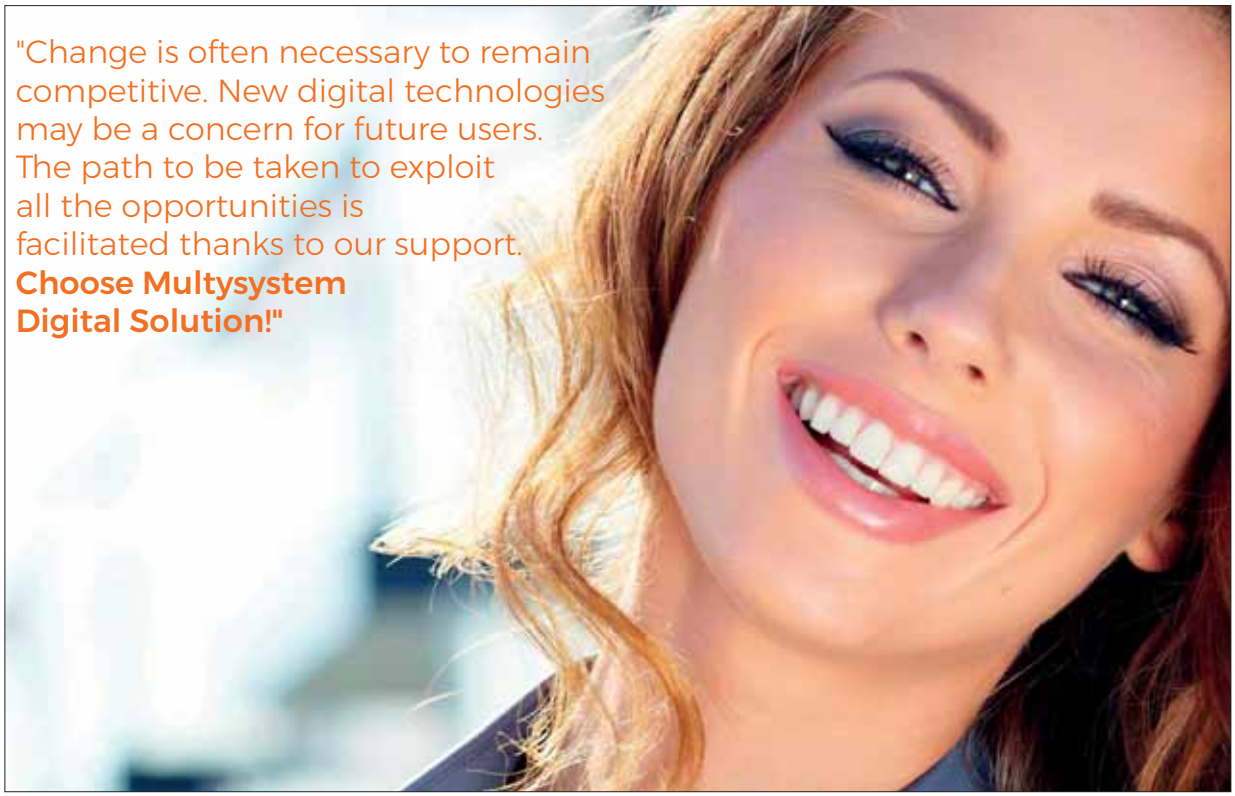
2 FILES MATCHING IMPLANT
PLANNING GUIDE PRODUCTION

3 GUIDED SURGERY

4 INTRAORAL SCANNING
CAD CAM

5 MILLING CENTER

"Change is often necessary to remain competitive. New digital technologies may be a concern for future users. The path to be taken to exploit all the opportunities is facilitated thanks to our support.
Choose Multysystem Digital Solution!"



ANAMNESIS
CONE BEAM FILE IMPORT
MODEL SCANNING

Anamnesis • Cone Beam File Import • Model Scanning

- Patient visit and clinical history
- TAC radiological examination (with Universal Stent in cases of edentulism)
- Scan of the study model
- Matching of Cone Beam and STL model files using Multysystem 3D software

Anamnesis

Model Scanning

Cone Beam

Universal Stent

FILES MATCHING IMPLANT PLANNING GUIDE PRODUCTION

Plan your case using Multysystem 3D guided surgery software

•After importing the Dicom of the CT scan into the software, before performing implant planning, you must enter the STL according to the type of protocol.
• Choose Multysystem's libraries according to our planning software
• Design individual treatment plan
• Choose the preferred Multysystem implant
• Position the implants according to patient's treatment plan and anatomy

Design the Surgical Guide based on implant position

• The surgical guide is printed based on your treatment plan
• Master sleeves are available in one diameter (5 mm) for all sizes of implants
• Fixation pins and securing sleeves are available to secure the guide in case of edentulous patients
• Join your guided procedure


Tube for Guided Surgery


Fixing pin


Tube pin

Tube & Pin

Ref. No.	Description	Qty.
4074300	Cannula for guided surgery template ø 5 internal / 6 external	1 pz
4074301	Template fixing pin for guided surgery	1 pz
4074302	Cannula for template fixation pin for guided surgery	1 pz

Sosftware Multysystem 3D

Ref. No.	Descrizione	Qty.
M03013D-MTY	Licenza	1

Implant Planning Software & Surgical guide creation

Multysystem 3D is the software that allows you to perform 3D implant simulation directly on your PC.

The software allows the user to simulate the position of implants on two-dimensional and three-dimensional models, identify the mandibular canal, trace panoramic views and sections of the bone model, view the three-dimensional bone model

and calculate bone density. With Multysystem 3D, the Dentist can plan implant-prosthetic surgery safely, efficiently and quickly.

Multysystem 3D enables the user to design surgical guides for computer-guided implant-prosthetic surgery for any type of protocol, whether it is mucosa supported, mucosa-dental supported, bone supported or based on double CT scan.

With just a few clicks, you can get an extremely precise and personalized surgical guide.

Simply select the edge of the surgical guide and the type of bush to use and you will generate the STL file ready to be printed with a 3D printer.

The advanced features allow you to add text to the surgical template, create inspection holes, and add text for easy identification of the printed surgical template.

In addition, it allows you to export the model for analogue models, properly drilled according to the implant system used and the size of the analogue models.

These are the system requirements to use Multysystem 3D: Hardware requirements
- Processor: Intel Core i5 minimum, Intel Core i7 or higher recommended (or compatible processors).
- RAM: 3GB minimum, 8GB or higher recommended.
- Video Card: 3D accelerated with OpenGL driver 3.2 or later, latest generation NVidia recommended (minimum resolution 1280x1024).
- Internet connection for activation and periodic check of the Operating System license
- Minimum: Windows 7 (64 bit), Windows 8 (64 bit), Windows 8.1 (64 bit).
- Recommended: Windows 10 Pro (64 Bit) or later

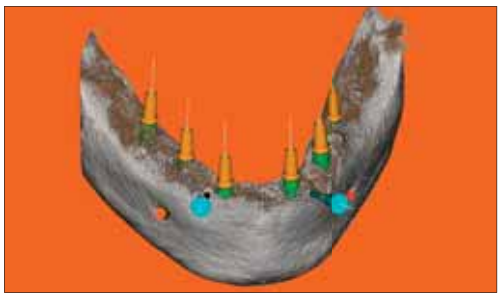
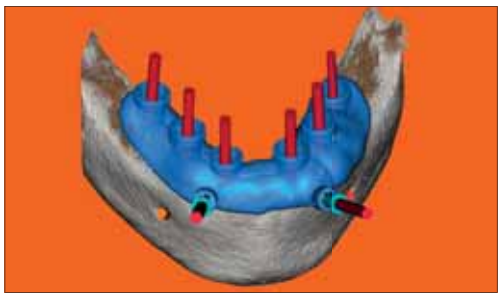
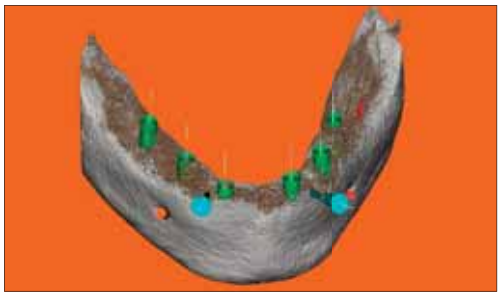
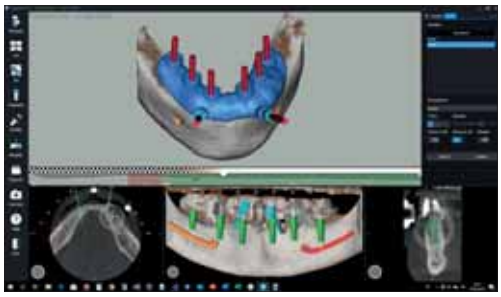
Universal Stent

Ref. No.	Descrizione	Qty.
US003-03	Universal Stent	3 pz

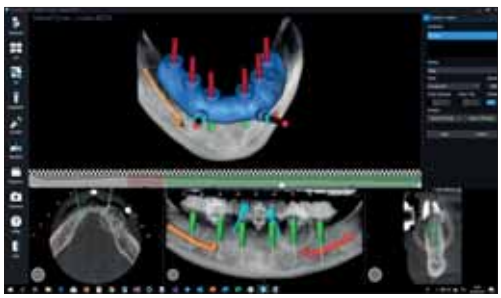
Universal Stent

Tool designed and patented by Media Lab® that allows the optimization of the alignment between CT acquisition and optical scanning.



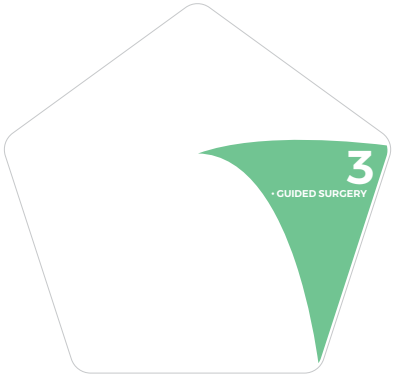










For more information
Photograph the QR-Code

GUIDED SURGERY



Perform the Surgery with the Multysystem Surgical Set

- Just a few drills and tools to perform the guided surgery procedure according to Multysystem implant drilling protocols
- Free hand-work after positioning the guide in place
- Simple and fast implant surgery
- One kit for all implant types and connections

* Each component can be purchased separately

COMPLETE Guided Surgery Set C

Implant Compatibility		CC e TC	
	Ref. No.	4079002	
	Nota	Including 1 Reduction ring for 1.0 mm drills	C B
	Tipo Set	Complete Guided Surgery Set	
Qty.	Ref. No.		
1	4023085	Calibrated drill Ø 2,3 mm for implants l. 8,5 mm	C B
1	4023090	Calibrated drill Ø 2,3 mm for implants l. 9 mm	C
1	4023100	Calibrated drill Ø 2,3 mm for implants l. 10 mm	C B
1	4023110	Calibrated drill Ø 2,3 mm for implants l. 11 mm	C
1	4023115	Calibrated drill Ø 2,3 mm for implants l. 11,5 mm	C B
1	4023130	Calibrated drill Ø 2,3 mm for implants l. 13 mm	C B
1	4023150	Calibrated drill Ø 2,3 mm for implants l. 15 mm	C
1	4029085	Calibrated drill Ø 2,9 mm for implants l. 8,5 mm	C B
1	4029090	Calibrated drill Ø 2,9 mm for implants l. 9 mm	C
1	4029100	Calibrated drill Ø 2,9 mm for implants l. 10 mm	C B
1	4029110	Calibrated drill Ø 2,9 mm for implants l. 11 mm	C
1	4029115	Calibrated drill Ø 2,9 mm for implants l. 11,5 mm	C B
1	4029130	Calibrated drill Ø 2,9 mm for implants l. 13 mm	C B
1	4029150	Calibrated drill Ø 2,9 mm for implants l. 15 mm	C
1	4038085	Calibrated drill Ø 3,8 mm for implants l. 8,5 mm	C
1	4038090	Calibrated drill Ø 3,8 mm for implants l. 9 mm	C
1	4038100	Calibrated drill Ø 3,8 mm for implants l. 10 mm	C
1	4038110	Calibrated drill Ø 3,8 mm for implants l. 11 mm	C
1	4038115	Calibrated drill Ø 3,8 mm for implants l. 11,5 mm	C
1	4038130	Calibrated drill Ø 3,8 mm for implants l. 13 mm	C
1	4038150	Calibrated drill Ø 3,8 mm for implants l. 15 mm	C
1	4074100	Lance-countersunk cutter	C B
1	4074110	Tissue Punch	C B
1	4074200	Fixing pin cutter ø 1,5	C B
2	4071010	Mounter CC	C
2	4071110	Mounter TC-N	C B
2	4071111	Mounter TC-R	C B
1	9609000	Extractor for Mounter TC-N	C B
1	9090900	Extractor for Mounter TC-R	C B
1	4071200	Millimetrate Bite gauge	C B
4	4074201	Pin di fissaggio mascherina per chirurgia guidata	C B
1	OGSBL	Bone level drill	C
1	7677403	Fresa bone mill basi diritte	C
1	7677404	Bone mill drill straight bases	C
2	7677405	Guide screw for Bone Mill Drills Multi Unit Bases	C
1	7102010	Long universal extension	C B
1	7103048	Universal mechanical extension	C B
1	BC1	Variable Torque Dynamometric Ratchet	C B
1	BC17030	3x3 Square Converter for Dynamometric Ratchet	C B
1	4010000	Guided Surgery Box	C B

BASIC Guided Surgery Set B

Implant Compatibility	CC e TC
Ref. No.	4079001
	Guided Surgery Basic Set B

INTRAORAL SCANNING CAD CAM

Intraoral oral Scanning / CAD CAM

• Reusable Scan Bodies for laboratory and intraoral scanning • Scan Bodies accurately capture the position, angle and depth of implants • Digital information recorded during scanning is used with all CAD and CAM software to plan and produce prosthetic parts • Scan Body with dual use for laboratory and / or intraoral scanning •

Scan Body available for CC (internal hexagon) and TC (conometric connection) platforms also for screwed prostheses. • Multysystem mathematics are available for the main CAD / CAM systems.

Please refer to our updated list of supported systems available on our website:
www.multysystem.com

• A variety of T-Bases for Cement and Screw-retained restorations on single or multiple implants
• Premilled blanks for monolithic restoration planning with Multysystem's original connection for precise fit
• Adhesive coping / direct mounting screw for screw-retained restorations
• Analogs for 3D printed models.

Bases for gluing - T BASE

	Complete with through screw			Complete with through screw		
Abutment Height	4,5 mm			15.0 mm		
Material: Titanio Treatment: Oxidation of Titanium						
Prosthetic connection:	ST	NST	TM	ST	NST	TM
Ø Maximum Conicity	Ø 3,8 mm					
Ø Minimum taper	Ø 3,5 mm					
Implant Compatibility	ST 1.0 • P-ST • PS-ST	NST 1.0 • NST 2.0 • PS-NST • P-NST	TM 1.0 • TM 2.0	ST 1.0 • P-ST • PS-ST	NST 1.0 • NST 2.0 PS-NST • P-NST	TM 1.0 • TM 2.0
Description	Non-rotating gluing bases			Rotating gluing bases		
	Ref. No.					
	7621080	7096680	7076680	7621085	7096685	7076685
Note	Bonding interface with pre-formed original connection					

Pre-Milled

	Complete with through screw
	Antirotazione
Material: Titanium	
Prosthetic connection:	ST NST TM
Implant Compatibility	Tutti Impianti CC
Description	Pre-Milled per Fresatore
	Ref. No.
	7624581
	Millable abutment with original connection preformed for ARUM milling machine

Scan Body

	Complete with through screw
Abutment Height	12,0 mm
Material: Titanium	
Description	Scan Body
	Ref. No.
	8610000
Note	Usable with Intraoral scanner and Desk Scanner

Scan Body Multi Unit

	Complete with through screw
	10,0 mm
	
	Scan Body Multi Unit
	Ref. No.
	8671001
	Usable with Intraoral Scanner and Desk Scanner

Digital Analog

Material: Titanium			
Prosthetic connection:	ST NST	TM	Multi Unit
Maximum diameter	Ø 4,0 mm	Ø 4,5 mm	Ø 5,0 mm
Implant Compatibility	ST 1.0 • P-ST • PS-ST NST 1.0 • NST 2.0 • PS-NST • P-NST	TM 1.0 • TM 2.0	
Description	Digital Analog		Multi Unit Digital Analog
	Ref. No.		
	8615001	8615002	8671500
Note	Analog for molded models with fixing screws included		

T BASE

Complete with through screw

Type	Rotating		Anti-rotation	
Material: Titanium Treatment: Oxidation of Titanium				
Abutment Height	4,5 mm			
Prosthetic connection:	TC-N	TC-R	TC-N	TC-R
Maximum Taper Diameter	Ø 3,8 mm			
Minimum Taper Diameter	Ø 3,5 mm			
Implant Compatibility	TC-N	TC-R	TC-N	TC-R
Description	Rotating T BASE		T BASE anti-rotation	
	Ref. No.			
	9621081	9096681	9621080	9096682
Note	Bonding interface with connection preformed original			

Switch bases for CAD CAM • activated conometry

Complete with through screw

Abutment Height	6,5 mm							
Material: Titanium Treatment: Oxidation of Titanium								
Prosthetic connection:	TC-N	TC-N	TC-N	TC-N	TC-R	TC-R	TC-R	TC-R
Neck height	1 mm	1 mm	2 mm	2 mm	1 mm	1 mm	2 mm	2 mm
Rotating/Non Rotating	Rotating	Not Rotating	Rotating	Not Rotating	Rotating	Not Rotating	Rotating	Not Rotating
	Switch bases for CAD CAM • conometry activated •							
	Ref. No.							
	9621083	9621082	9621085	9621084	9096684	9096683	9096686	9096685
Note	Bonding interface with pre-formed original connection							

Switch bases for CAD CAM • conometry not activated •

Complete with through screw

Abutment Height	6,5 mm			
Material: Titanium Treatment: Oxidation of Titanium				
Prosthetic connection:	TC-N	TC-N	TC-R	TC-R
Neck height	1 mm	2 mm	1 mm	2 mm
Rotating/Non Rotating	Rotating	Rotating	Rotating	Rotating
	Switch bases for CAD CAM • conometry not activated •			
	Ref. No.			
	9621086	9621087	9096687	9621088
Note	Bonding interface with pre-formed original connection			

DIGITAL prosthetic TC

Pre-Milled

Complete with through screw **€ 50,00**

Anti-rotation	
	
TC-N	TC-R
TC-N	TC-R
Pre-Milled for Milling Machine	
Ref. No.	
9626002	9628002
Millable abutment with original connection preformed for ARUM milling machine	

Scan Body

Complete with through screw **€ 40,00**

Abutment Height	12,0 mm	
Material: Titanium		
Prosthetic connection:	TC-N	TC-R
Description	Scan Body	
	Ref. No.	
	9600001	9090001
Note	Usable with Intraoral Scanner and Desk Scanner	

Scan Body Multi Unit

Complete with through screw **€ 40,00**

Abutment Height	10,0 mm
Material: Aluminum	
Prosthetic connection:	Universal
Description	Scan Body Multi Unit
	Ref. No.
	9670001
Note	Usable with Intraoral Scanner and Desk Scanner

Analogo Digitale

€ 27,00

Material: Titanium			
Prosthetic connection:	TC-N	TC-R	Multi Unit
Maximum diameter	Ø 4,0 mm	Ø 4,5 mm	Ø 5,0 mm
Implant Compatibility	TC-N	TC-R	
Description	Analogo Digitale		Analogo Digitale Multi Unit
	Ref. No.		
	9611501	9615001	8671500
Note	Analog for printed models with fixing screw included		

MILLING CENTER

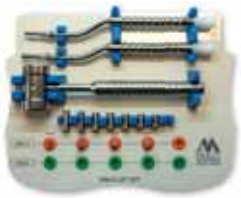
Multysystem lab points can provide you all the types of prosthesis:
- Individual abutments and single elements direct screw fixation technique
- Implant bridges (toronto type also direct screwing and bonding technique)
- Screw-in bars on implants suitable for attachments and threaded holes
- Maryland, california bridge, inlays and veneers
- Bridges and crowns

Customized Abutments

Milled Bridge

Sinus Lift - Biomaterials and Growth Factor Line

Sinus Lift Surgical box

Implants compatibility		All
	Ref. No.	7105099
		

Qty.	Ref. No.	Description
1	7450130	Pilot drill
1	7410050	Initial drill Ø 2,55 mm
1	7470151	Final drill Ø 2,95 mm
1	7470152	Final drill Ø 3,55 mm
1	7105024	Depth Stop R.S. L. 4 mm
1	7105025	Depth Stop R.S L. 5 mm
1	7105026	Depth Stop R.S. L. 6 mm
1	7105027	Depth Stop R.S L. 7 mm
1	7105028	Depth Stop R.S. L. 8 mm
1	7105029	Depth Stop R.S L. 9 mm
1	7105030	Depth Stop R.S L. 10 mm
1	7105002	Angled Osteotome Ø 2,95 mm for CC - ST - P-ST - NST Implants
1	7105003	Angled Osteotome Ø 3,55 mm for CC P-NST - TM Implants
1	7103090	Surgical Mallet
1	7105000	Surgical Box
Note	Complete surgical set for the elevation of Maxillary sinus at minimum invasivity	

Empty Sinus Lift Box

	
Description	Empty Sinus Lift Box
	Ref. No.
	7105000

Angled Osteotome

Material: Steel		
Diameter	Ø 2,95 mm	Ø 3,55 mm
Description	Angled Osteotome	
	Ref. No.	
	7105002	7105003

Surgical mallet

Material: Steel	
Description	Surgical Mallet
	Ref. No.
	7103090

Sinus Lift Drills

Diameter	-	Ø 2,55 mm	Ø 2,95 mm	Ø 3,55 mm
Material: Surgical Steel				
Description	Pilot Drill	Initial Drill	Final Drill	
	Ref. No.			
	7450130	7410050	7470151	7470152

Depth Stop R.S.

Material: Surgical Steel							
	4,0 mm	5,0 mm	6,0 mm	7,0 mm	8,0 mm	9,0 mm	10,0 mm
Height (length) Stop	Initial drill Ø 2,55 mm • Final drill Ø 2,95 mm e Ø 3,55 mm						
Drills compatibility	Ref. No.						
	7105024	7105025	7105026	7105027	7105028	7105029	7105030

Gli stop di profondità si possono applicare sulle frese al fine di determinare con precisione la profondità massima di fresatura.

SETS FOR THE OSTEOSYNTHESIS MICRO SCREWS AND PINS

Self-tapping micro screws for membranes

Made in titanium grade 5, the Self-tapping micro screws are used for stabilization of meshes, membranes or bone graft (in case of narrow spaces) in cases of bone regeration surgeries. Micro screws are available in 5 lenghts and in 1,4 mm diameter. Preparation of the site is done by using F10C Drill. CPCA screwdriver for hand piece is used to insert micro screws.

Ref. No.	Description	Dimension		Qty.
VA05	Self-tapping screws	1,4 mm	5,0 mm	5 pc.
VA07	Self-tapping screws	1,4 mm	7,0 mm	5 pc.
VA09	Self-tapping screws	1,4 mm	9,0 mm	5 pc.
VA11	Self-tapping screws	1,4 mm	11,0 mm	5 pc.
VA13	Self-tapping screws	1,4 mm	13,0 mm	5 pc.

Self-tapping screw

Accessories

Ref. No.	Description	Qty.
F10C	Ø 1.0 mm Drill	1 pc.
CPCA	AC screwdriver	1 pc.

Ø 1.0 mm Drill

AC screwdriver

Pins for membranes

Made of grade 5 titanium. Membrane tacks are intended for temporary membrane fixation during bone regeneration processes.
Available in 3 lengths. The application takes place via the AVC tool.

Ref. No.	Description	Dimension	Qty.
C27TP	Pins for membranes	2,7 mm	5 pc.
C31TP	Pins for membranes	3,1 mm	5 pc.
C35TP	Pins for membranes	3,5 mm	5 pc.

Pins for membranes

Accessories

Ref. No.	Description	Qty.
AVC	Pins inserter	1 pc.

Pins inserter

Titanium Mesh

Made of grade 2 titanium, it is intended to act as a temporary support to the materials for regeneration in bone reconstruction processes. It is drilled to allow fixing to the bone using self-tapping screws. Individually packaged, size 30x70 mm.

Ref. No.	Description	Dimension	Qty.
GT30-70	Titanium Mesh	30x70 mm.	1 pc.

Titanium Mesh

Osteosynthesis Tray

Ref. No.	Description	Qty.
TRAY OSV	Tray	1 pz.

Tray per osteosintesi vuoto

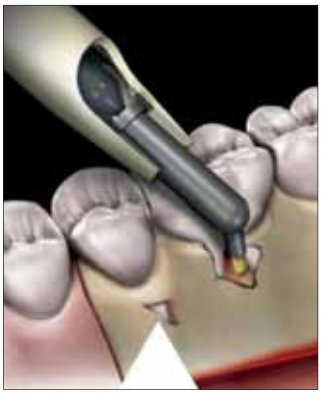
BIOMATERIALS

NOVABONE® The only solution for a predictable bone reconstruction

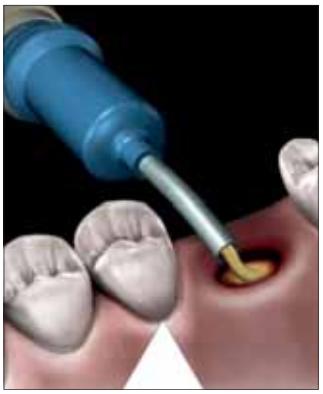
NovaBone Dental Putty increase the productivity thanks to its user-friendliness and excellent manipulative features and it also promotes the quick bone growth.

Ref. No.	Descrizione
EU1620	Novabone Dental Putty, 0,5cc x 2 - SYRINGE
EU4640	Novabone Dental Putty, 0,25cc x 4 – CARTRIDGE
EU3620	Novabone Dental Putty, 0,5cc x 2 - CARTRIDGE
EU3640	Novabone Dental Putty, 0,5cc x 4 - CARTRIDGE
EU3621	Novabone Dental Putty, 1,0cc x 2 - CARTRIDGE
NA4600	Dispenser cartridge 0,25cc
NA3600	Dispenser cartridge 0,5cc/1,0cc

Stabilization of implants



Periodontal defects



Conservation of alveoli

Procedures of sinus elevation

UBGEN® RE-BONE & SHELTER

A specific line of bone substitutes and cellular separator, whose aim is to favour the tissue regeneration in the operations of bone and reconstructive surgery.

Available in:

GRANULES cortico-cancellous

Granules vial **cortico-cancellous**:

grams **0,25** - granulometry **0,25-1 mm**
grams **0,5** - granulometry **0,25-1 mm**
grams **1,0** - granulometry **0,25-1 mm**
grams **2,0** - granulometry **0,25-1 mm**

grams **0,5** - granulometry **1-2 mm**
grams **1,0** - granulometry **1-2 mm**
grams **2,0** - granulometry **1-2 mm**

GRANULES cancellous

Granules vial **cancellous**:

grams **0,25** - granulometry **0,25-1 mm**
grams **0,5** - granulometry **0,25-1 mm**
grams **1,0** - granulometry **0,25-1 mm**
grams **2,0** - granulometry **0,25-1 mm**

grams **0,5** - granulometry **1-2 mm**
grams **1,0** - granulometry **1-2 mm**
grams **2,0** - granulometry **1-2 mm**

The following options are available for **cortico-cancellous and cancellous**

2 different grain sizes from 0,25 mm to 1,0 mm • from 1,0 mm to 2,0 mm
3 different grain sizes: 0,25 grammi • 0,50 grammi • 1,0 grammi

BLOCK cancellous

Block **size 10 x 10 x 10 mm**
Block **size 10 x 10 x 20 mm**

SYRINGE for granules cortico-cancellous

Syringe **da 0,25g for granules 0,25-1 mm;**
Syringe **da 0,50g for granules 0,25-1 mm;**
Syringe **da 0,50g for granules 1-2 mm.**

BIOMATERIALS - MEMBRANES IN BOVINE PERICARDIUM

UBGEN® MEMBRANA SHELTER

Shelter is a membrane in bovine pericardium of three-dimensional matrix which is totally absorbed by the organism without any inflammation process.

Shelter features:

resorption within 4-5 weeks thanks to the particular structure of the wide weft collagen;
- protection of the surgical wound and stabilization of the blood clot;
- indirectly promotes osteoblastic proliferation and periodontal ligament cells
- protecting the site from the colonization of soft tissues;
- stability to different types of suturing;
- practicality and ease of positioning (can be shaped for procedures that require a specific shape).

Dimensions and thickness:

l. 15 l. 20 a. 0,2 mm	l. 30 l. 25 a. 0,2 mm	l. 50 l. 30 a. 0,2 mm
l. 15 l. 20 a. 0,4 mm	l. 30 l. 25 a. 0,4 mm	l. 50 l. 30 a. 0,4 mm
l. 15 l. 20 a. 0,8 mm	l. 30 l. 25 a. 0,8 mm	l. 50 l. 30 a. 0,8 mm

BIOMATERIALS - MEMBRANES IN EQUINE COLLAGEN

BIOPAD® membrane in equine collagen

Inspired by nature

BIOPAD® is a collagen matrix, which is volumetrically stable, porous, absorbable and of equine origin, specifically studied for soft tissue regeneration.
BIOPAD® is a product thought as an alternative treatment for the connective tissue grafts, considered the reference technique in the procedures of soft tissue regeneration.3, 4, 5
This collagen matrix is designed for the soft tissue regeneration of the alveolar ridge around the natural teeth and implants.
a alveolare attorno a denti
BIOPAD® is used as a submerged structure for the increase of the soft tissue thickness.

Collagen-based
BIOPAD® is a collagen matrix, which is volumetrically stable, porous, absorbable and of equine origin.

Soft tissue integration
Animal models in vivo demonstrated a successful BIOPAD® integration in the surrounding soft tissue and its stability has been maintained.

Volume stability
The reconstituted collagen undergoes "smart" cross-linking to guarantee the device volume stability.

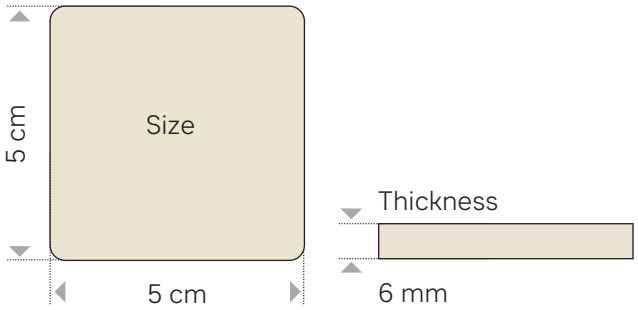
Support to the soft tissue formation
BIOPAD® porous net supports the angiogenesis, the new connective tissue formation and the stability of the submerged healing collagen net.

BIOPAD® membrane in equine collagen

Resorption period:
- 2/3 weeks by which time the membrane starts to degrade for Biopad
- 6/8 weeks by which time the membrane starts to degrade for Biopad MX

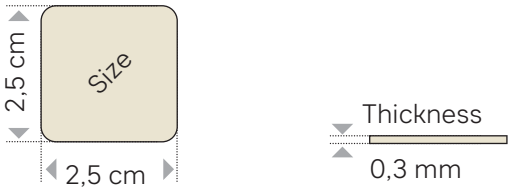
3 pieces pack

Ref. No.	Description
BIOPAD	Membrane in equine collagen Size 5,0 x 5,0 mm thickness 6,0 mm



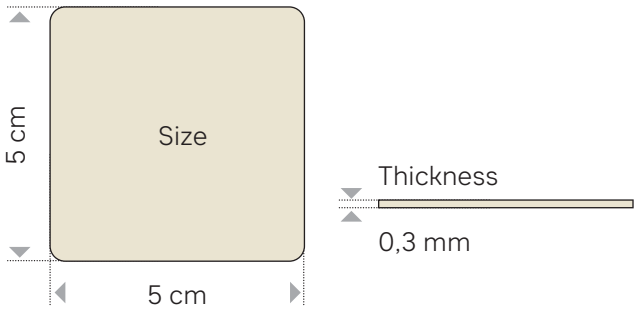
1 piece pack

Ref. No.	Description
BIOPADMX25	Membrane in equine collagen Size 2,5 x 2,5 cm thickness 0,3 mm



1 piece pack

Ref. No.	Description
BIOPADMX50	Membrane in equine collagen Size 5 x 5 cm thickness 0,3 mm



BIOMATERIALI - SEPARATORI DI PIASTRINE

GF-ONE KIT 01 DENTISTRY

Single-use Kit for the preparation and the application of the Platelet Gel, which contain:

4 blue vials with 9 ml anticoagulant
4 white vials with 9 ml fractionation
2 red vials with 9 ml activator of the serum
1 5 ml syringe
1 1 ml activator syringe
1 21G needle with safety butterfly for sample with preassembled luer and holder

APG® concentrate in dentistry

Many studies reveal that the use of the platelet concentrate, both single and in combination with other surgery techniques, or even as an implant support, improves the outcome and significantly increase the well-being and the speed of the patient recovery.

APG® methodology is used to:

• regenerate the bone in the alveolus after the tooth extraction • regenerate bone defects (periradicolar surgery)• regenerate the bone after the cyst removal • regenerate the bone around the implants and improve its osseointegration • maxillary sinus elevation • realize the surgery treatment of the osteonecrosis • speed up the healing process of the surgery injuries • reduce the inflammation and the post-operative pain
In all these treatments, the APG® adhesive nature simplifies the manipulation of the graft material, a better haemostasis and wound closure compared to the traditional technique.6. Furthermore, recent studies demonstrated that the use of the platelet concentrated plasm increase the microvascular proliferation in the early stages of recovery, followed by a better osteoblastic activity.

6. . Parikh B, Navin S, Vaishali P. A comparative evaluation of healing with a computed tomography scan of bilateral periapical lesions treated with and without the use of platelet-rich plasma.Indian J Dent Res 2011;22:497-498.

UBGEN® CENTRIFUGA GF-ONE®

Over-the-counter device specifically designed for the separation of the emocomponents. It is managed by a microprocessor which enable to set the speed [RPM] and centrifugation time, it is also possible to customize the programs.

Optional GF-ONE® centrifuge:

• rotor inox sheet 8 positions from 10/15 ml
• rotor inox sheet 4 positions from 10/15 ml
• rotor inox sheet 4 positions from 3/50 ml
• rotor inox sheet 12 positions from 2.5/5 ml
• 10/15 ml test tube support
• 30/50 ml test tube support
• 10 ml cuvettes bone taps

MEDIFUGE® CENTRIFUGE

• Medical device for intrinsic and extrinsic molecular union, mixing without changing the geometric dimensions of the autologous, heterologous or synthetic material, for medical use; • The system is used with liquid - semi-liquid - solid materials; • Perfect mixing, homogeneous without atmospheric contamination; • Automatic vacuum in seconds: max 16 seconds.

The patented kit contains the necessary for blood sampling and special dappen to facilitate the processing of blood components without any risk of contamination.
The kit is equipped with specific tools to create a fibrin membrane and to insert the clot in the implant site.

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Certifications

Explanation of symbols used in accordance with UNI CEI EN ISO 15223-1

STERILE R	Serilised by ionised rays		Expire Date year/month
2 STERILIZE	Not risterilise	NON STERILE	Not sterilised
2	Non-reusable		Warning
Σ 2	Multiple pack		Do not use if the pack damaged
LOT	Batch code	REF	Reference item code
	Read handbook before use		Producer

CE 0476 Product mark by Certification authority - Kiwa Cermet

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