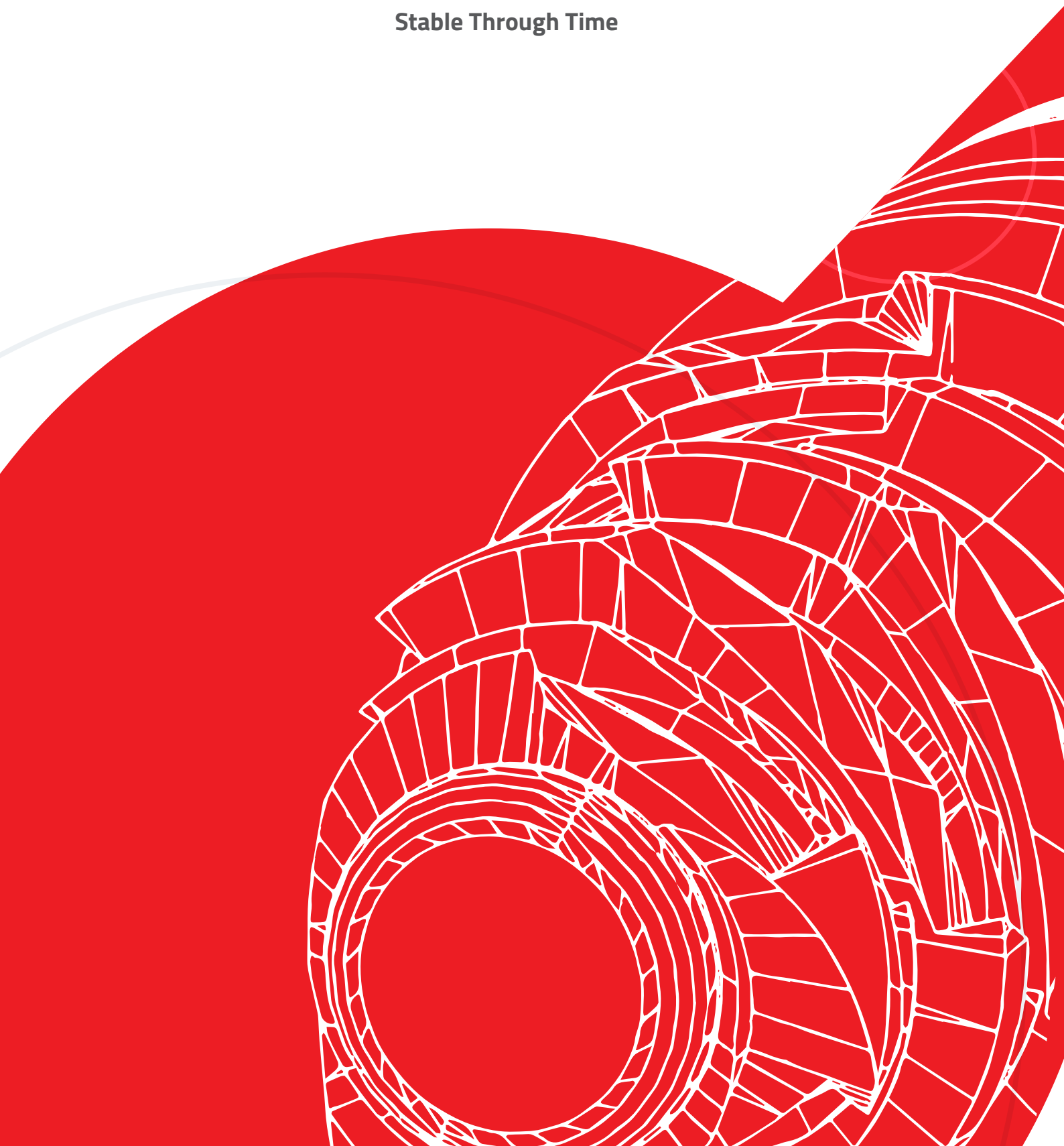
Exclusive Distributor
021-24816

iml

swiss dental implants

FDA MDR CE 2292 GMP ISO 13485

Stable Through Time



IMPLANT SYSTEMS

ABOUT US

The Swiss company IML SA Swiss Dental Implants was founded in 2009 by the synergy of professionals of the dental implantology field, creating a close-knit team with twenty-year experience in the design and production of implant systems with the highest quality standards.
The IML team continuously strives to find effective solutions for new implantology needs, ones that meet the expectations of the most demanding professionals.
Main aim: to offer oral implantology that is Simple, Safe and Stable through time.
These "3Ss" summarise the guidelines the Company has established for its own standards and are pursued in every action it takes every day.

Men, materials and machines

Only the best raw materials, the most advanced technology, and the best professionals.
These secrets of IML guarantee excellent products, free from manufacturing defects.

- Skilled operators able to develop a man-machine relationship able to optimise the features of their tools to achieve maximum performances
- Top quality titanium for medical use. grade 4 for implants and grade 5 for prosthetic parts. IML titanium is exclusively imported from the United States, is guaranteed free from manufacturing defects and radioactivity
- Mechanical production using latest generation sliding head machines

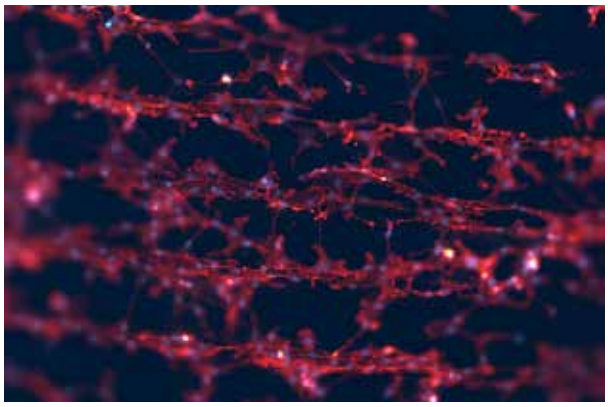
Mechanical excellence

How important is the well execution of the mechanical work in the connection of an implant or in the head of a screw?
Just as important as it is that the abutment remains well screwed to the implant.

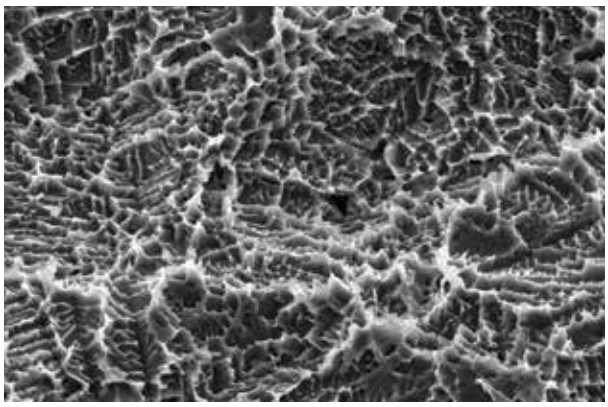
IML is fully aware of the issues generated by all types of production defects and knows how to resolve them, and above all, it knows how to obtain, and systematically repeat, a PERFECT MECHANICAL EXECUTION.

SLA surface treatment

The IML Research and Development team, in partnership with prestigious chemistry laboratories which specialise in implantology, has formulated the optimum surface treatment for their implants: the SLA treatment.
The performance monitoring has been entrusted to the Polytechnic of Turin and to the University of Turin, which also periodically check production lots.
IML SLA treatment is technically comparable to the best SLA® treatments, the most documented in the literature, and it is carried out using a sand-blasting technique, with different grain sizes, followed by etching of the surface using acid solutions.
The resulting surface has an appropriate structure for anchoring osteoblasts and promotes good integration of the implant with the bone tissue. In fact, this type of treatment suits any type of bone thanks to its ability to increase primary stability even in the presence of atrophic sites or compromised biological tissue.



Pic 1. Details of the cellular microstructure - branched and dendritic, with long filopodia and complex morphology - of an IML SLA treated implant.



Pic 2. Details under the microscope of the surface of an IML SLA treated implant.

cell adhesion and roughness:
laboratory analysis on IML SLA treated implants

ware of the key role played by the surface treatment in determining the speed and quality of osseointegration of a dental implant, IML has always invested considerable resources in designing surfaces that facilitate the cell adhesion. The tests carried out by the University of Turin on implants with IML SLA treatment confirm the effectiveness of the topography and of the surface chemistry developed by the IML Research and Development team.
According to reports of the University of Turin and in accordance with protocols of the international literature, 24 hours after cell seeding on Power and Power OM SLA treated implants, it is possible to appreciate the uniformity of the growth and of the cell adhesion over the entire implant surface.
Furthermore, observing by microscope the nuclei (marked in blue) and the cytoskeleton (marked in red), it is evident that after 24 hours the cells not only have a very branched growth, with long filopodia and a complex morphology, but they are also multiplying in number. These are all indicators of the cellular behaviour on the IML SLA treated surface. (Pic 1)

Another fundamental factor, determined by the surface treatment and constantly monitored by laboratory analysis, is the roughness, that is the result of the unevenness on the surface.
During the surface analysis on Power and Power OM implants, the CNR (National Research Council) of Turin examines the average roughness (Ra/Sa), the Skewness parameter (Rsk/Ssk), representing the prevalent symmetry, and the Kurtosis parameter (Rku/Sku), representing the indentation density.
The resulting values, in relation to the international literature, confirm that the IML SLA treated surfaces have an optimal roughness, homogeneously distributed. (Pic 2)

Decontamination

Even the decontamination process used for IML implants was developed in collaboration with the Research and Development team of our prestigious Italian universities partners.

This is a two-stage process, the second stage being composed of passing the implants through a plasma reactor. The "PLASMA REACTOR" project aimed to build a machine with suitable characteristics for treating dental implants and to define the optimal operating procedure and was conducted in close co-operation with the Department of Applied Science and Technology of the Polytechnic University of Turin and the Department of Surgical Sciences at the University of Turin's CIR Dental School.

Phase 1

- Objective: inorganic waste removal, mechanical machining, and surface treatments leave residues such as carbon and aluminium, universally considered possible causes of implants failing to osteointegrate
- Procedure: liquid solution treatment

Phase 2

- Objective: organic contamination removal, such as removal of pro-inflammatory agents
- Procedure: treatment using gas cleaning agents applied via an electro-chemical process performed in the plasma reactor


ASALAIR
VERTICAL 700

Quality checks

Control of quality or quality control? A play on words, useful in explaining that checking is not enough for IML.
Control in IML is synonymous with uncompromising elimination of all those components that present the slightest imperfection even if only aesthetic.
It means making a commitment to selling only very specific components in order to be "as precise as the Swiss".
It means that we must fully take on the cost of this commitment both pursued and maintained ethically and proudly by IML and by taking the patient's health and the surgeon's skills into consideration.

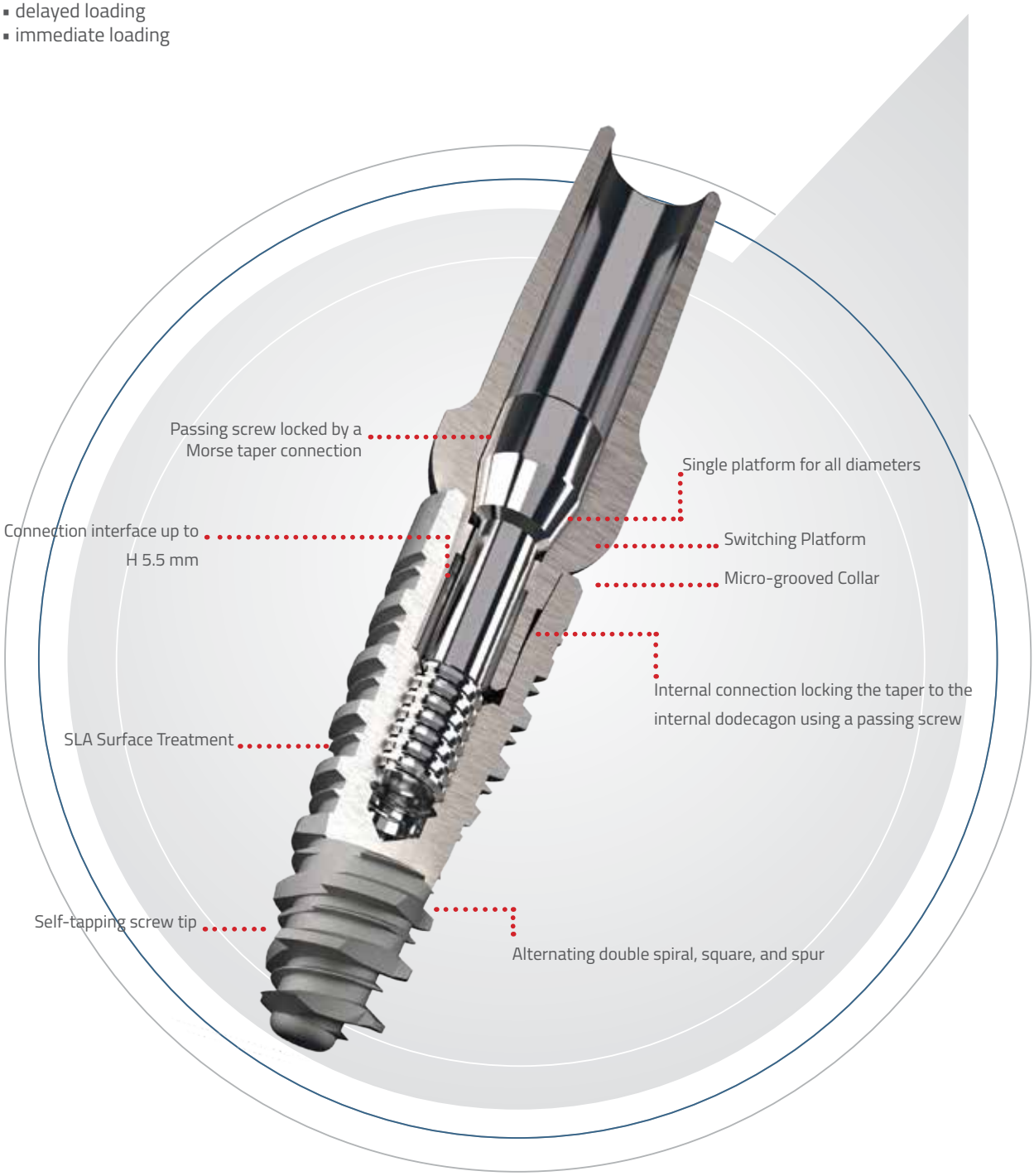
Process:

- Identification of each individual component's critical points.
- Drafting documents with a list of the critical points specific to each individual component indicating the sequence of checks to be carried out.
- Over 30 checks are performed on 100% of the components manufactured in the various manufacturing phases:
  - Dimensional controls;
  - Removal of burrs and dross;
  - Functional tests to remove non-perfect components are performed on 100% of the components.
- The operator signs off each check to certify that he or she accepts responsibility for the checks made.
- Regular laboratory analyses check conformity of implant surfaces.

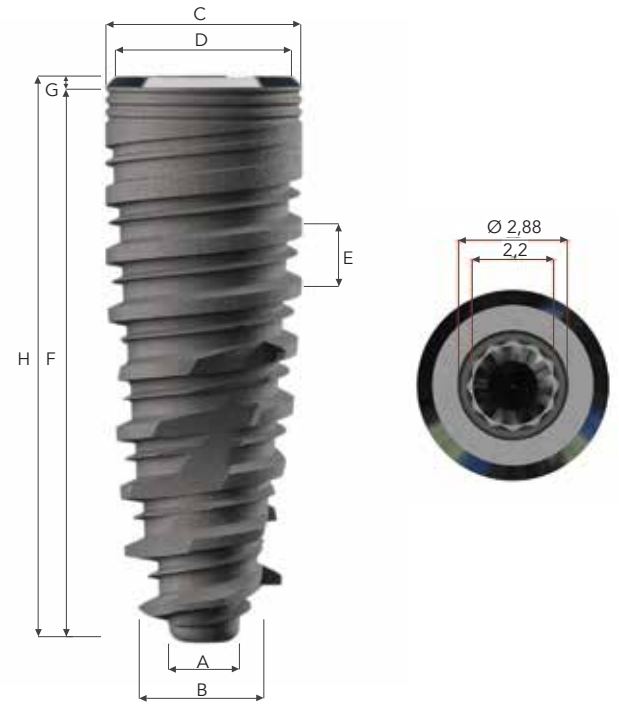
UNIVERSE SYSTEM

Best performance in the cases:

- any bone density
- post extraction
- delayed loading
- immediate loading



Universe implant



UNIT OF MEASUREMENT: mm

	A	B	C	D	E	F	G	H

CODE	IMPLANT MEASURE (Ø x H)	CORE Ø AT TIP	THREAD Ø AT TIP	IMPLANT Ø	INTERFACE Ø	THREAD PITCH	SURFACE TREATMENT H	SWITCHING PLATFORM H	IMPLANT H
IM34-8	3.4 X 8	1.35	2.75	3.7	3.3	1.2	7.8	0.2	8
IM34-10	3.4 X 10	1.35	2.75	3.7	3.3	1.2	9.8	0.2	10
IM34-11.5	3.4 X 11.5	1.35	2.75	3.7	3.3	1.2	11.3	0.2	11.5
IM34-13	3.4 X 13	1.35	2.75	3.7	3.3	1.2	12.8	0.2	13
IM34-15	3.4 X 15	1.35	2.75	3.7	3.3	1.2	14.8	0.2	15
IM40-6	4 X 6	1.95	2.9	4	3.6	1.2	6.1	0.9	7
IM40-8	4 X 8	1.45	3.15	4	3.6	1.2	7.8	0.2	8
IM40-10	4 X 10	1.45	3.15	4	3.6	1.2	9.8	0.2	10
IM40-11.5	4 X 11.5	1.45	3.15	4	3.6	1.2	11.3	0.2	11.5
IM40-13	4 X 13	1.45	3.15	4	3.6	1.2	12.8	0.2	13
IM40-15	4 X 15	1.45	3.15	4	3.6	1.2	14.8	0.2	15
IM45-6	4.5 X 6	1.8	3.45	4.5	3.9	1.2	6.1	0.9	7
IM45-8	4.5 X 8	1.8	3.45	4.5	3.9	1.2	7.8	0.2	8
IM45-10	4.5 X 10	1.8	3.45	4.5	3.9	1.2	9.8	0.2	10
IM45-11.5	4.5 X 11.5	1.8	3.45	4.5	3.9	1.2	11.3	0.2	11.5
IM45-13	4.5 X 13	1.8	3.45	4.5	3.9	1.2	12.8	0.2	13
IM45-15	4.5 X 15	1.8	3.45	4.5	3.9	1.2	14.8	0.2	15
IM50-6	5 X 6	2.2	3.8	5	4.2	1.3	6.1	0.9	7
IM50-8	5 X 8	2.2	3.8	5	4.2	1.3	7.8	0.2	8
IM50-10	5 X 10	2.2	3.8	5	4.2	1.3	9.8	0.2	10
IM50-11.5	5 X 11.5	2.2	3.8	5	4.2	1.3	11.3	0.2	11.5
IM50-13	5 X 13	2.2	3.8	5	4.2	1.3	12.8	0.2	13
IM50-15	5 X 15	2.2	3.8	5	4.2	1.3	14.8	0.2	15

NOTE:
Cover screw included

OPTIONAL:
The cover screw for bone ring can be purchased separately.

SURGICAL KITS

There are two surgical kit of the UNIVERSE implant system: CD (cylindrical drill surgical protocol) and TD (tapered drill surgical protocol).
Surgical boxes are designed for maximum simplicility of use and made entirely of plastic materials suitable for steam sterilisation.
The instrument positions are clearly labelled in order to facilitate identification during the surgical operation and to correctly replace them after the maintenance procedure. The silicon supports secure the instruments firmly during transportation and sterilisation.

The kit contains stops that allow drills to be used safely and they are suppy separately. Cylindrical drills and pilot drills are marked with indicators referring to implant height and drill stops.

All IML surgical instruments are manufactured in Surgical Steel of the highest quality that offers the best performance in terms of wear resistance and torque.
To follow carefully the directions of the surgical and prosthetic protocol and the instructions for cleaning and maintenance of the products ensures the optimal long-term performance and reliability for which products were designed.

Tapered drills KIT

Cylindrical drills KIT

Tools

Universe CD box for surgical instruments

BOX-UNCD

Universe TD box for surgical instruments

BOX-UNTD

Precision drill

H	U
∅ 0.5	SFYS18

Cylindrical pilot drill for Universe

∅ 2.0	SFYS19

Drill stops kit for pilot drill (6 pcs) for Universe TD

SFYS042

Drill extension

PR-FR

Guide pin

UN-PIN

Conical drill

Implant H

Implant ø	6	8	10	11.5	13	15
3.4	FC34-6	FC34-8	FC34-10	FC34-11.5	FC34-13	FC34-15
4	FC40-6	FC40-8	FC40-10	FC40-11.5	FC40-13	FC40-15
4.5	FC45-6	FC45-8	FC45-10	FC45-11.5	FC45-13	FC45-15
5	FC50-6	FC50-8	FC50-10	FC50-11.5	FC50-13	FC50-15

FC34-6 is designed for implant Ø4 h6

Red drill stops kit for drills
from Ø2 to Ø4 for UniverseCD

SFYS042

Green drill stops kit for drills
from Ø4.4 for UniverseCD

SFYS043

Cylindrical drill

Ø	
2.7	SFYS21
3.1	SFYS22
3.6	SFYS23
3.9	SFYS20
4.4	SFYS25
4.9	SFYS55

Implant driver for motor

H	
10	15
AVM-C	AVM-L

Multitool implant driver

H		
10	15	25
CCIB-10	CCIB-15	CCIB-25

Dynamometric ratchet

DN-I

Torque range: 15-45 Ncm

Fixed ratchet

CR-U

Multitool driver for screws

H	
10	15
CCIV-10	CCIV-15

Digital adapter for multitool driver

SFYS051

Motor driver for screws

H		
6	12	17
SFYS011	SFYS012	SFYS013

Smartpeg for implant

SM-PEG

Multitool remover for abutment

IMESTR-U1

Multitool driver for straight MUA

AMM-U

Motor driver for straight MUA

SFYS016

Threadformer

⦰	
3.4	MC34
4.0	MC40
4.5	MC45
5.0	MC50

Multitool driver for dynamic screw

H	
10	15
SFYS081	SFYS082

Motor driver for dynamic screw

H		
6	12	17
SFYS083	SFYS084	SFYS085

Preparation (Cylindrical drill surgical protocol)

The Universe CD Surgical Protocol has been developed to provide surgeons with indications on how to choose the most suitable instruments for implant site preparation, depending on the type of bone.
However, it is the duty of the surgeon to apply the most appropriate surgical protocol on the basis of his/her experience and following a thorough assessment of the clinical situation of the individual patient.
For the preparation of the implant site, IML has developed cylindrical drills with a tapered tip and depth marks in accordance with the length of the implant; they can be used with drill stops.
In case of dense D1 bone, adequate cortical bone preparation is essential in order to allow the implant to be inserted smoothly in the bone.

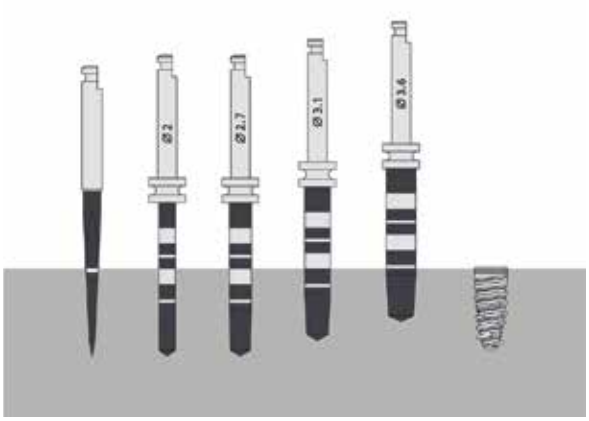


Fig. example of CD drilling sequence in dense bone of implant Ø3.4 h10
Consult the complete surgical protocol at www.iml.swiss

IMPORTANT:

- The implant must be positioned 1 mm under the bone crest;
- Drills prepare the site 0.7 mm more than the height of the implant;
- The implant is supplied complete with cover screw;
- Recommended torque max: 45 Ncm.

Preparation (Tapered drill surgical protocol)

The Universe TD Surgical Protocol has been developed to provide the surgeon with the most appropriate tools for bone compliance, and is also simple and practical.
The preparation of the implant site for the Universe implant is completed in 3 simple steps, after which the implant can be inserted easily:

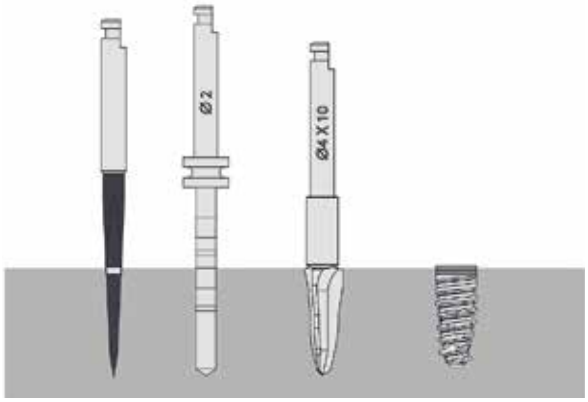


Fig. example of TD drilling sequence of implant Ø4 h10

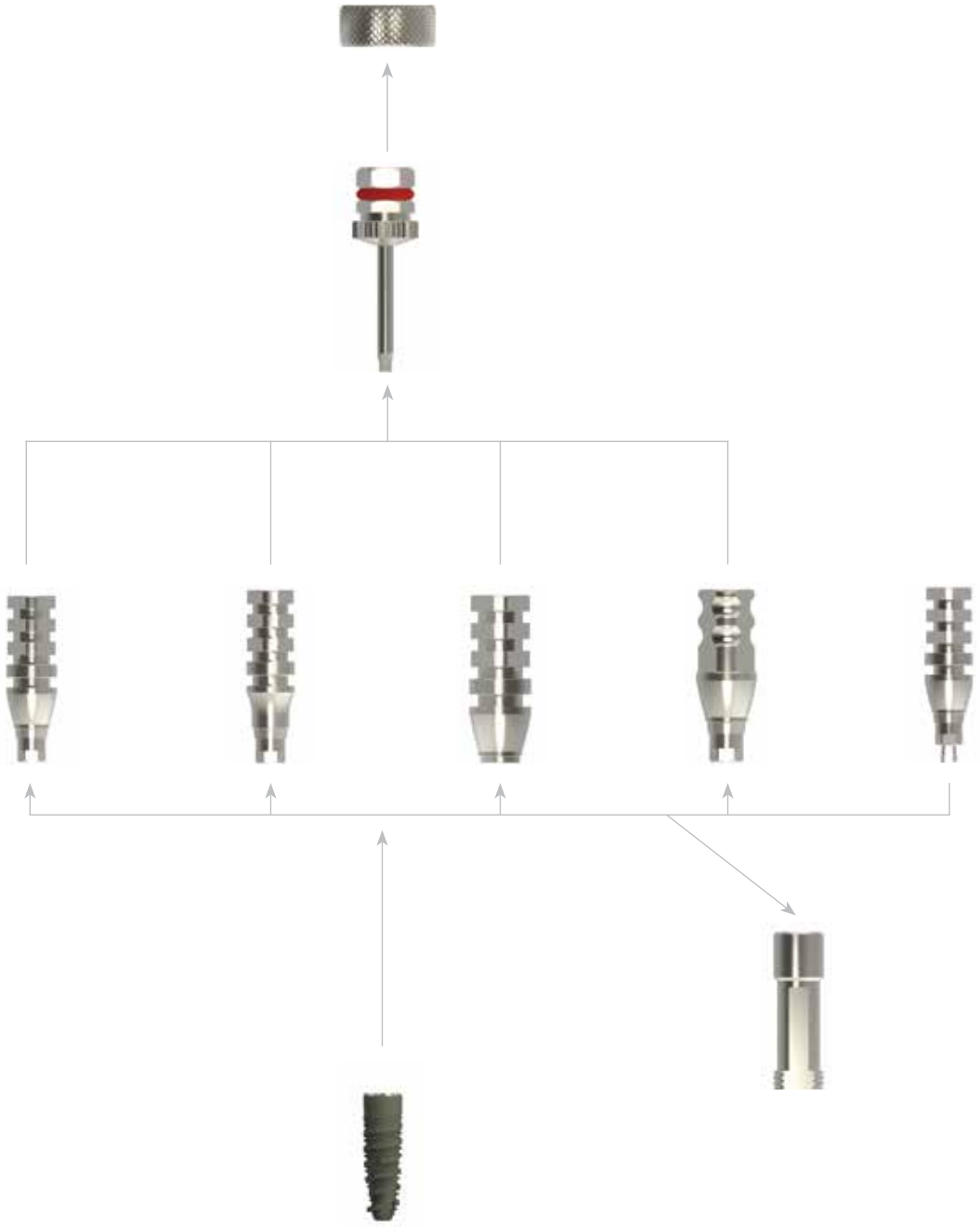
The preparation of the implant site is performed by tapered drills that optimise the bone available to place the implant, without waste.
These drills are sized at the core of each single diameter and height of the implant to facilitate the drilling protocol reducing it to three simple steps.
The particular tip shape guides the progressive advancement, respecting the bone and preparing a customized site. However, it is the duty of the surgeon to choose the most appropriate surgical protocol based on his or her experience following a thorough assessment of the individual patient's clinical situation.

IMPORTANT:

- The implant must be positioned 1 mm under the bone crest;
- Drills prepare the site 0.3 mm more than the height of the implant;
- The implant is supplied complete with cover screw;
- Recommended torque max: 45 Ncm.

	1° step	2° step	3° step
 Implant Ø3.4	Precision drill 	Pilot drill Ø2 	Drill Ø3.4 
 Implant Ø4	Precision drill 	Pilot drill Ø2 	Drill Ø4.0 
 Implant Ø4.5	Precision drill 	Pilot drill Ø2 	Drill Ø4.5 
 Implant Ø5	Precision drill 	Pilot drill Ø2 	Drill Ø5.0 

Impression taking workflow



Lab components

Open tray impression coping (*)

Platform	
U	TRA-U

Open tray impression coping (*)

Platform	
U	TRA-SL

Bridge open tray impression coping (*)

Platform	
U	TRA-P

Closed tray impression coping (*)

Platform	
U	TRA-C

Tear-off closed tray impression coping

Platform	
U	TRA-S

Disparallelism impression coping (*)

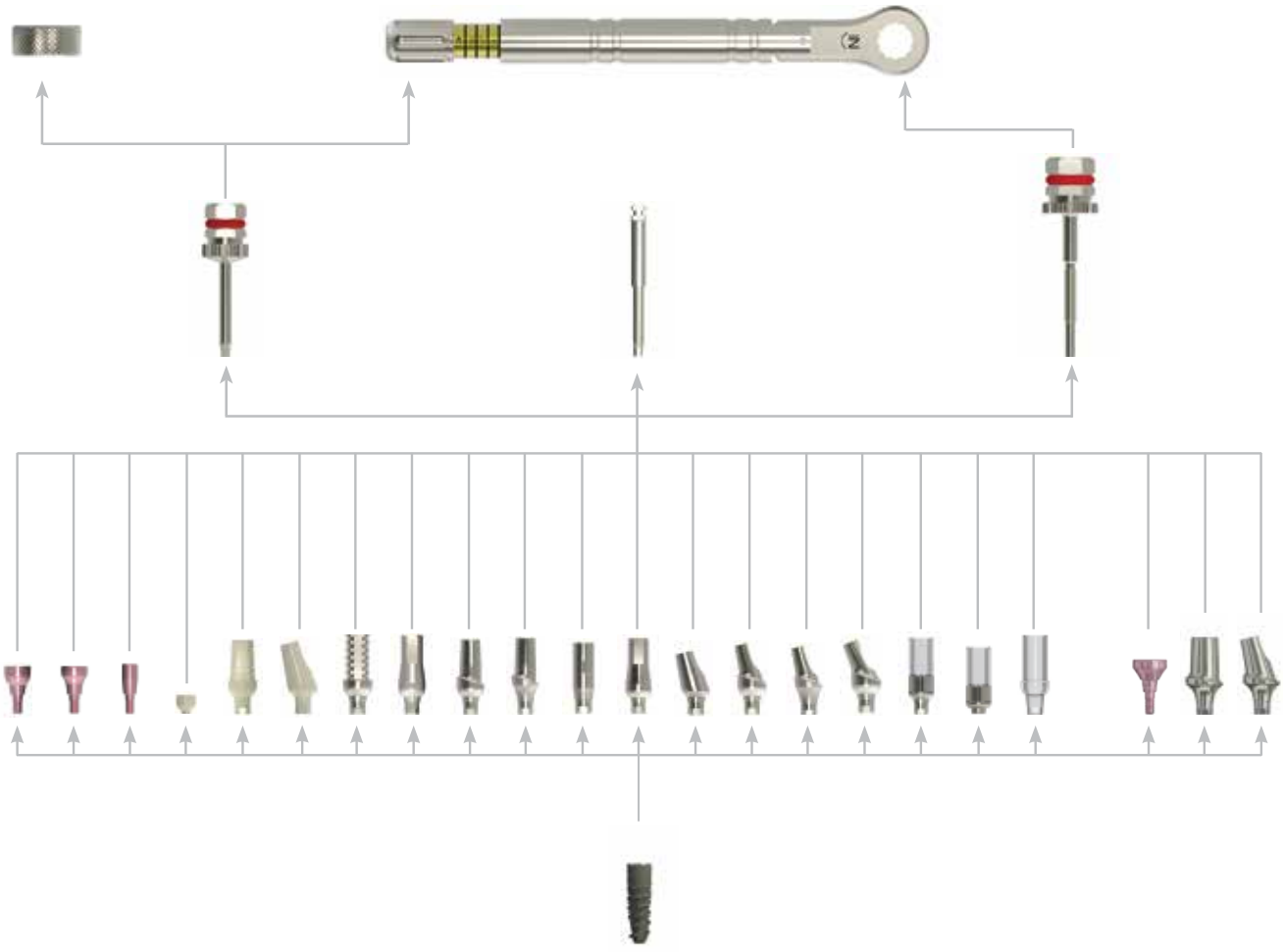
Platform	
U	TRA-D

Implant replica

Platform	
U	ANI-U

(*) Connection screw included.

Restoration workflow



Prosthetic parts

Healing screw

Platform	H 1	2	3	4	5
U	MGIU-1	MGIU-2	MGIU-3	MGIU-4	MGIU-5

Shift healing screw

Platform	H 1	2	3	4	5
U	MGIU-21	MGIU-22	MGIU-23	MGIU-24	MGIU-25

Slim healing screw

Platform	
U	MGIU-0

Bridge peek healing screw (*)

Platform	
U	MGIU-99

Peek temporary straight abutment (*)

Platform	H 0
U	MDIU-100

15° angled peek temporary abutment (*)

Platform	H 0
U	MIU15-100

Temporary straight abutment (*)

Platform	H 0
U	MDIU-101

Spare

Connecting screw for peek and temporary abutment

VT-K

Straight abutment (*)

Platform	H 0
U	MDIU-0

Aesthetic straight abutment (*)

Platform	H 1	2	3	4
U	MDIU-1	MDIU-2	MDIU-3	MDIU-4

Shift aesthetic straight abutment (*)

Platform	H 1	2	3	4
U	MDIU-21	MDIU-22	MDIU-23	MDIU-24

Slim straight abutment (*)

Platform	H 0
U	MDIU-013

Flat to flat straight abutment (*)

Platform	
U	MDIU-99

(*) Connection screw included.

15° angled abutment (*)

Platform	H: 0
U	MIU15-0

Aesthetic 15° angled abutment (*)

Platform	H: 1	2	3
U	MIU15-1	MIU15-2	MIU15-3

Aesthetic 25° angled abutment (*)

Platform	H: 0	1	2	3
U	MIU25-0	MIU25-1	MIU25-2	MIU25-3

Shift aesthetic 15° angled abutment (*)

Platform	H: 1	2	3
U	MIU15-21	MIU15-22	MIU15-23

EASY straight abutment (*)

Platform	H: 0	1	2	3	4
U	MDIU-300	MDIU-301	MDIU-302	MDIU-303	MDIU-304

EASY 15° angled abutment (*)

Platform	H: 0	1	2	3	4
U	MIU15-300	MIU15-301	MIU15-302	MIU15-303	MIU15-304

EASY 25° angled abutment (*)

Platform	H: 0	1	2	3	4
U	MIU25-300	MIU25-301	MIU25-302	MIU25-303	MIU25-304

(*) Connection screw included.

Non rotating Cr/Co base calcinable abutment (*)

Platform \ H	1
U	MDIU-70

Rotating Cr/Co base calcinable abutment (*)

Platform \ H	1
U	MDIU-71

Rotating Cr/Co base calcinable shift abutment (*)

Platform \ H	1
U	MDIU-73

Calcinable non rotating abutment (*)

Platform \ H	2
U	CALI-U

Spare

Connecting screw for abutment

VT-P

XL Prosthetic parts

XL healing screw

Platform \ H	1	2	3	4
U	MGIU-XL1	MGIU-XL2	MGIU-XL3	MGIU-XL4

XL aesthetic straight abutment (*)

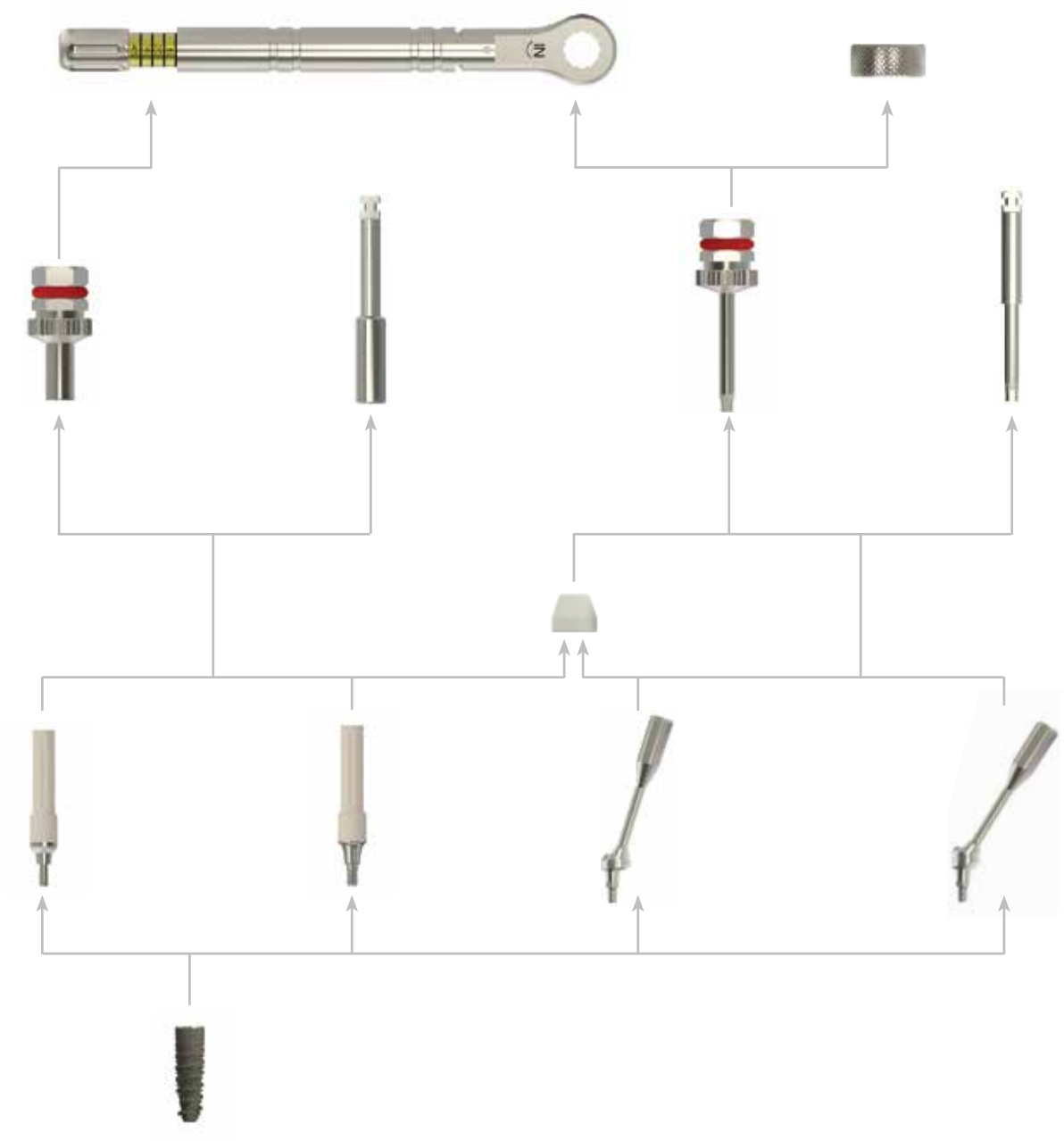
Platform \ H	1	2	3	4
U	MDIU-XL1	MDIU-XL2	MDIU-XL3	MDIU-XL4

XL aesthetic 15° angled abutment (*)

Platform \ H	1	2	3
U	MIU15-XL1	MIU15-XL2	MIU15-XL3

(*) Connection screw included.

MUA positioning workflow



MUA

Straight MUA

Platform	H 1	2	3	4	5
U	CDIU-1	CDIU-2	CDIU-3	CDIU-4	CDIU-5

Shift straight MUA

Platform	H 1	2	3	4	5
U	CDIU-21	CDIU-22	CDIU-23	CDIU-24	CDIU-25

17° angled MUA (*)

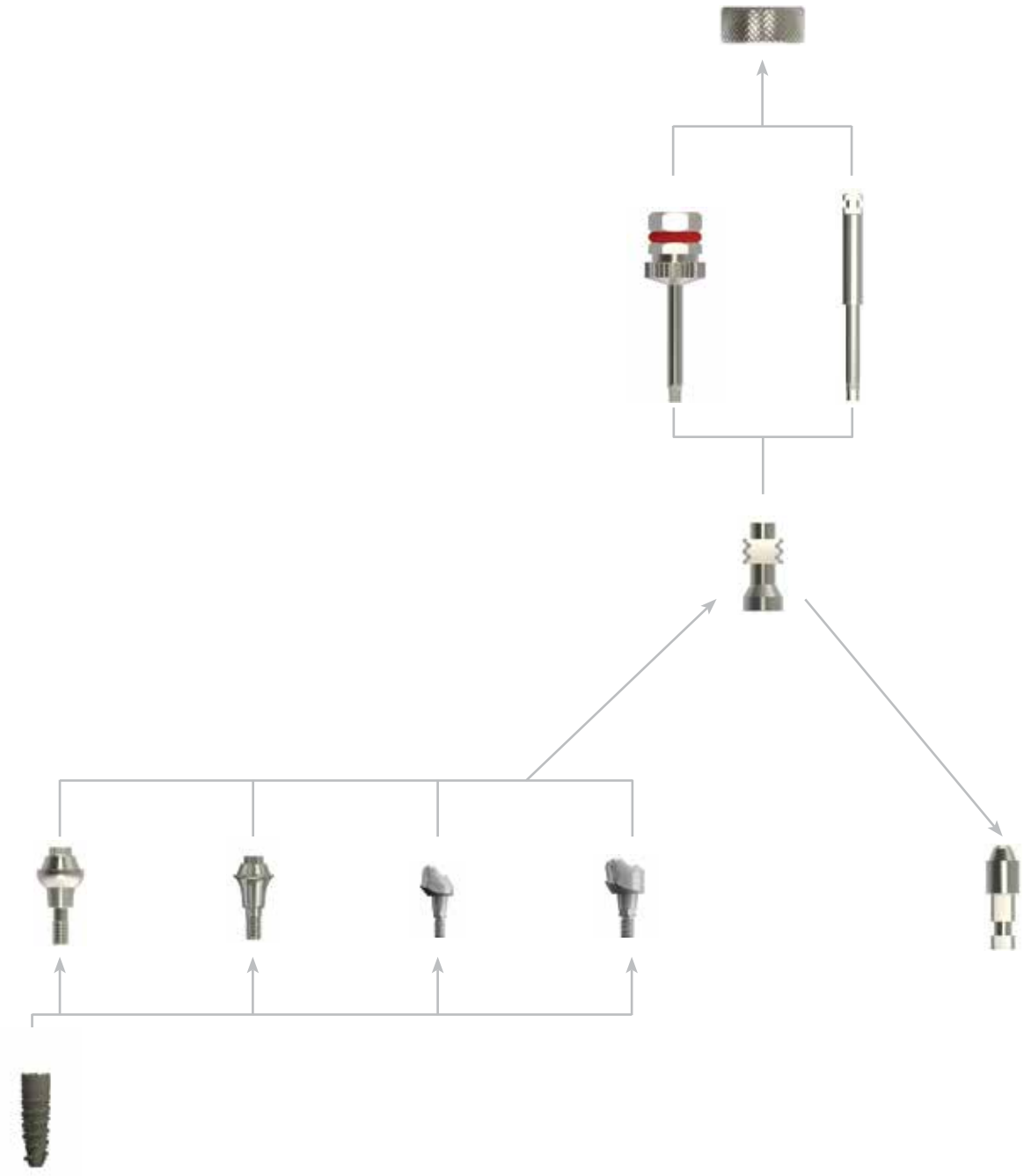
Platform	H 3	4
U	CIU17-3	CIU17-4

30° angled MUA (*)

Platform	H 3	4	5
U	CIU30-3	CIU30-4	CIU30-5

(*) Connection screw included.

MUA impression taking workflow



MUA lab components

MUA open tray impression coping (*)

SFYP076

OPTIONAL:
Long screw for MUA impression coping
H

20

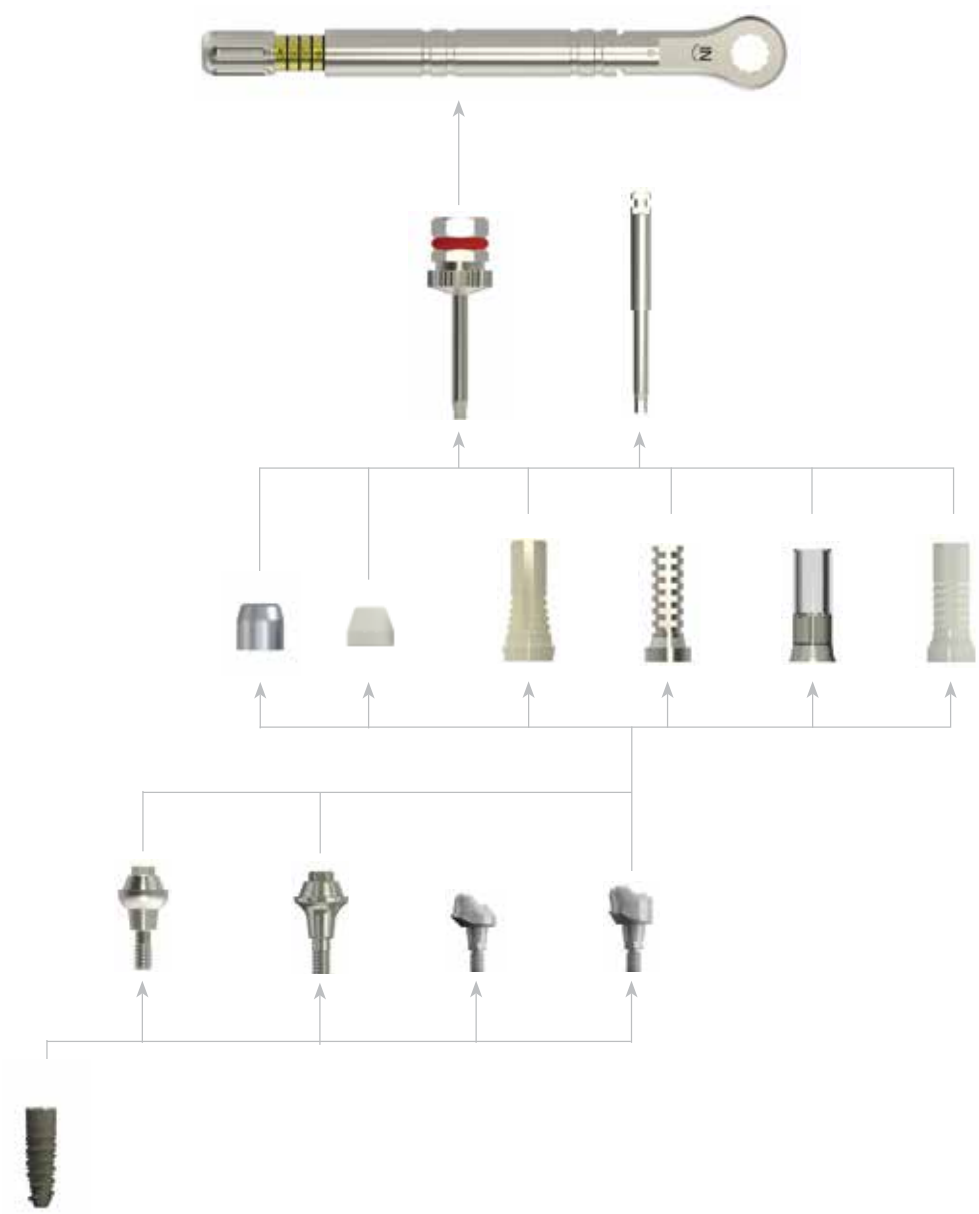
SFYV011

MUA replica

SFYP077

(*) Connection screw included.

MUA restoration



MUA prosthetic parts

MUA healing cap (*)

SFYP075

MUA titanium healing cap (*)

SFYP171

MUA peek temporary cylinder (*)

SFYP101

MUA titanium cylinder (*)

H	
0.8	1.5
SFYP203	SFYP078

MUA Cr/Co base calcinable cylinder (*)

SFYP100

MUA calcinable cylinder (*)

SFYP079

Spare

M1.4 connecting screw for MUA prosthetic parts

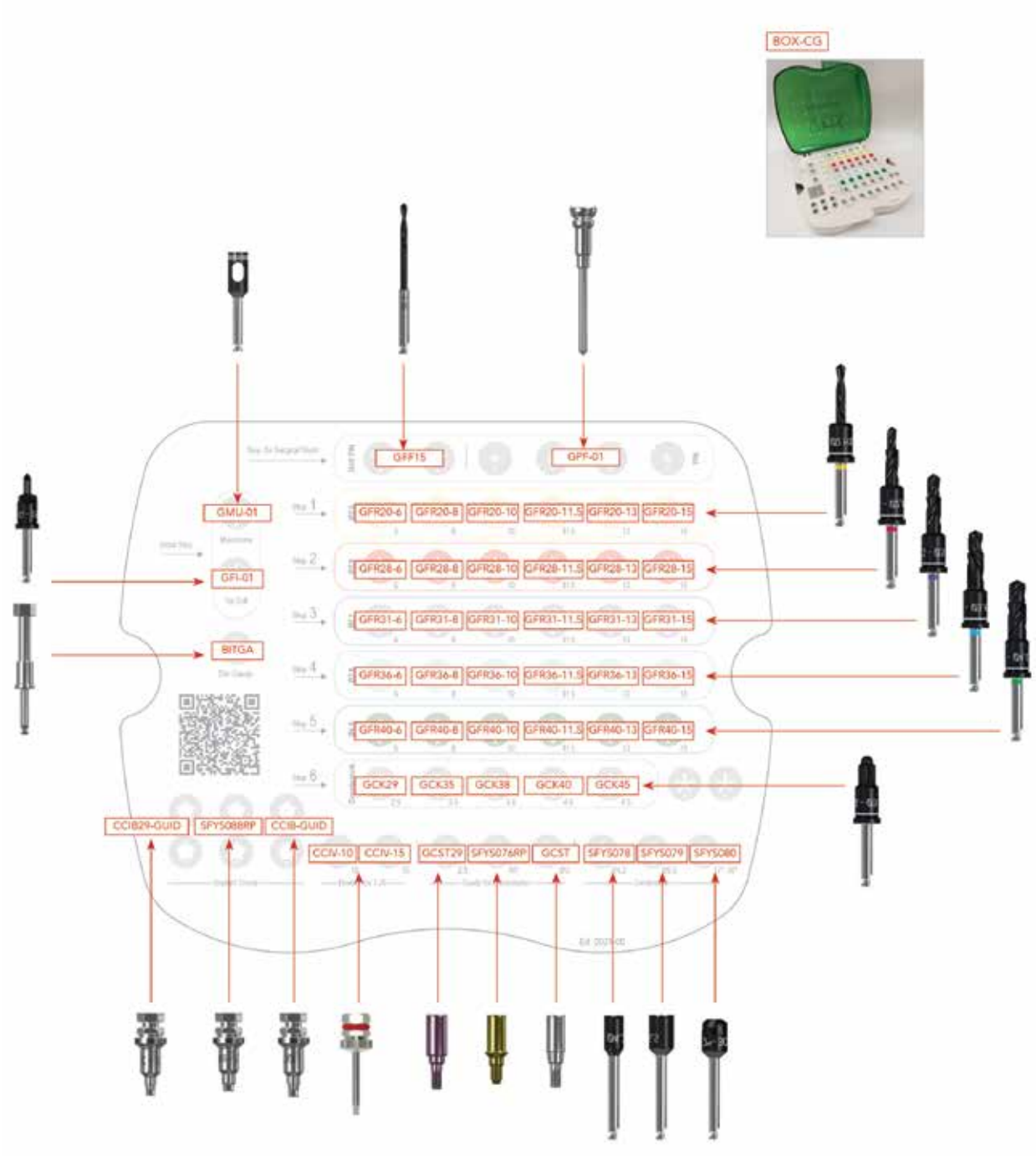
SFYV009

Max 15 Ncm

(*) Connection screw included.

CAD-CAM
DIGITAL DENTISTRY

One Guided Surgical Kit for All Implant Lines



* THE RATCHET IS IN THE TRAY BELOW

NOTE:
PLEASE PAY ATTENTION TO THE TOOLS
INSERTION DIRECTION
AS INDICATED IN THE PICTURES

Impression taking workflow

lab components

Scanbody ØU (*)

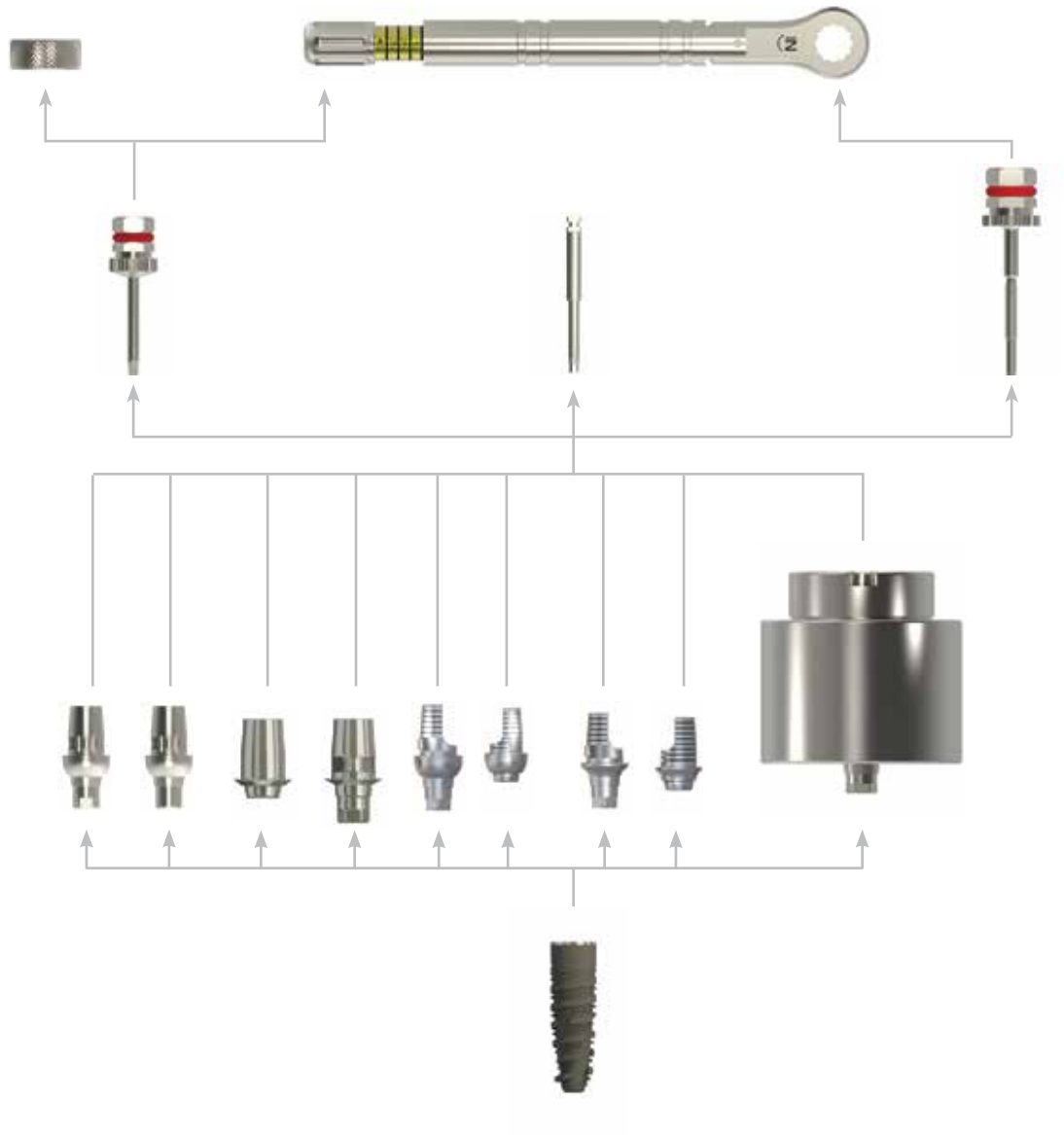
Platform		
	U	MDIU-80

CAD-CAM Implant replica ØU

Platform		
	U	ANI-CAD

(*) Connection screw included.

Restoration workflow



Non rotating TBase abutment (*)

Platform	H 1	2
U	MDIU-51	MDIU-52

Rotating TBase abutment (*)

Platform	H 1	2
U	MDIU-53	MDIU-54

Non rotating shift TBase abutment H0.5 (*)

Platform	H 0.5
U	MDIU-50

Rotating shift TBase abutment H0.5 (*)

Platform	H 0.5
U	MDIU-56

TBase 360 shift abutment (*)

Platform	H 0.5	1	2	3	4
U	MDIU-64-20	MDIU-65-21	MDIU-66-22	MDIU-67-23	MDIU-68-24

Non rotating shift TBase abutment (*)

Platform	H 1	2	3	4
U	MDIU-51-21	MDIU-52-22	MDIU-57-23	MDIU-58-24

Rotating shift TBase abutment (*)

Platform	H 1	2	3	4
U	MDIU-53-21	MDIU-54-22	MDIU-59-23	MDIU-63-24

(*) Connection screw included.

Non rotating angled TBase abutment (*)

Platform	H 1	H 2
U	MDIU-A51	MDIU-A52

Rotating angled TBase abutment (*)

Platform	H 1	H 2
U	MDIU-A53	MDIU-A54

Non rotating angled shift TBase abutment H0.5(*)

Platform	H 0.5
U	MDIU-A50

Rotating angled shift TBase abutment H0.5(*)

Platform	H 0.5
U	MDIU-A56

Non rotating angled shift TBase abutment(*)

Platform	H 1	H 2	H 3	H 4
U	MDIU-A51-21	MDIU-A52-22	MDIU-A57-23	MDIU-A58-24

Rotating angled shift TBase abutment (*)

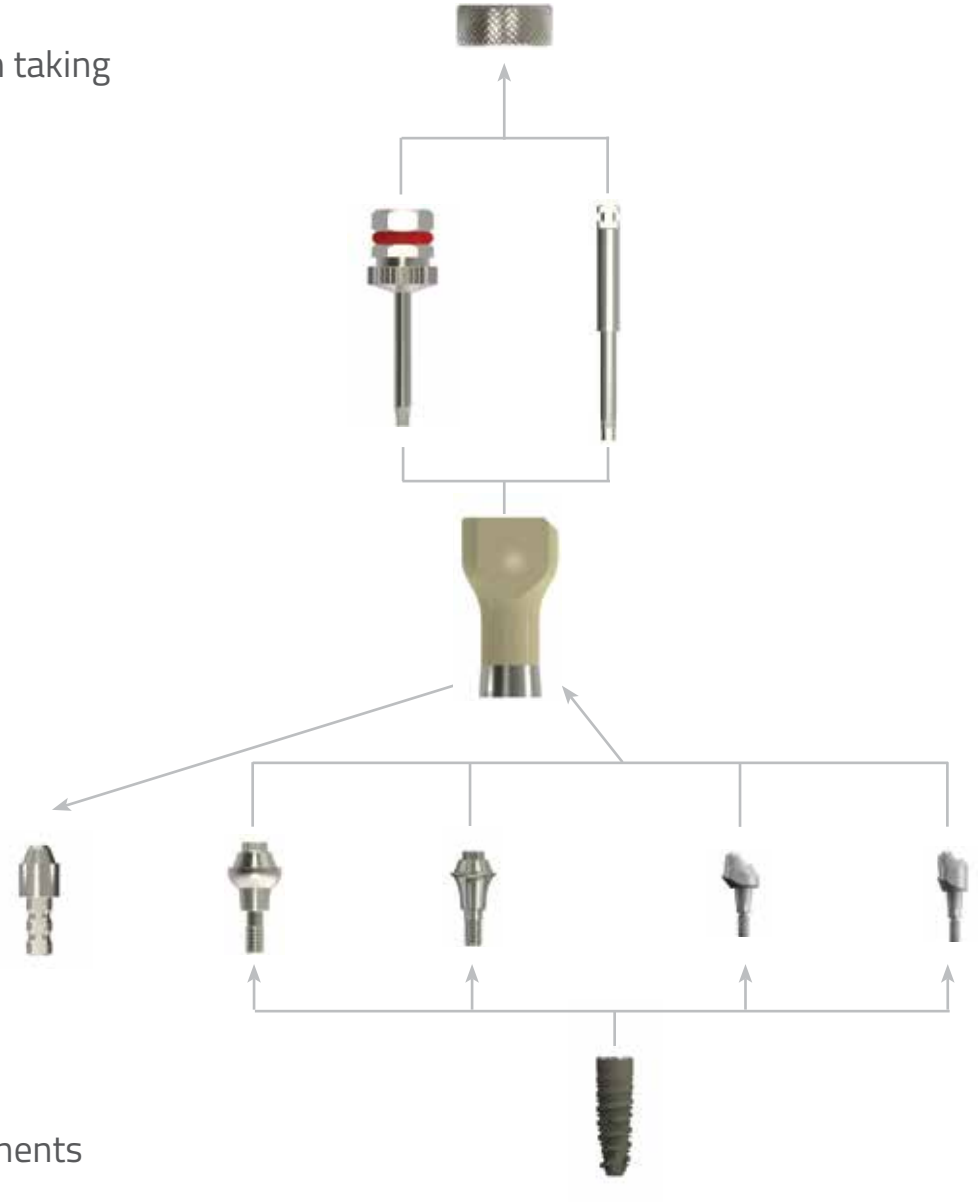
Platform	H 1	H 2	H 3	H 4
U	MDIU-A53-21	MDIU-A54-22	MDIU-A59-23	MDIU-A63-24

Premilled (*)

Platform	H 11.5	H 16
U	MDIU-60	MDIU-61

(*) Connection screw included.

MUA impression taking

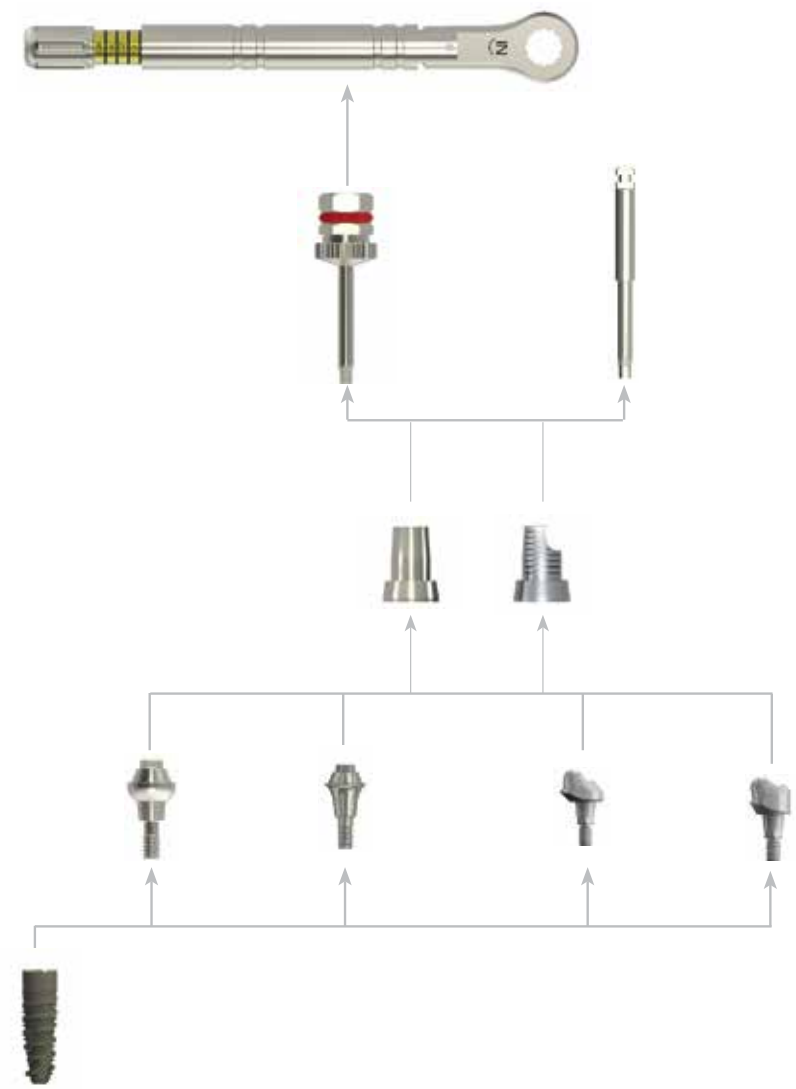


MUA lab components

	MUA scanbody (*)	SFYP147
	CAD-CAM MUA replica (*)	SFYP149
Spare 	CAD-CAM fixing screw for implant replica	SFYV031

(*) Connection screw included.

MUA restoration



MUA prosthetic parts

MUA Tbase abutment (*)

SFYP148

MUA angled rotating Tbase abutment (*)

SFYP213

Spare

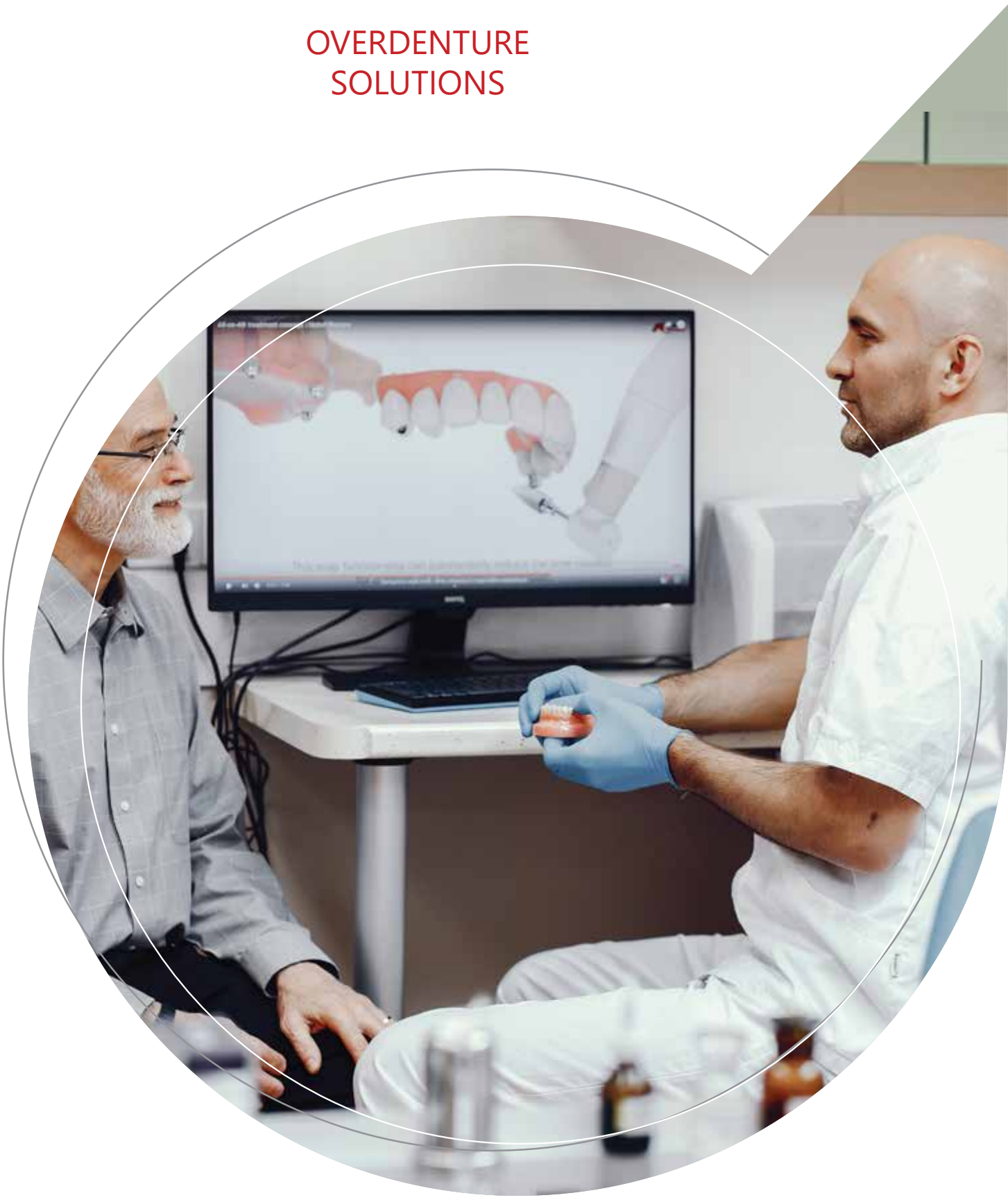
M1.4 connecting screw for MUA prosthetic parts

SFYV009

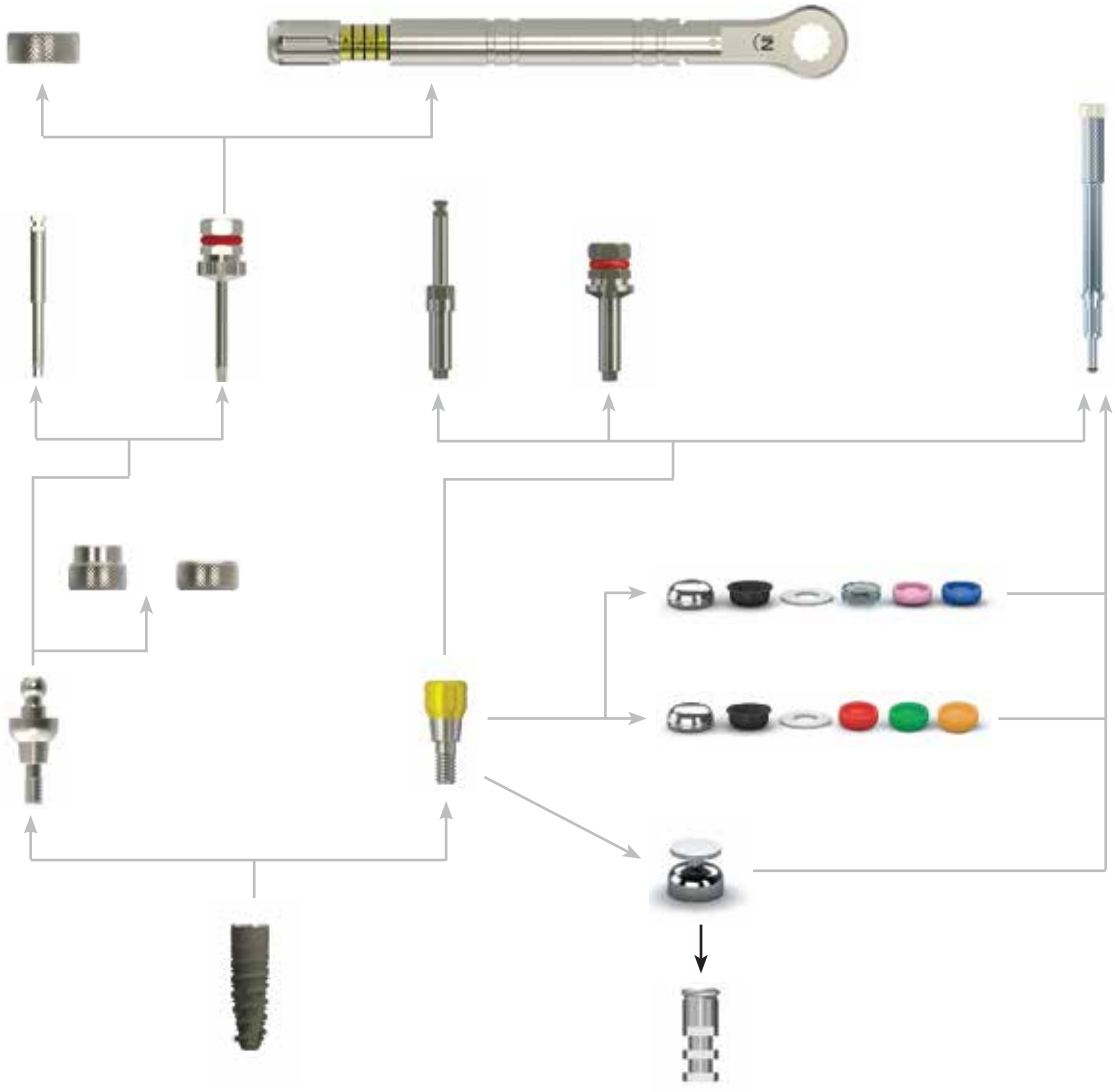
Max 15 Ncm

(*) Connection screw included.

OVERDENTURE SOLUTIONS



Overdenture solutions workflow



Overdenture prosthetic parts, lab components

Large ball abutment

Platform	H 1	2	3	4
U	OTKIU-1	OTKIU-2	OTKIU-3	OTKIU-4

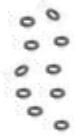
Titanium closed cap for large ball

H 4.1
SFYP062

Titanium open cap for large ball

H 2.6
SFYP063

Spare



O-ring (10 pcs)

GOM-I

Flexator straight abutment

Platform	H 1	2	3	4
U	MDIU-201	MDIU-202	MDIU-203	MDIU-204

Flexator impression coping

SFYP164

Flexator replica

SFYP165

Flexator block out spacer - white

SFYP162

UNIVERSE SYSTEM

	Flexator mid cap for lab - black	SFYP161
	Flexator propack 0°- 20°	SFYP166
	Flexator propack 20°- 40°	SFYP167
	Flexator titanium cap	SFYP163
	Flexator mid cap LR 0°-20° - blue	SFYP154
	Flexator mid cap MR 0°-20° - pink	SFYP155
	Flexator mid cap HR 0°-20° - transparent	SFYP156
	Flexator mid cap ZR 20°-40° - grey	SFYP157
	Flexator mid cap LR 20°-40° - red	SFYP158
	Flexator mid cap MR 20°-40° - orange	SFYP159
	Flexator mid cap HR 20°-40° - green	SFYP160

Flexator tools

Flexator guide pin

SFYS068

Flexator 3-in-1 universal driver

SFYS067

Multitool driver for flexator

H	
6	12
SFYS065	SFYS066

Motor driver for flexator

H	
6	12
SFYS063	SFYS064

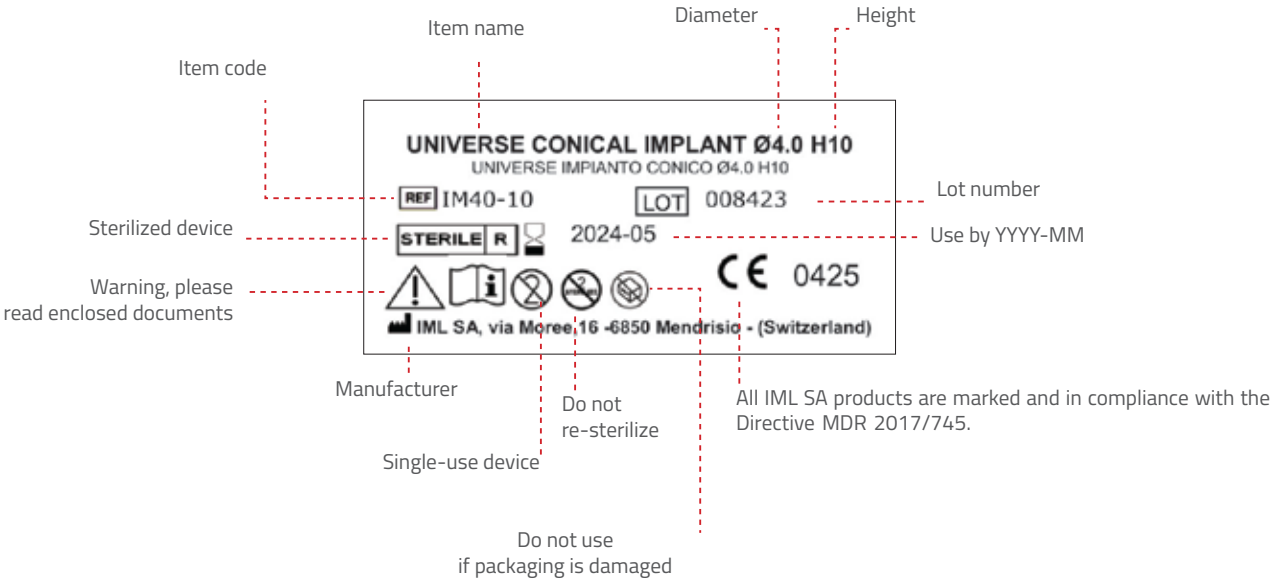
Packaging

IML's packaging process is performed in compliance with the standards set by the MDR 2017/745 Directive, which guarantee the sterilisation shelf-life. The IML implants are sterilised by beta rays.
The implants are packaged in a ABS container that, in turn, is placed inside a plastic container safety seal cap. Then the plastic container is placed inside a cardboard box bearing a removable label, bearing the implant information details. Further two copies of the label are into the cardboard box, to be placed on the implant passport and on the patient's medical record sheet.

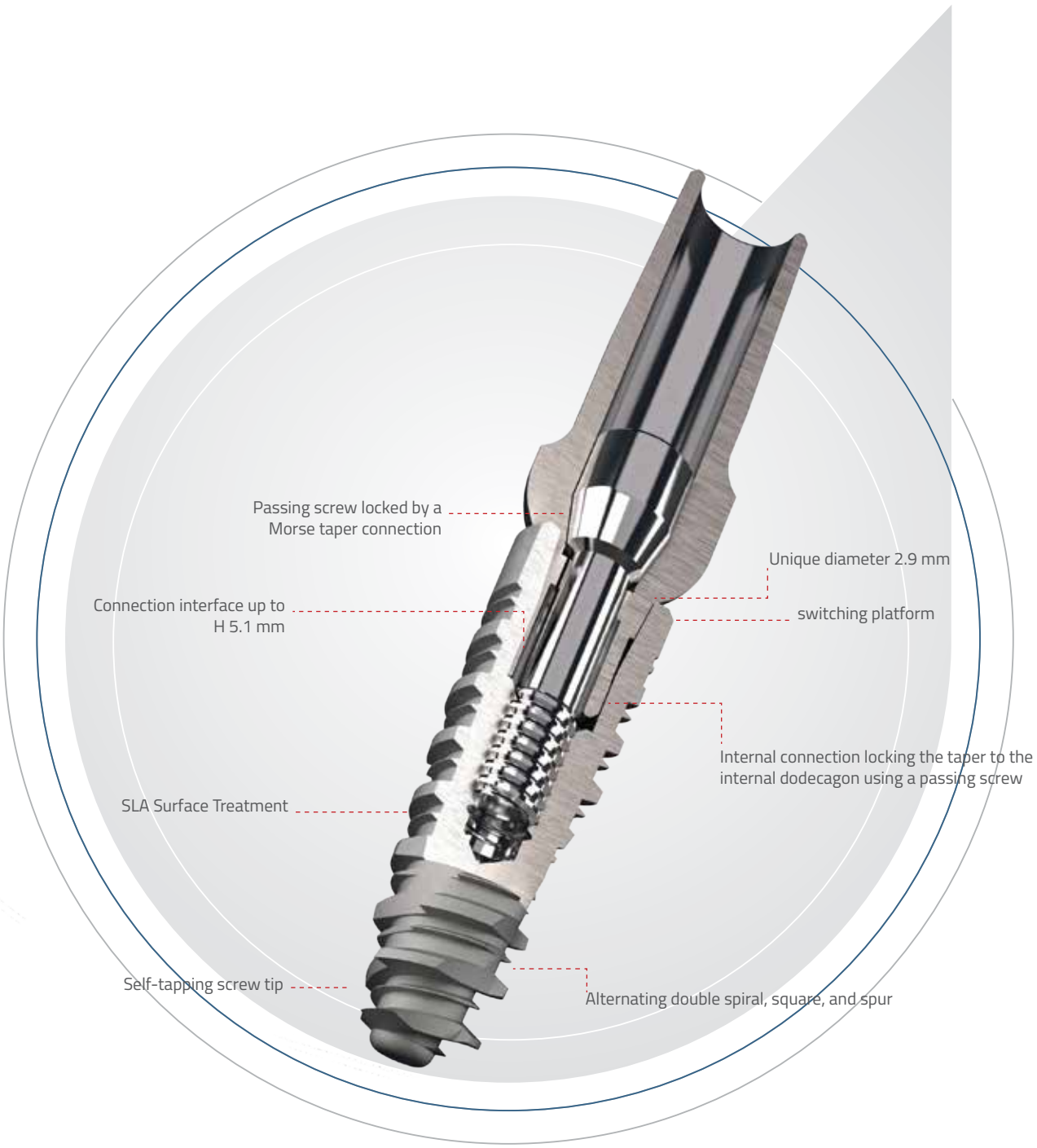
Grey ABS implant system stopper and red ABS cover screw stopper are carefully washed and dried.
The dental implant is contained in titanium spacers.

The transparent grey fumè Polypropylene (PP) container is closed with a white Polypropylene (PP) stopper with a safety seal.

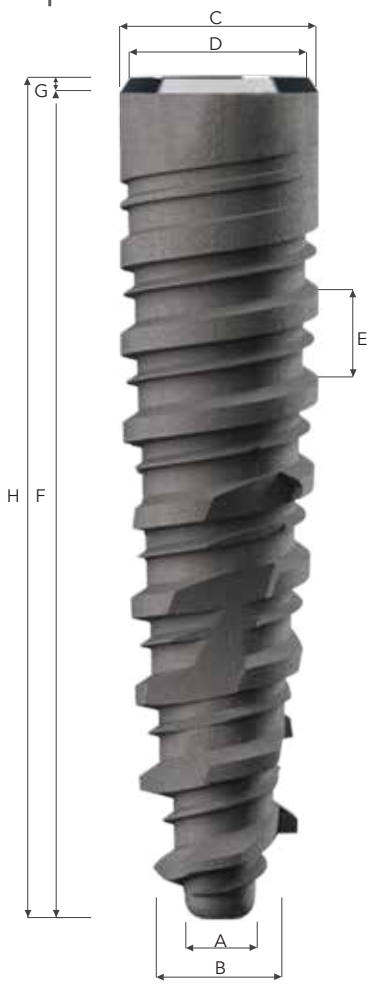
The cardboard box (3.5 x 6.2 x 3.5 cm) must be stored in a dry place at room temperature.

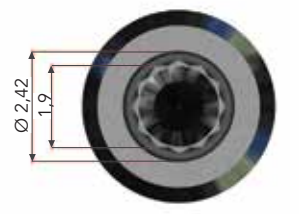


UNIVERSE 2.9 SYSTEM



Universe 2.9 System Implant





UNIT OF MEASUREMENT: mm

	A	B	C	D	E	F	G	H

CODE	IMPLANT MEASURE (Ø x H)	CORE Ø AT TIP	THREAD Ø AT TIP	IMPLANT Ø	INTERFACE Ø	THREAD PITCH	SURFACE TREATMENT H	SWITCHING PLATFORM H	IMPLANT H
IM29-8	2.9 X 8	1.50	2.50	3.0	2.9	1.2	7.8	0.2	8
IM29-10	2.9 X 10	1.50	2.50	3.0	2.9	1.2	9.8	0.2	10
IM29-11.5	2.9 X 11.5	1.50	2.50	3.0	2.9	1.2	11.3	0.2	11.5
IM29-13	2.9 X 13	1.50	2.50	3.0	2.9	1.2	12.8	0.2	13
IM29-15	2.9 X 15	1.50	2.50	3.0	2.9	1.2	14.8	0.2	15
IM29-18	2.9 X 18	1.50	2.50	3.0	2.9	1.2	17.8	0.2	18

NOTE:
Cover screw included — VT29

OPTIONAL:
Cover screw
H 0.5 mm — VT29-05

SURGICAL KIT

The UNIVERSE 2.9 surgical box is designed for maximum simplicility of use and made entirely of plastic materials suitable for steam sterilisation.
The instrument positions are clearly labelled in order to facilitate identification during the surgical operation and to correctly replace them after the maintenance procedure. The silicon supports secure the instruments firmly during transportation and sterilisation.

The kit contains stops that allow drills to be used safely and they are suppy separately. Cylindrical drill and pilot drill are marked with indicators referring to implant height and drill stops.

All IML surgical instruments are manufactured in surgical steel of the highest quality that offers the best performance in terms of wear resistance and torque.
To follow carefully the directions of the surgical and prosthetic protocol and the instructions for cleaning and maintenance of the products ensures the optimal long-term performance and reliability for which products were designed.

Tools

Universe 2.9 box for surgical instruments

BOX-UN29

Drill extension

PR-FR

Precision drill

Platform \ H	U
0.5	SFYS18

Guide pin

UN-PIN

Universe 2.9 cylindrical pilot drill Ø2

Drill Ø	
2.0	FC29-2

Universe 2.9 implant driver for motor

H		
10	15	25
AVM29-10	AVM29-15	AVM29-25

Universe 2.9 cylindrical drill Ø2.8

Drill Ø	
2.8	FC29-28

Universe 2.9 multitool implant driver

H		
10	15	25
CCIB29-10	CCIB29-15	CCIB29-25

Universe 2.9 kit drill stops for drill Ø2-2.8 (6 pcs)

STF29-KIT

Dynamometric ratchet

DN-I

Torque range: 15-45 Ncm

UNIVERSE 2.9 SYSTEM

Fixed ratchet

CR-U

Multitool driver for screws

H	
10	15
CCIV-10	CCIV-15

Digital adapter for multitool driver

SFYS051

Universe 2.9 motor driver for screws

H		
6	12	17
SFYS011	SFYS012	SFYS013

Universe 2.9 multitool remover for abutment

IMESTR-29

Multitool driver for straight MUA

AMM-U

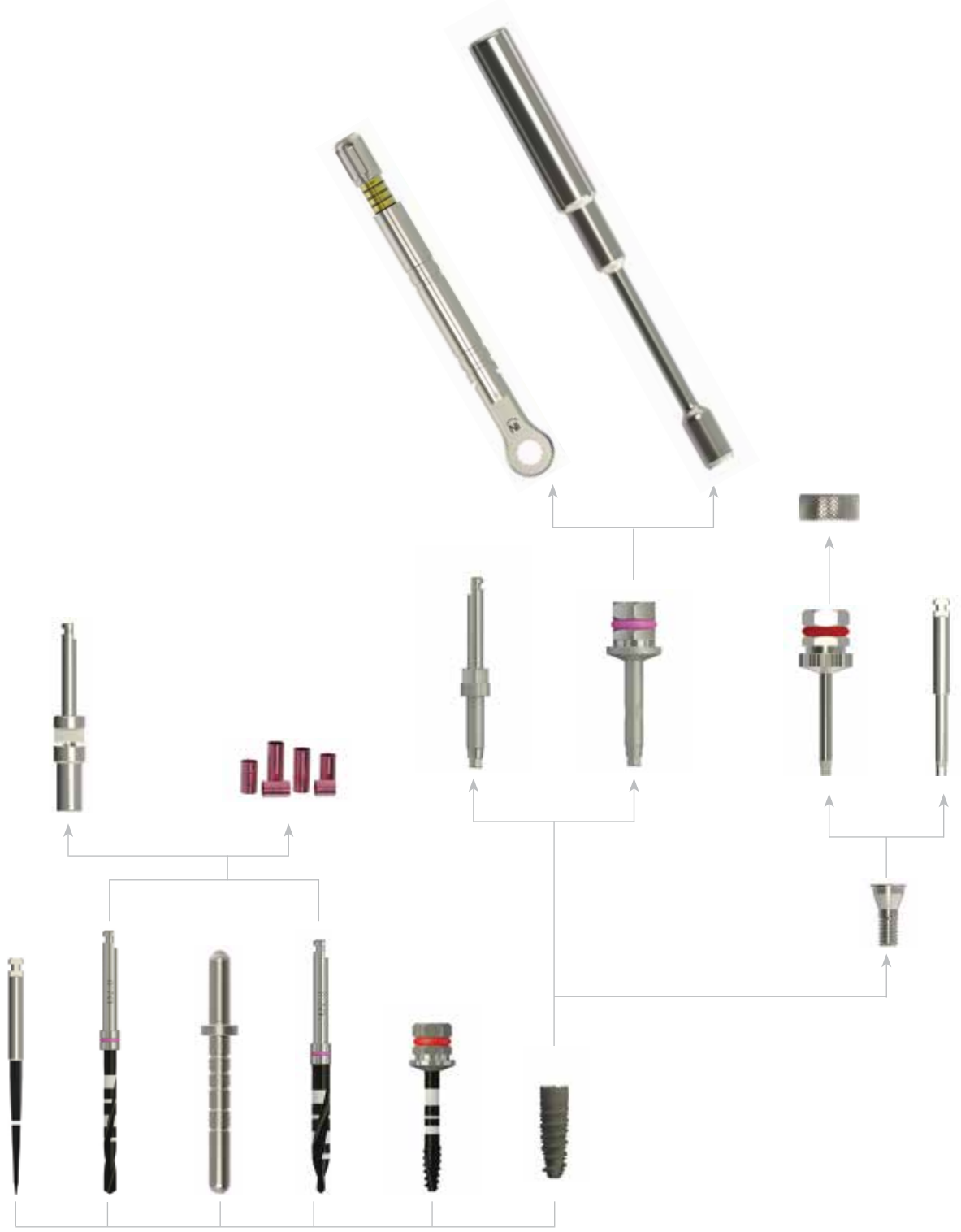
Motor driver for straight MUA

SFYS016

Universe 2.9 threadformer

Platform		
2.9	MC29-U	

Preparation (Cylindrical drill surgical protocol)



The Universe 2.9 Surgical Protocol has been developed to provide surgeons with indications on how to choose the most suitable instruments for implant site preparation, depending on the type of bone.
However, it is the duty of the surgeon to apply the most appropriate surgical protocol on the basis of his/her experience and following a thorough assessment of the clinical situation of the individual patient.
For the preparation of the implant site, IML has developed cylindrical drills with a tapered tip and depth marks in accordance with the length of the implant; they can be used with drill stops.
In case of dense D1 bone, adequate cortical bone preparation is essential in order to allow the implant to be inserted smoothly in the bone.

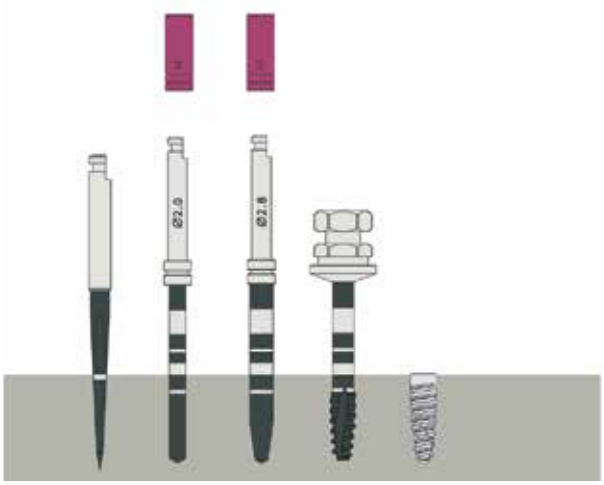
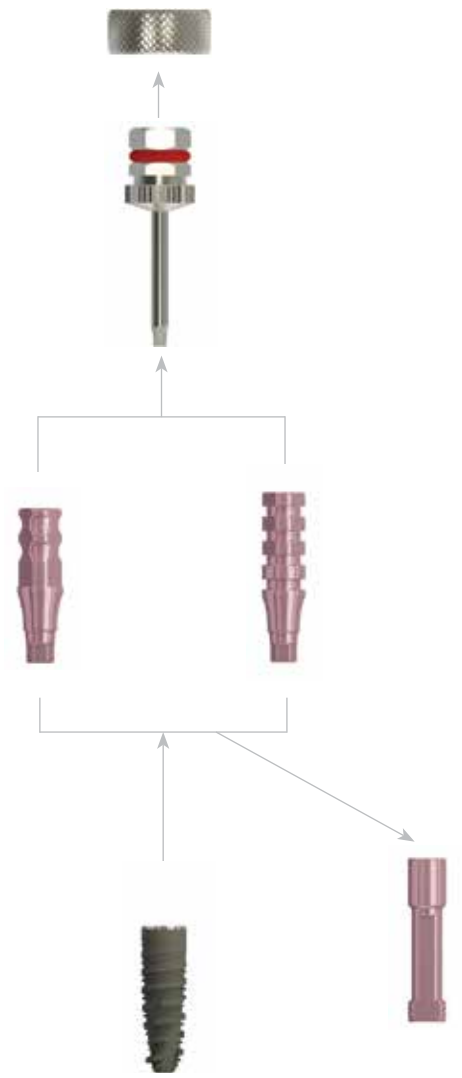


Fig. example of drilling sequence in dense bone of implant Ø2.9 h10

IMPORTANT:

- The implant must be positioned 1 mm under the bone crest;
- Drills prepare the site 0.7 mm more than the height of the implant;
- The implant is supplied complete with cover screw;
- Recommended torque max: 45 Ncm.

Impression taking workflow



Lab components

Universe 2.9 open tray impression coping (*)

Platform	
2.9	TRA-29U

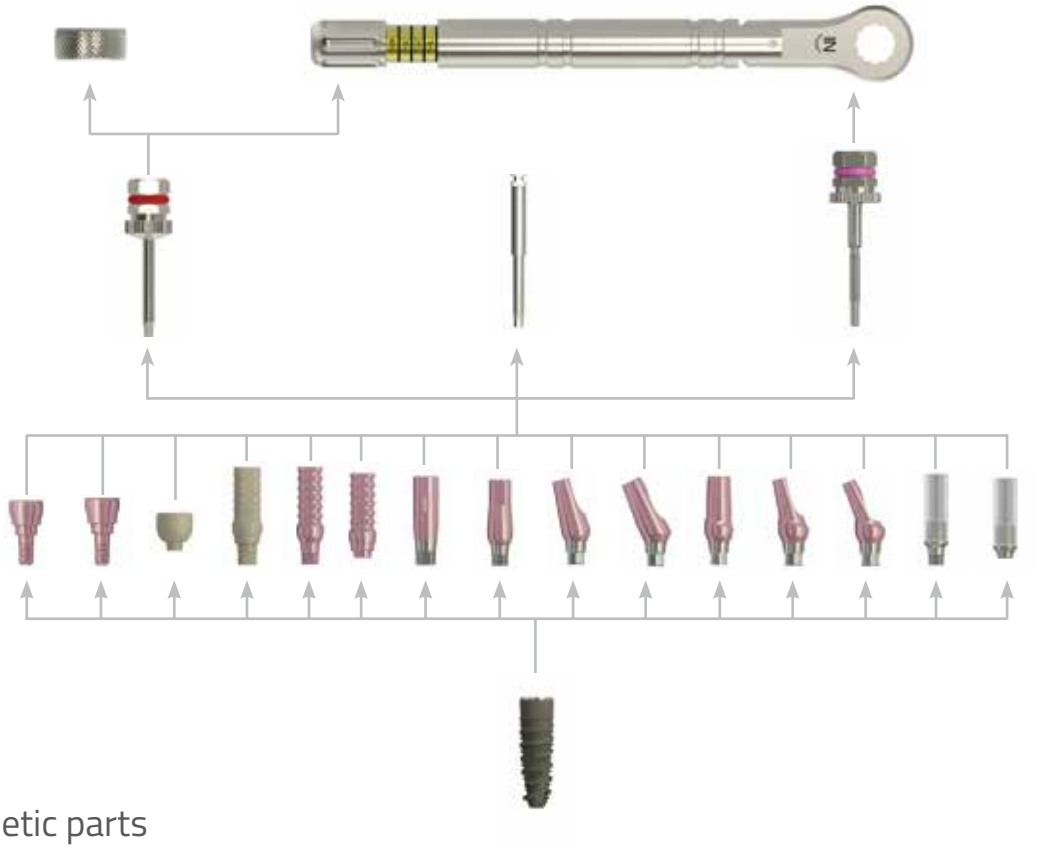
Universe 2.9 closed tray impression coping (*)

Platform	
2.9	TRA-29C

Universe 2.9 implant replica

Platform	
2.9	ANI-29

Restoration workflow



Prosthetic parts

Universe 2.9 healing screw

Platform	H 1	2	3	4	5
2.9	MGI29-1	MGI29-2	MGI29-3	MGI29-4	MGI29-5

Universe 2.9 shift healing screw

Platform	H 1	2	3	4	5
2.9	MGI29-21	MGI29-22	MGI29-23	MGI29-24	MGI29-25

Universe 2.9 bridge peek healing screw (*)

Platform	
2.9	MGI29-99

Universe 2.9 peek temporary straight abutment (*)

Platform	0
2.9	MDI29-100

Universe 2.9 Temporary non rotating abutment (*)

Platform	
2.9	MDI29-101

Universe 2.9 temporary rotating abutment (*)

Platform	
2.9	MDI29R-101

Spare

Universe 2.9 connecting screw for peek abutment

VT29-K

Universe 2.9 EASY straight abutment

Platform	H
	0
2.9	MDI29-300

Universe 2.9 EASY straight abutment

Platform	H			
	1	2	3	4
2.9	MDI29-301	MDI29-302	MDI29-303	MDI29-304

Universe 2.9 slim straight abutment (*)

Platform	H: 0
2.9	MDI29-013

Universe 2.9 EASY 15 angled abutment

Platform	H: 0
2.9	MI2915-300

Universe 2.9 EASY 15 angled abutment

Platform	H: 1	2	3	4
2.9	MI2915-301	MI2915-302	MI2915-303	MI2915-304

Universe 2.9 EASY 25 angled abutment

Platform	H: 0
2.9	MI2925-300

Universe 2.9 EASY 25 angled abutment

Platform	H 1	2	3	4
2.9	MI2925-301	MI2925-302	MI2925-303	MI2925-304

Universe 2.9 shift aesthetic straight abutment (*)

Platform	H 1	2	3	4
2.9	MDI29-21	MDI29-22	MDI29-23	MDI29-24

Universe 2.9 shift aesthetic 15° angled abutment (*)

Platform	H 1	2	3	4
2.9	MI2915-21	MI2915-22	MI2915-23	MI2915-24

Universe 2.9 shift aesthetic 25° angled abutment (*)

Platform	H 1	2	3	4
2.9	MI2925-21	MI2925-22	MI2925-23	MI2925-24

Universe 2.9 non rotating Cr/Co base calcinable abutment (*)

Platform	H: 1
2.9	MDI29-70

Universe 2.9 rotating Cr/Co base calcinable abutment (*)

Platform	H: 1
2.9	MDI29-71

Spare

Universe 2.9 long connecting screw for abutment

VT29-LP

VT29-L

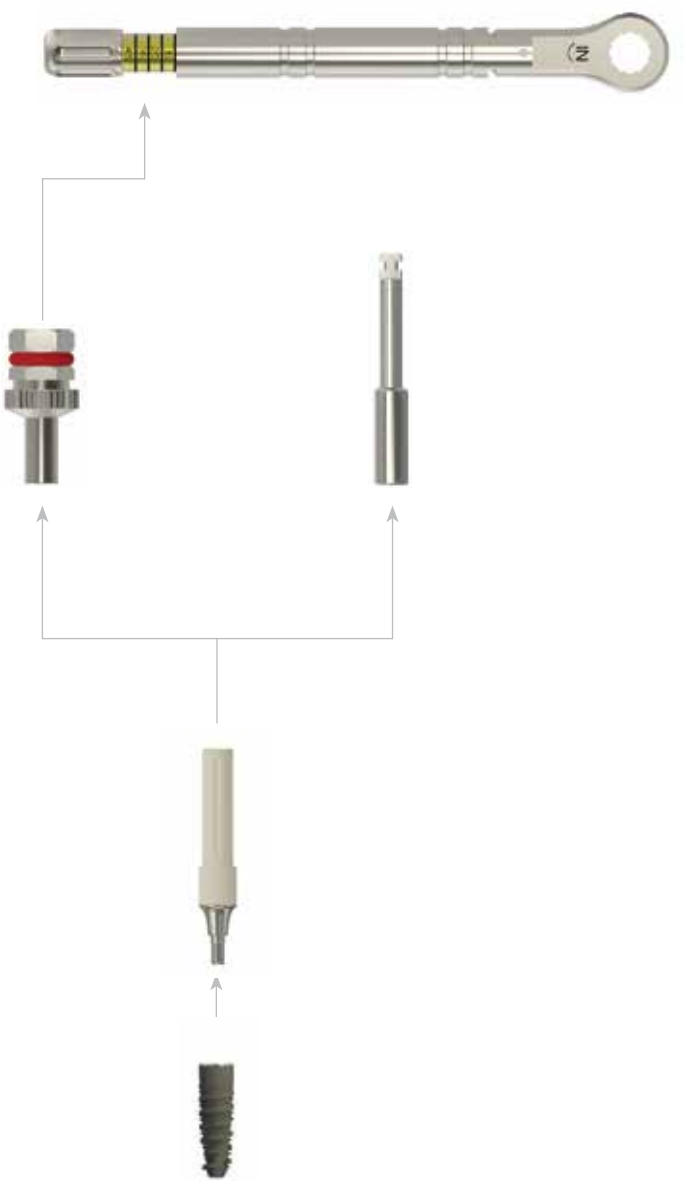
Spare

Universe 2.9 short connecting screw for abutment

VT29-SP

VT29-S

MUA positioning workflow

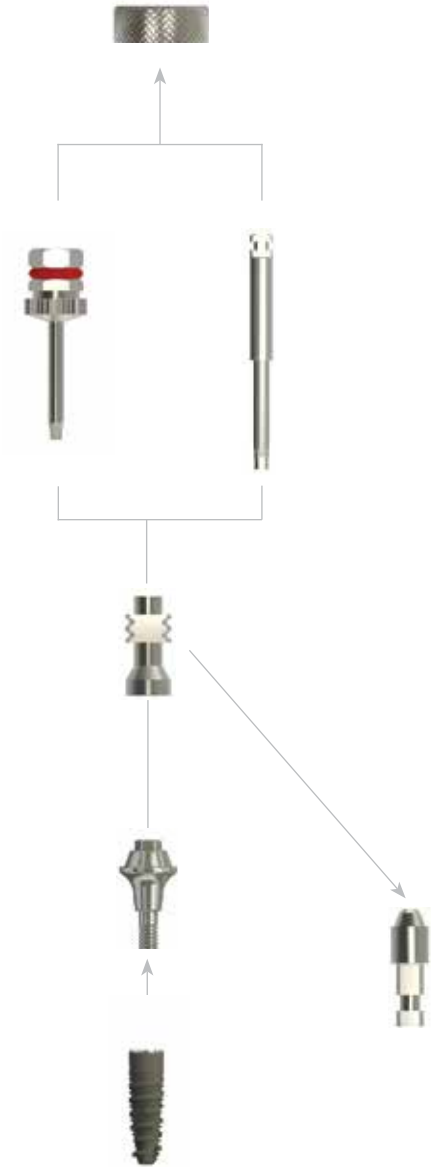


MUA

Universe 2.9 straight MUA

Platform	H 1	2	3	4	5
2.9	CDI29-1	CDI29-2	CDI29-3	CDI29-4	CDI29-5

MUA impression taking workflow



MUA lab components

MUA open tray impression coping (*)

SFYP076

OPTIONAL:
Long screw for MUA impression coping

H
20
SFYV011

MUA replica

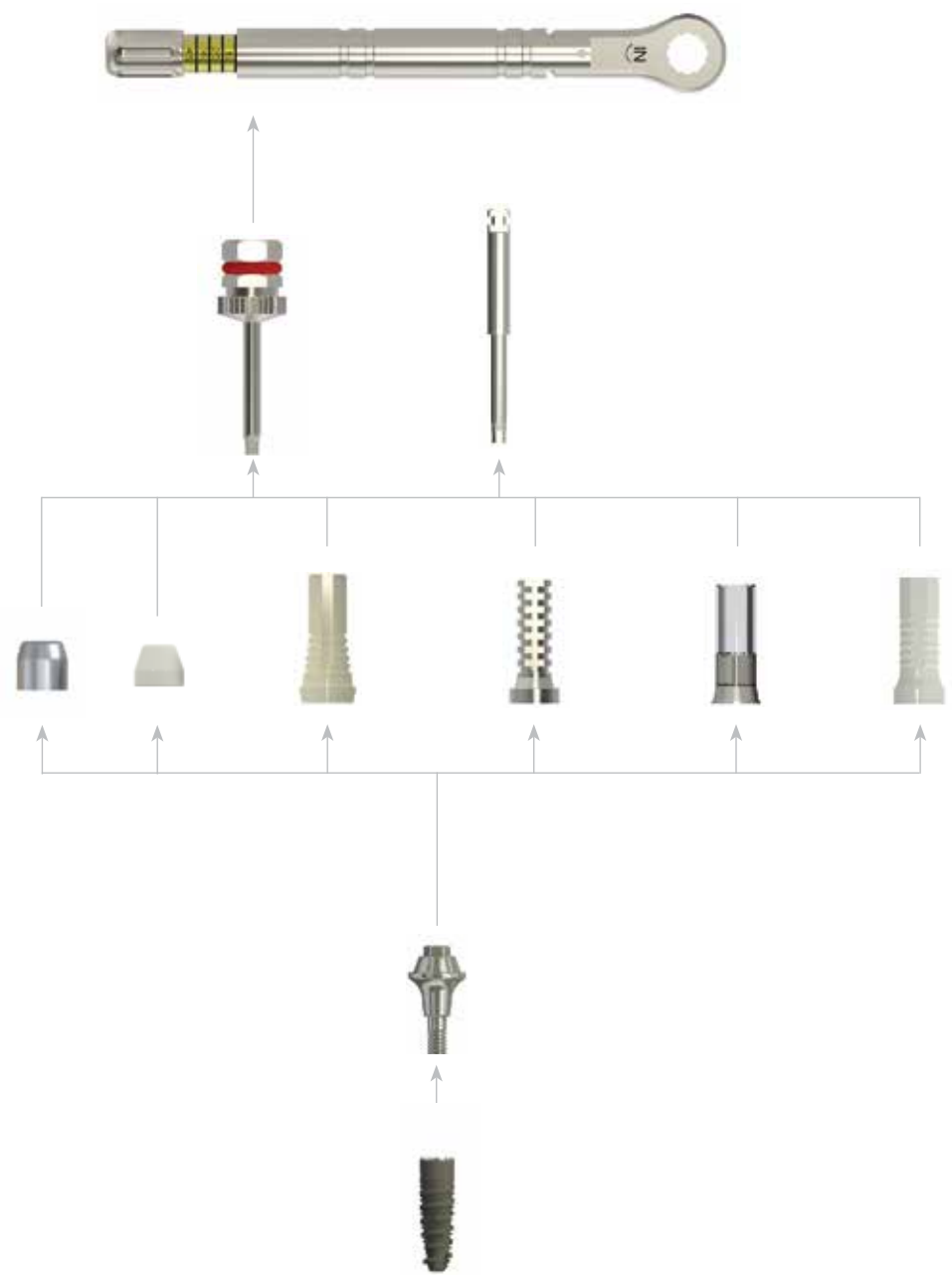
SFYP077

Connecting screw L15 for MUA impression coping open tray

H
15
SFYV010

(*) Connection screw included.

MUA restoration workflow



MUA prosthetic parts

MUA healing cap (*)

SFYP075

MUA titanium healing cap (*)

SFYP171

MUA peek temporary cylinder (*)

SFYP101

MUA titanium cylinder (*)

H	
0.8	1.5
SFYP203	SFYP078

MUA Cr/Co base calcinable cylinder (*)

SFYP100

MUA calcinable cylinder (*)

SFYP079

Spare

M1.4 connecting screw for MUA prosthetic parts

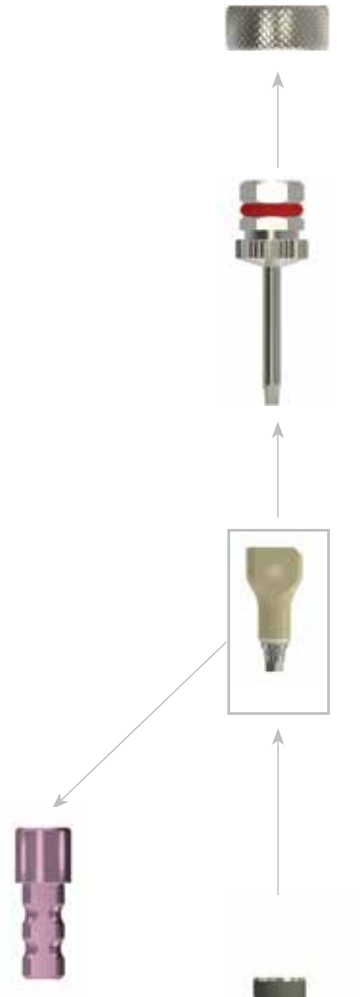
SFYV009

Max 15 Ncm

(*) Connection screw included.

CAD-CAM
DIGITAL DENTISTRY

Impression taking workflow



Lab components

Universe 2.9 scan body (*)

Platform		
	2.9	MDI29-80

Universe 2.9 CAD-CAM replica

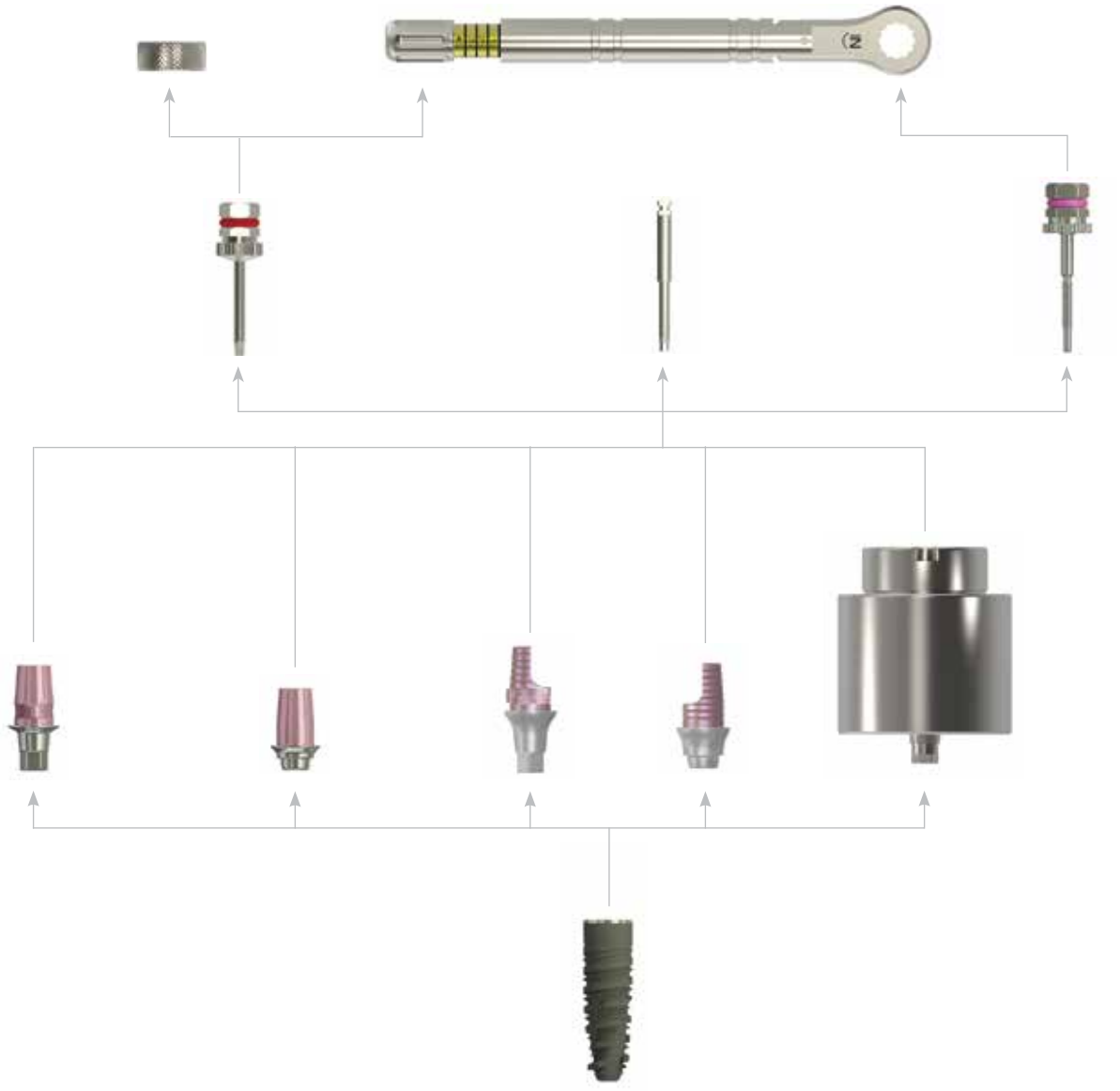
Platform		
	2.9	ANI-29CAD

Universe 2.9 connecting screw for scanbody

Spare	
	VT29-SB

(*) Connection screw included.

Restoration workflow



Prosthetic parts

Universe 2.9 non rotating TBase abutment (*)

Platform	H 0.5	1	2
2.9	MDI29-55	MDI29-51	MDI29-52

Universe 2.9 rotating TBase abutment (*)

Platform	H 0.5	1	2
2.9	MDI29-50	MDI29-53	MDI29-54

Universe 2.9 non rotating TBase angled abutment (*)

Platform	H 0.5	1	2
2.9	MDI29-A55	MDI29-A51	MDI29-A52

Universe 2.9 rotating TBase angled abutment (*)

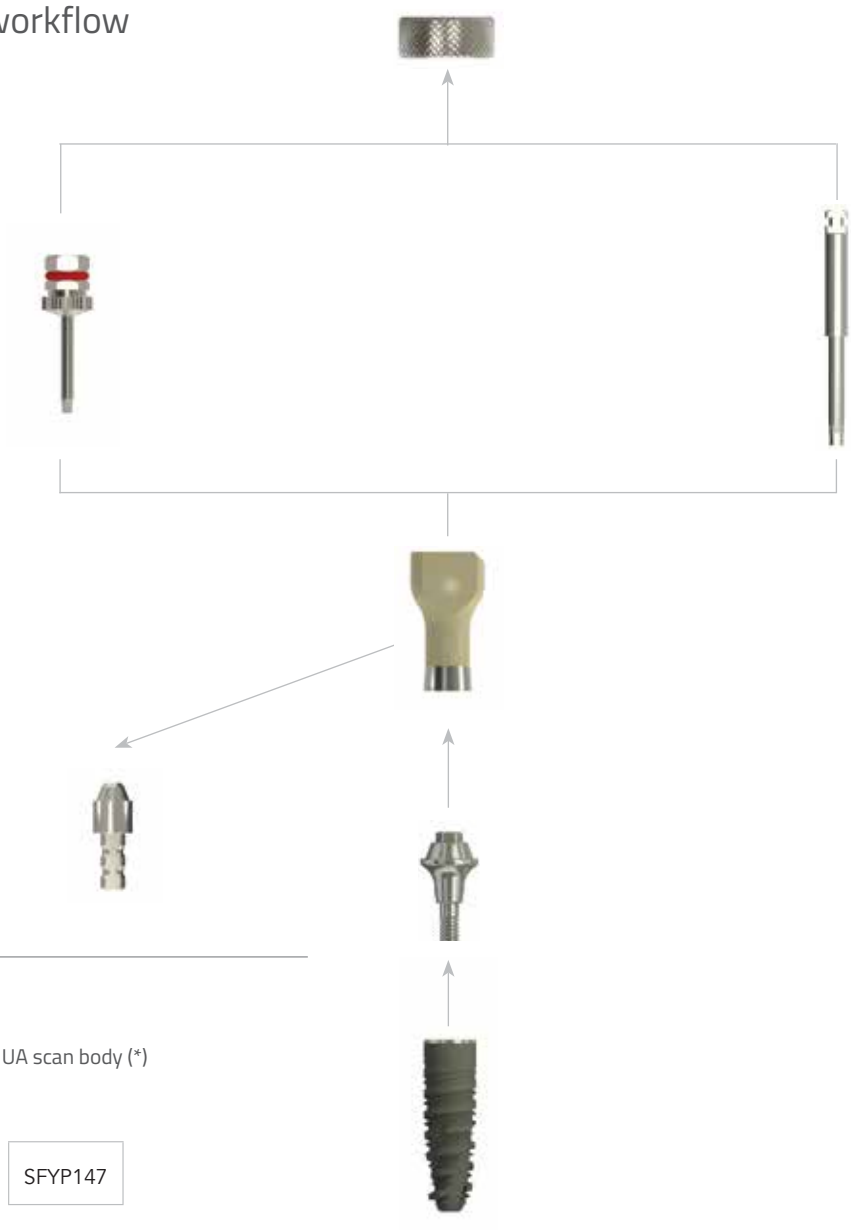
Platform	H 0.5	1	2
2.9	MDI29-A50	MDI29-A53	MDI29-A54

Universe 2.9 premilled (*)

Platform	Ø 11.5	16
2.9	MDI29-60	MDI29-61

(*) Connection screw included.

MUA impression taking workflow



MUA lab components

MUA scan body (*)

SFYP147

CAD-CAM MUA replica (*)

SFYP149

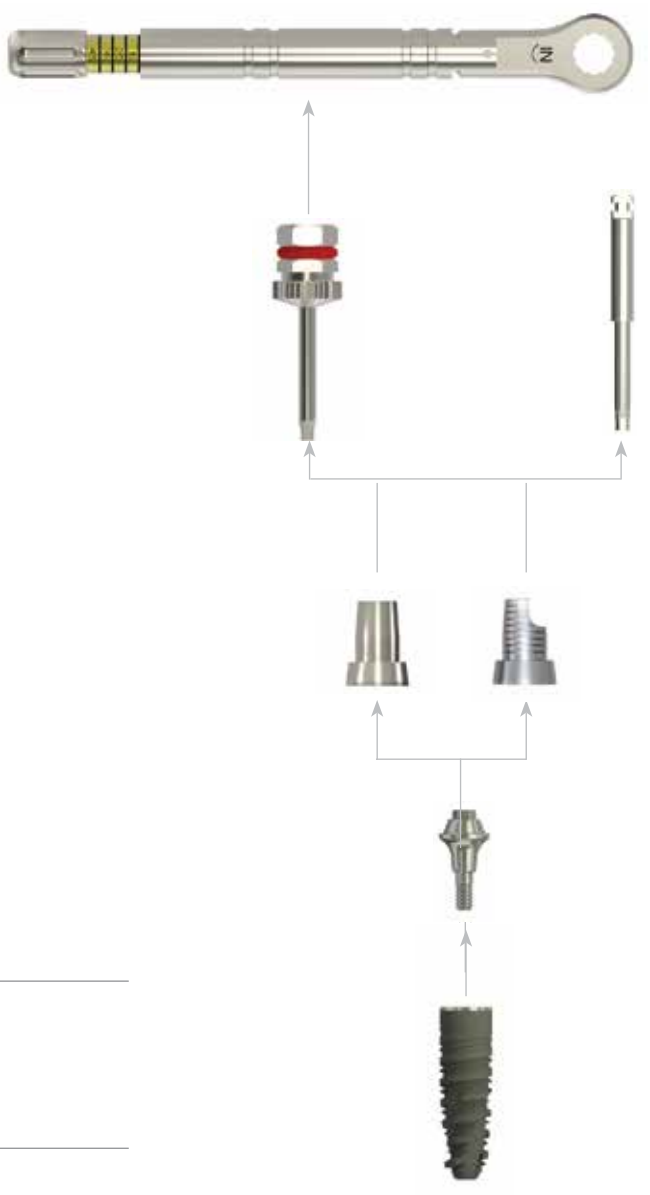
Spare

CAD-CAM fixing screw for MUA replica

SFYV031

(*) Connection screw included.

MUA restoration workflow



MUA prosthetic partS

MUA Tbase abutment (*)

SFYP148

MUA angled rotating Tbase abutment (*)

SFYP213

Spare

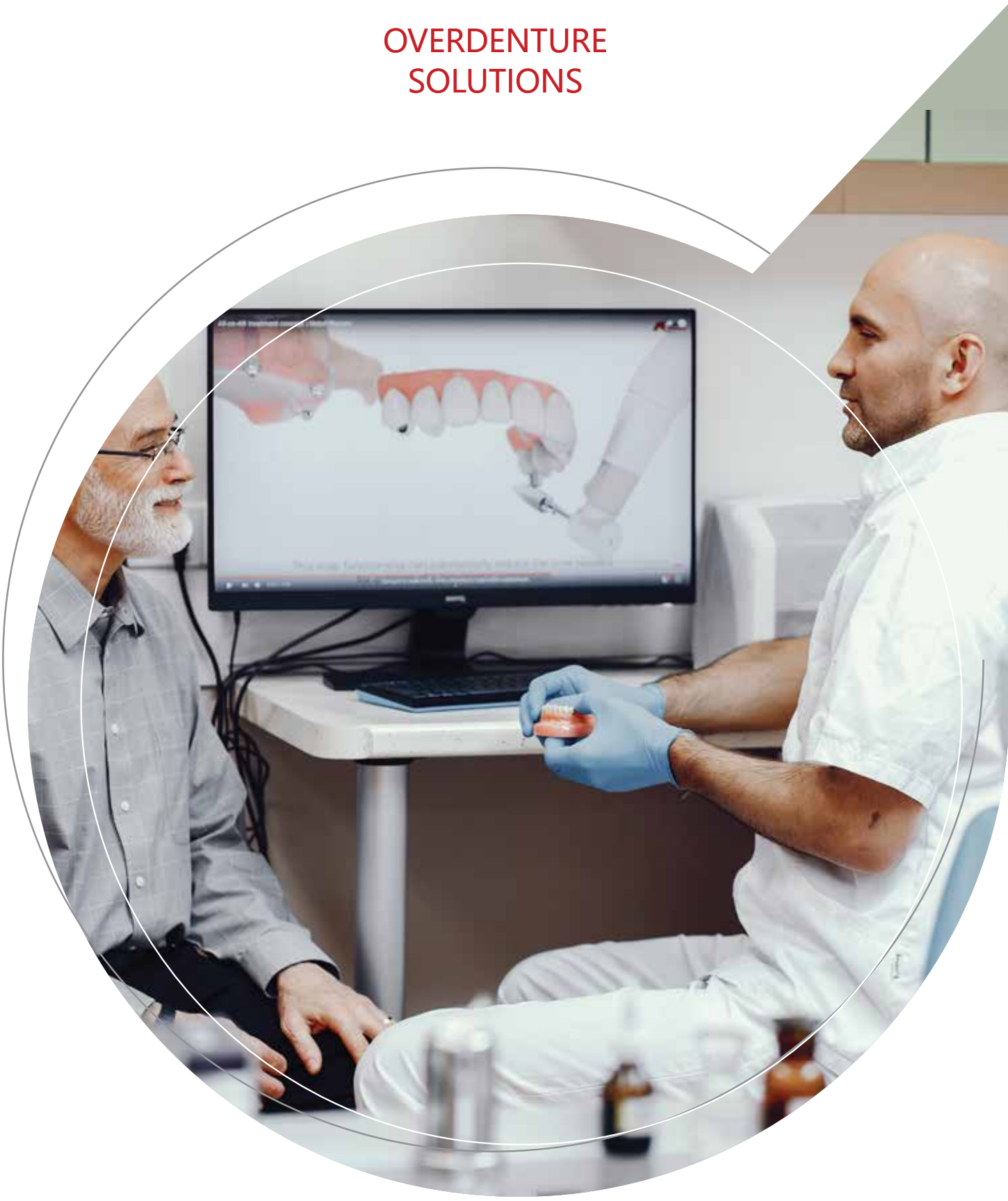
M1.4 connecting screw for MUA prosthetic parts

SFYV009

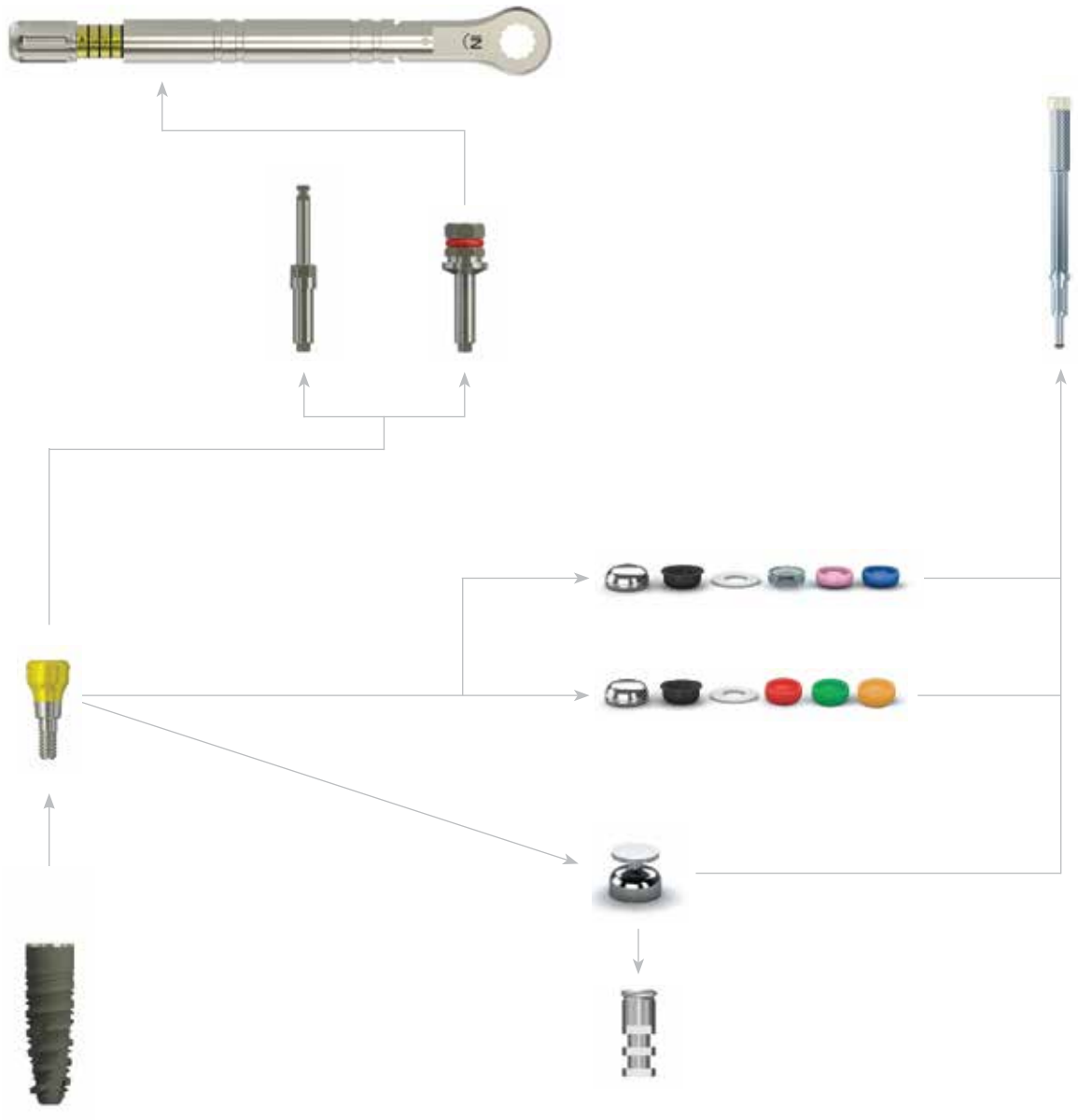
Max 15 Ncm

(*) Connection screw included.

OVERDENTURE SOLUTIONS



Overdenture solutions workflow



Overdenture prosthetic parts, lab components

Universe 2.9 flexator straight abutment

Platform	H 1	2	3	4
2.9	MDI29-201	MDI29-202	MDI29-203	MDI29-204

Flexator impression coping

SFYPPR164

Flexator replica

SFYPPR165

Flexator block out spacer - white

SFYP162

Flexator mid cap for lab - black

SFYP161

Flexator propack 0° - 20°

SFYP166

Flexator propack 20° - 40°

SFYP167

Flexator titanium cap

SFYP163

Flexator mid cap LR 0°-20° - blue

SFYP154

Flexator mid cap MR 0°-20° - pink

SFYP155

Flexator mid cap HR 0°-20° - transparent

SFYP156

Flexator mid cap ZR 20°-40° - grey

SFYP157

Flexator mid cap LR 20°-40° - red

SFYP158

Flexator mid cap MR 20°-40° - orange

SFYP159

Flexator mid cap HR 20°-40° - green

SFYP160

Flexator tools

Flexator guide pin

SFYS068

Flexator 3-in-1 universal drive

SFYS067

Multitool driver for flexator

H	
6	12
SFYS065	SFYS066

Motor driver for flexator

H	
6	12
SFYS063	SFYS064

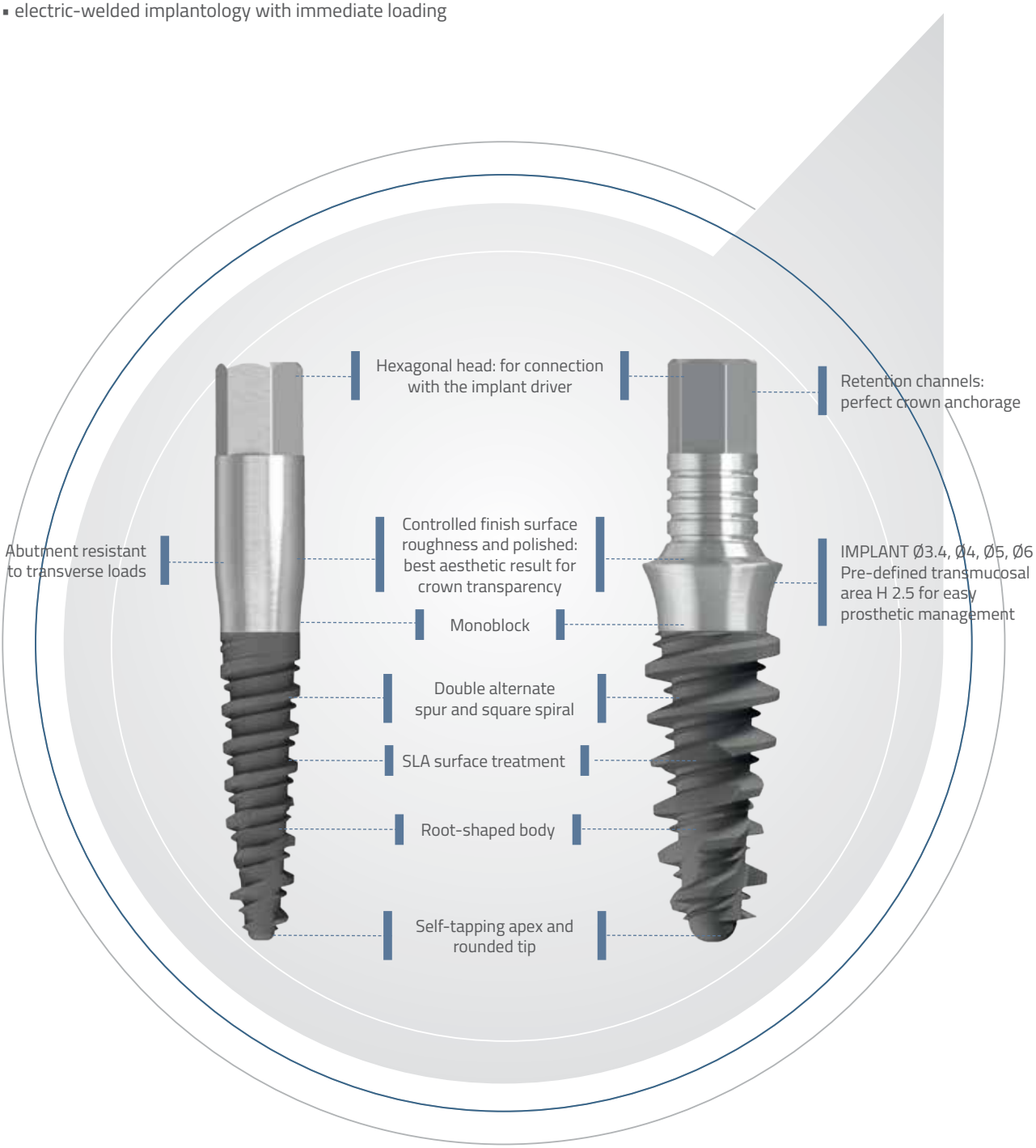
PACKAGING


IMPLANT PASSPORT
iml
THIS IMPLANT PASSPORT
BELONGS TO:
Name and Surname
Telephone number
E-mail
iml
swiss dental implants
UNIVERSE 2.9
Prosthetic Part
REF
CDI29-5
LOT
010683
CE 0425

POWER AND POWER OM IMPLANT SYSTEM

The perfect solution for:

- any bone density
- post extraction
- system with abutment tilt lower than 30°
- electric-welded implantology with immediate loading



Implant body

The biomechanical principles of the Universe system have been applied to the POWER and POWER OM implants in order to offer the implant surgeon a greater chance of solving implant-prosthetic problems by using a monophase technique.

The POWER and POWER OM implants are made of top quality grade 4 titanium for medical use exclusively imported from the United States and guaranteed free of manufacturing defects.

- Root-shaped body: fast, safe and minimally invasive insertion
- Self-tapping screw tip
- Double alternate spur and square spiral: bio-functional load distribution
- SLA surface treatment: basic conditions for fast and complete osteointegration
- Monoblock: absence of bacterial infiltration inside the system

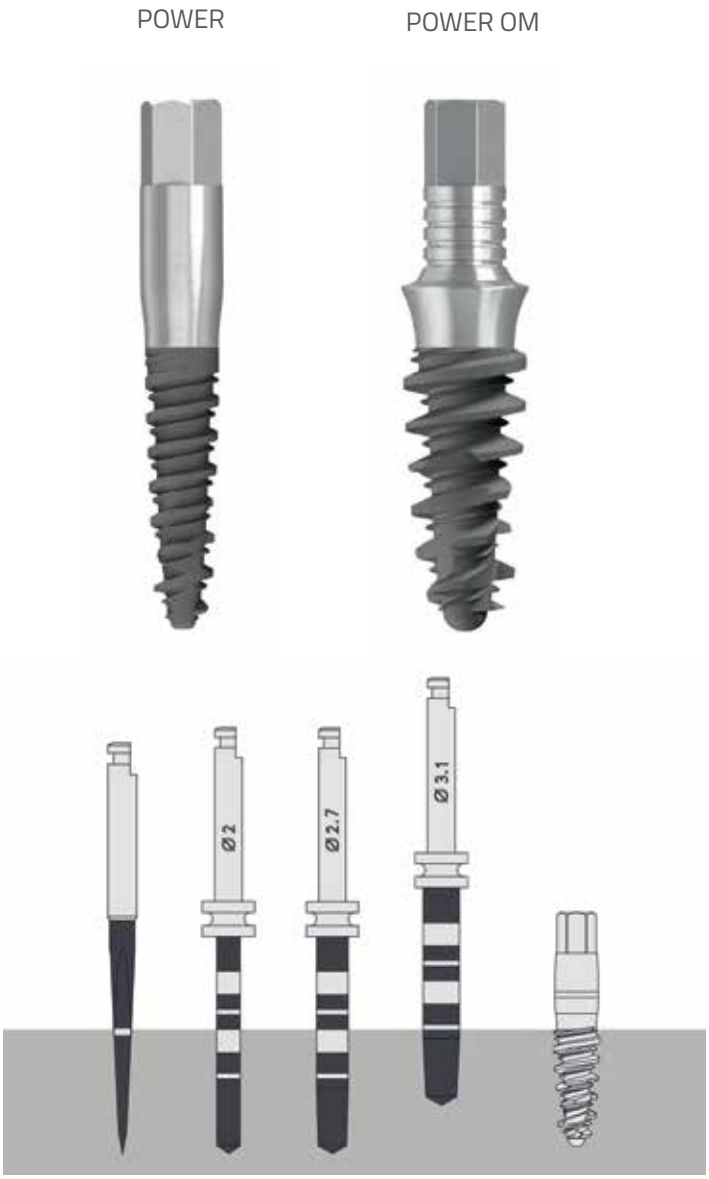


Fig. example of drilling sequence of implant Ø4 h10

Intraosseous portion

The tapered morphology of Power and its innovative twin-spiral thread, which is also present in the apical part, ensure rapid, safe, and minimally invasive surgical insertion.
The double alternate spur and square spiral generates a perfect balance between intrusive, compressive, and diverging forces capable of providing the bone with exceptional growth stimuli. The immediate result of this geometric combination is high primary stability even in situations with altered bone which creates optimum conditions for an intimate contact with the bone, an advantage for faster osteointegration comparable to that obtainable with the totally submerged Universe implant biphasic system.
In addition, this particular morphology allows POWER implants subjected to masticatory forces and also to transverse forces to uniformly distribute the resulting mechanical stress, providing high bio-functionality in all types of bone, a prerequisite for predictable implant longevity.

Prosthetic portion

IML has developed two different systems regarding the mono-block implant: POWER and POWER OM.
A peculiarity of the mono-block implant is the absence of connections and components. This allows bacteria do not infiltrate inside the system which, associated with the innovative profile of the spirals and of the abutment also makes the POWER and POWER OM implant an ideal solution for the electro-welded implantology using the immediate loading technique.
The surface of the prosthetic portion of these implants has a controlled roughness after polishing. The abutment has a hexagon in its terminal part, which couples with the implant driver during the insertion of the implant.
POWER OM shows an intermediate portion of the abutment is provided with retention grooves suitable for the perfect anchorage of the crown. Finally, the transmucosal part of the POWER OM implant has been designed to make the best use of the monophase implant, with a particular emphasis being placed on aesthetic problems. In fact, implants with a reduced diameter, normally used in the anterior mouth, have been designed with a different design of the transmucosal part compared to larger diameter implants, which are the most frequently used in the posteriors.
Diversely, the profile of POWER implant abutments are cylindrical with consequent absence of pre-defined transmucosal height, a factor that allows greater flexibility in the preparation of an aesthetic crown fabricated according to the physiology of the individual patient.

SURGICAL KIT

Surgical Kit

The Power surgical box is made entirely of plastic materials suitable for steam sterilisation.
The instrument positions are clearly labelled in order to facilitate identification during the surgical operation.
The silicon supports secure the instruments firmly during transportation and sterilisation.

Drill stops are supplied in two separate kits based on the drill diameter. Both drill stops and drills are immediately identifiable thanks to the color code: the drill stops are anodized, while on the drills there is a colored o-ring.

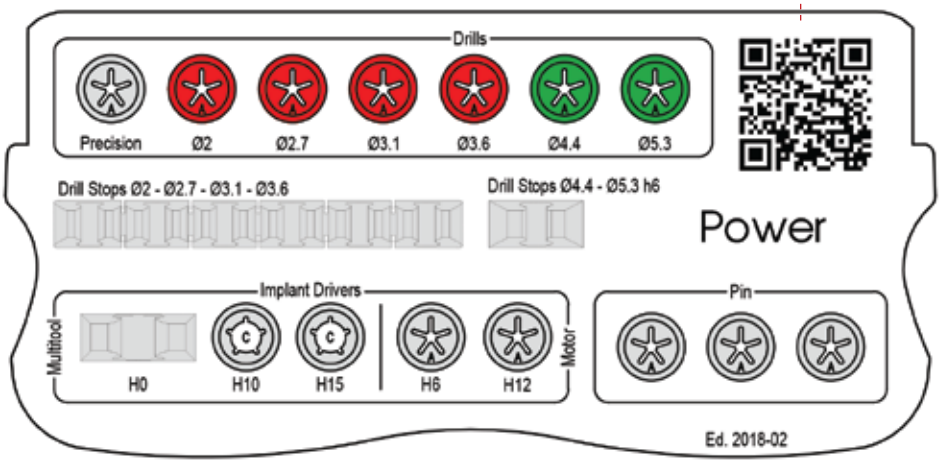
In particular:
RED DRILL STOPS KIT: To be used with drills having red o-ring and Ø 2, 2.7, 3.1, 3.6.
GREEN DRILL STOP: To be used with drills having green o-ring and Ø 4.4, 5.3.
Drills are marked with indicators referring to implant height and drill stops.

Warning: drill prepares the site 0.7 mm more than the height of the implant.

Therefore, when drilling close to vital anatomical structures,
take into account this higher length of the drill compared to the length of the implant that will be positioned into the site being prepared.

All IML surgical instruments are manufactured in Surgical Steel of the highest quality, that offers the best performance in terms of resistance to wear and torque.

Using a smartphone, the QR code printed on the box allows to display the surgical protocol and download it from immediateload.com



Tools

Large box for surgical instruments

BOX-PO

Red drill stop

Precision drill

Drill Ø	
0.5	SFYS18

Green drill stop for drills Ø4.4-5.3

H6
SFYS040

Cylindrical pilot drill

Drill Ø		
2	SFYS19

Guide pin

UN-PIN

Drill extension

PR-FR

Cylindrical drill

Drill Ø	
2.7	SFYS21
3.1	SFYS22
3.6	SFYS23
4.4	SFYS25
5.3	SFYS26

Implant driver for motor

Platform \ H	6	12
	AVP-C	AVP-L

Multitool implant driver

Platform \ H	0	10	15
	CCP-0	CCP-10	CCP-15

Fixed ratchet

CR-U

Dynamometric ratchet

DN-I

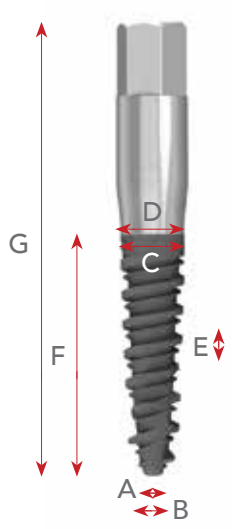
Torque range: 15-45 Ncm

Multitool manual driver

CM-U

SURGICAL PLANNING

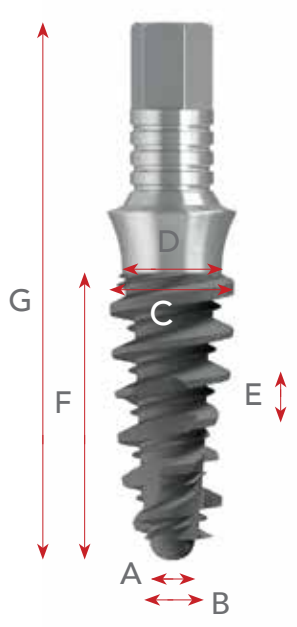
Surgical planning POWER



UNIT OF MEASUREMENT: mm

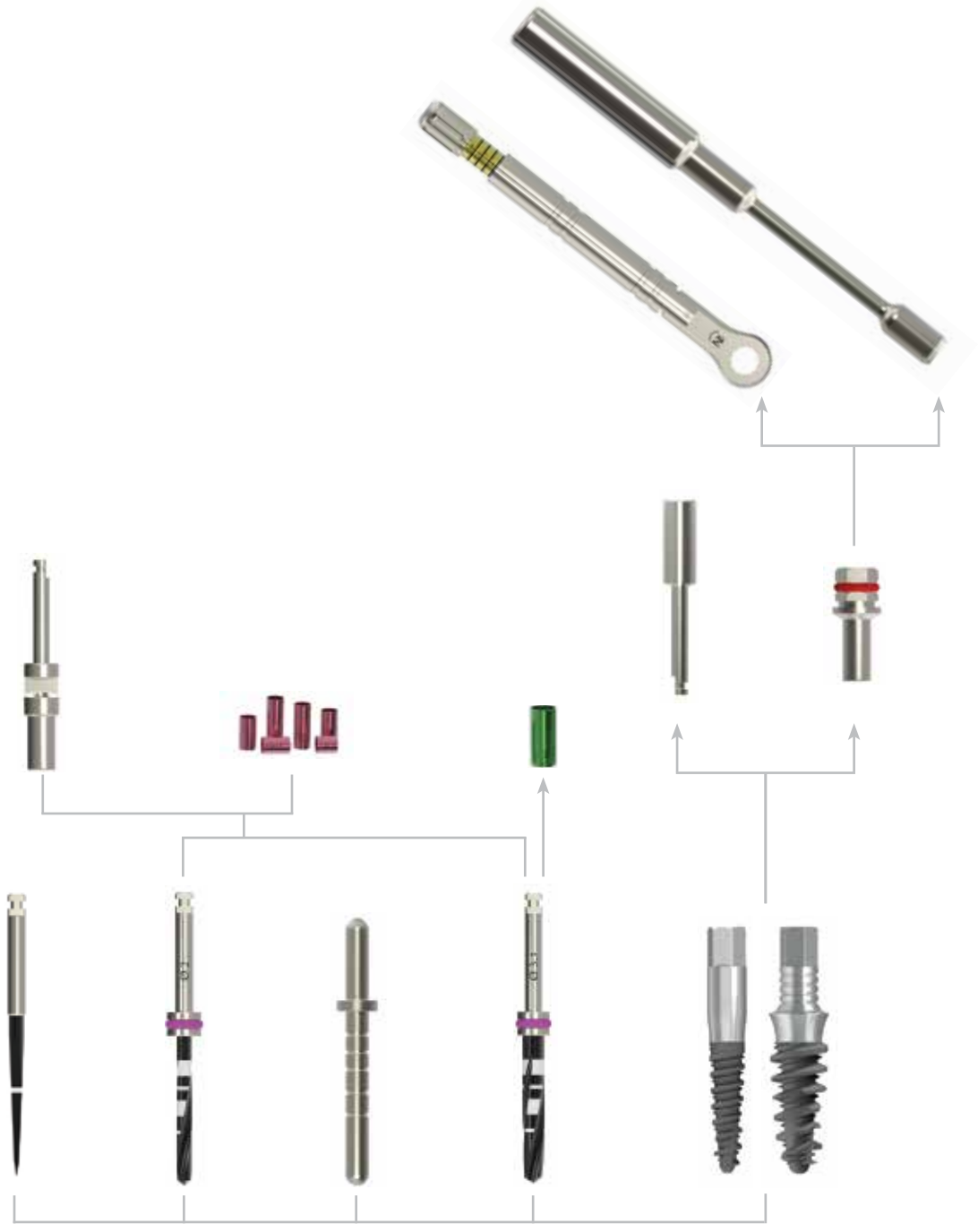
		A	B	C	D	E	F	G
CODE	IMPLANT MEASURE (Ø x H)	CORE Ø AT TIP	THREAD Ø AT TIP	IMPLANT Ø (MAJOR DIAMETER RELATES TO THE FIRST CREST)	NECK Ø	THREAD PITCH	SURFACE TREATMENT H	TOTAL H
PO30-8	3 X 8	1	2.35	3	3	1.4	8	18.1
PO30-10	3 X 10	1	2.35	3	3	1.4	10	20.1
PO30-11.5	3 X 11.5	1	2.35	3	3	1.4	11.5	21.6
PO30-13	3 X 13	1	2.35	3	3	1.4	13	23.1
PO30-15	3 X 15	1	2.35	3	3	1.4	15	25.1
PO30-18	3 X 18	1	2.35	3	3	1.4	18	28.1
PO34-8	3.4 X 8	1.35	2.75	3.4	3.4	1.4	8	18.1
PO34-10	3.4 X 10	1.35	2.75	3.4	3.4	1.4	10	20.1
PO34-11.5	3.4 X 11.5	1.35	2.75	3.4	3.4	1.4	11.5	21.6
PO34-13	3.4 X 13	1.35	2.75	3.4	3.4	1.4	13	23.1
PO34-15	3.4 X 15	1.35	2.75	3.4	3.4	1.4	15	25.1
PO34-18	3.4 x 18	1.35	2.75	3.4	3.4	1.4	18	28.1
PO40-8	4 X 8	1.4	3.15	4	3.4	1.6	8	18.1
PO40-10	4 X 10	1.4	3.15	4	3.4	1.6	10	20.1
PO40-11.5	4 X 11.5	1.4	3.15	4	3.4	1.6	11.5	21.6
PO40-13	4 X 13	1.4	3.15	4	3.4	1.6	13	23.1
PO40-15	4 X 15	1.4	3.15	4	3.4	1.6	15	25.1
PO40-18	4 X 18	1.4	3.15	4	3.4	1.6	18	28.1
PO50-6	5 X 6	1.8	3.85	5	4	1.7	6	16.1
PO50-8	5 X 8	1.8	3.85	5	4	1.7	8	18.1
PO50-10	5 X 10	1.8	3.85	5	4	1.7	10	20.1
PO50-11.5	5 X 11.5	1.8	3.85	5	4	1.7	11.5	21.6
PO50-13	5 X 13	1.8	3.85	5	4	1.7	13	23.1
PO50-15	5 X 15	1.8	3.85	5	4	1.7	15	25.1
PO60-6	6 X 6	2.2	4.5	6	4.6	1.7	6	16.1
PO60-8	6 X 8	2.2	4.5	6	4.6	1.7	8	18.1
PO60-10	6 X 10	2.2	4.5	6	4.6	1.7	10	20.1

Surgical planning POWER OM



		A	B	C	D	E	F	G
CODE	IMPLANT MEASURE (Ø x H)	CORE Ø AT TIP	THREAD Ø AT TIP	IMPLANT Ø (MAJOR DIAMETER RELATES TO THE FIRST CREST)	NECK Ø	THREAD PITCH	SURFACE TREATMENT H	TOTAL H
PO034-8	3.4 X 8	1.35	2.75	3.4	3.4	1.4	8	18.1
PO034-10	3.4 X 10	1.35	2.75	3.4	3.4	1.4	10	20.1
PO034-11.5	3.4 X 11.5	1.35	2.75	3.4	3.4	1.4	11.5	21.6
PO034-13	3.4 X 13	1.35	2.75	3.4	3.4	1.4	13	23.1
PO034-15	3.4 X 15	1.35	2.75	3.4	3.4	1.4	15	25.1
PO034-18	3.4 x 18	1.35	2.75	3.4	3.4	1.4	18	28.1
PO040-8	4 X 8	1.4	3.15	4	3.4	1.6	8	18.1
PO040-10	4 X 10	1.4	3.15	4	3.4	1.6	10	20.1
PO040-11.5	4 X 11.5	1.4	3.15	4	3.4	1.6	11.5	21.6
PO040-13	4 X 13	1.4	3.15	4	3.4	1.6	13	23.1
PO040-15	4 X 15	1.4	3.15	4	3.4	1.6	15	25.1
PO040-18	4 X 18	1.4	3.15	4	3.4	1.6	18	28.1
PO050-6	5 X 6	1.8	3.85	5	4	1.7	6	16.1
PO050-8	5 X 8	1.8	3.85	5	4	1.7	8	18.1
PO050-10	5 X 10	1.8	3.85	5	4	1.7	10	20.1
PO050-11.5	5 X 11.5	1.8	3.85	5	4	1.7	11.5	21.6
PO050-13	5 X 13	1.8	3.85	5	4	1.7	13	23.1
PO050-15	5 X 15	1.8	3.85	5	4	1.7	15	25.1
PO060-6	6 X 6	2.2	4.5	6	4.6	1.7	6	16.1
PO060-8	6 X 8	2.2	4.5	6	4.6	1.7	8	18.1
PO060-10	6 X 10	2.2	4.5	6	4.6	1.7	10	20.1

Preparation



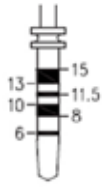
Surgical Protocol

The Power surgical protocol was developed to provide surgeons with indications on how to choose the most suitable instruments for implant site preparation, depending on the type of bone.
However, it is the duty of the surgeon to apply the most appropriate surgical protocol on the basis of his/her experience and following a thorough assessment of the clinical situation of the individual patient.
For the preparation of the implant site, IML has developed cylindrical drills with a tapered tip and depth marks in accordance with the length of the implant; they can be used with drill stops.

RECOMMENDED IMPLANT INSERTION TORQUE: 45 Ncm

LEGEND

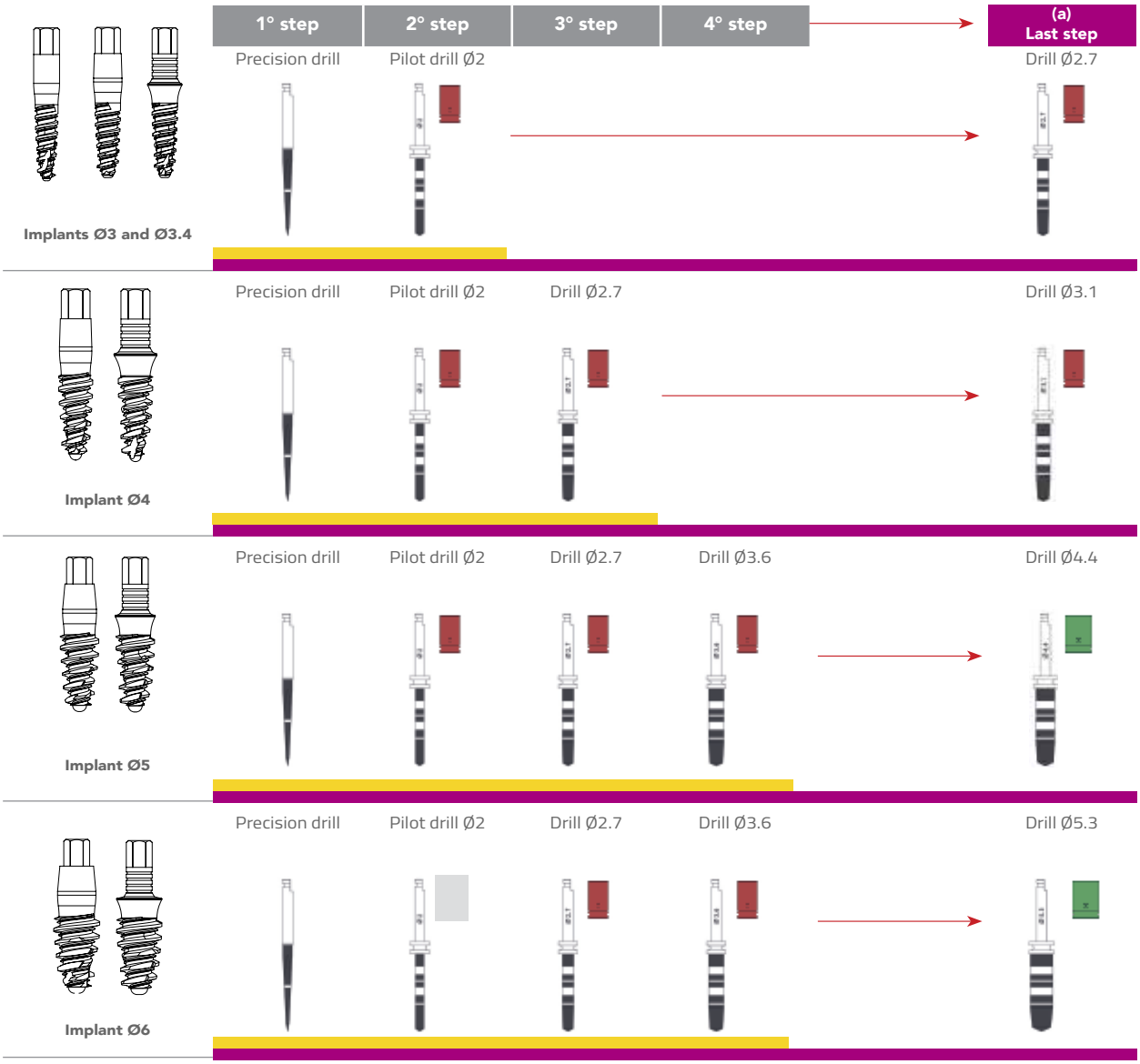
SOFT BONE
DENSE BONE
DRILLING DEPTH



Steps from 2 to 4: keep as reference mark the one corresponding to the height of the implant.
(a) Last step: use only in case of dense bone and follow the table below:

Implant height (mm)	Reference mark
6	6
8	6
10	6
11.5	6
13	6
15	6

In order to respect the above-described drilling depths, the use of the proper drill stops is recommended



PACKAGING

Packaging

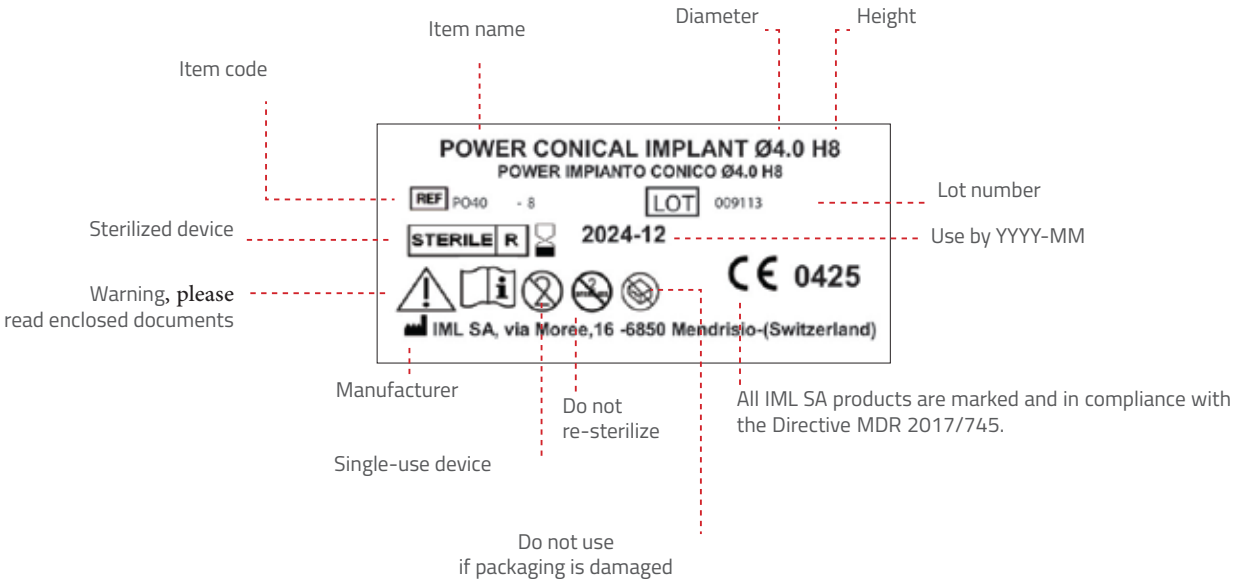
IML packaging process is performed in compliance with the standards set by the MDR 2017/745 Directive, which guarantee the sterilisation shelf-life.

All the IML implants are sterilised by beta rays.
Implants are packaged in a vial that, in turn, is placed inside a plastic container closed by a cap with safety seal and bearing a label with the identification data of the implant. Then the plastic container is placed inside a cardboard box bearing the same label. Further two copies of the label are into the cardboard box, to be placed on the implant passport and on the patient's medical record sheet.

The methacrylate vial with Polyethylene (PE) top is carefully washed and dried.

The transparent Polyethylene Terephthalate (PET) container is closed with a white Polypropylene (PP) stopper with a safety seal.

The cardboard box (3.5 x 6.2 x 3.5 cm) must be stored in a dry place at room temperature.



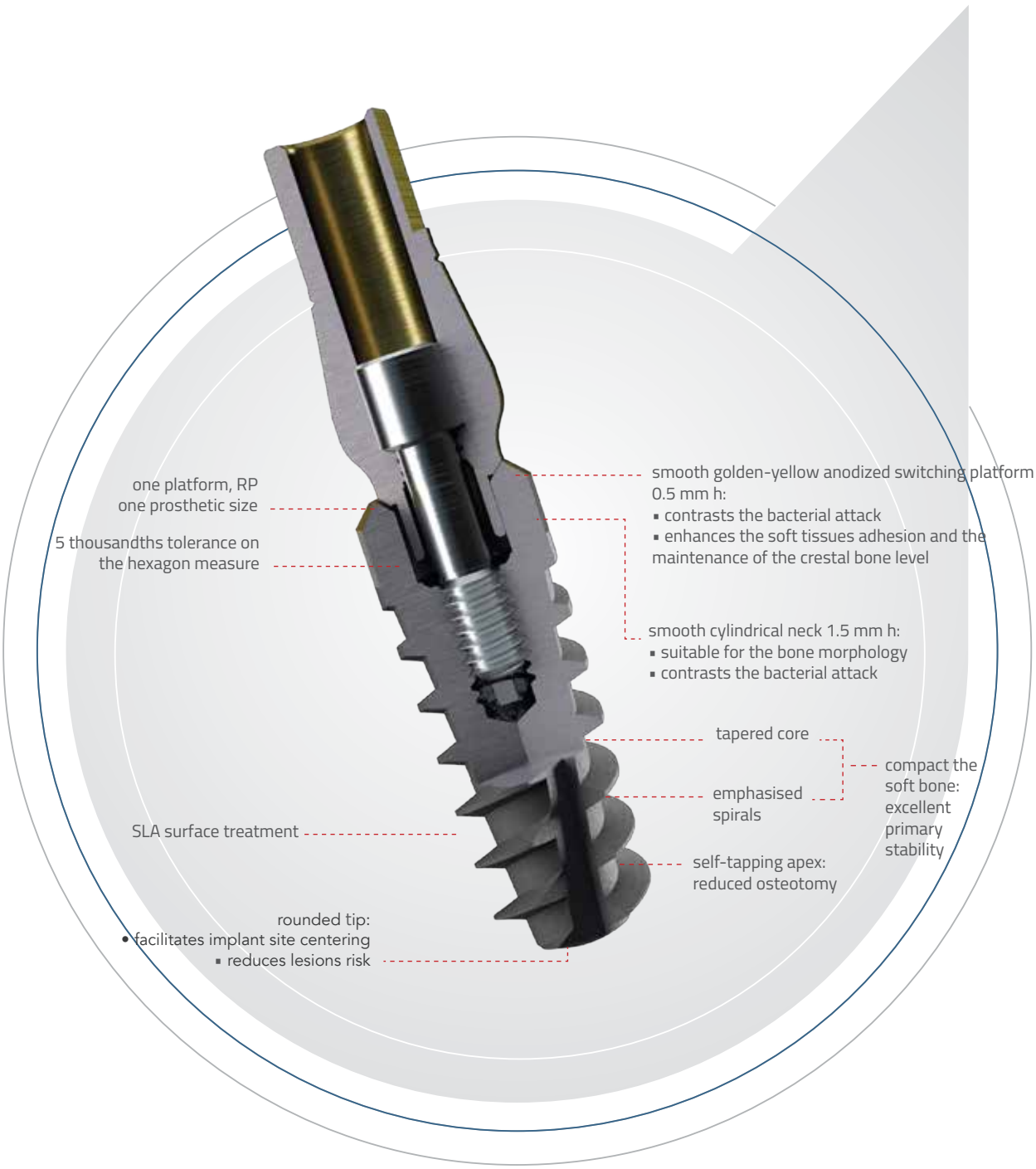
JUPITER
the easy implant

JUPITER

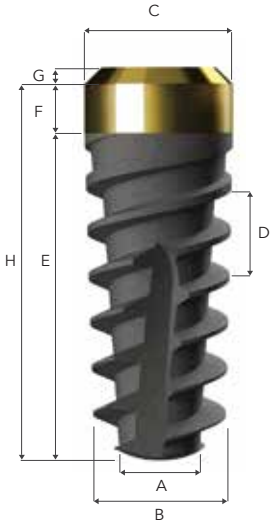
			A	B	C	D	E	F	G	H
CODE	IMPLANT MEASURE (Ø x H)	PLATFORM TYPE	CORE Ø AT TIP	THREAD Ø AT TIP	IMPLANT Ø	THREAD PITCH DOUBLE-) (START	SURFACE TREATMENT H	NECK H	NECK Ø	THREAD ZONE H
JUM35-6RP	3.5 x 6	RP	2.10	3.25	3.60	2.20	0	1.00	3.60	5.50
JUM35-8RP	3.5 x 8	RP	2.10	3.25	3.60	2.20	8.00	1.00	3.60	7.00
JUM35-10RP	3.5 x 10	RP	2.10	3.25	3.60	2.20	10.00	1.00	3.60	9.00
JUM35-11.5RP	3.5 x 11.5	RP	2.10	3.25	3.60	2.20	11.50	1.00	3.60	10.50
JUM35-13RP	3.5 x 13	RP	2.10	3.25	3.60	2.20	13.00	1.00	3.60	12.00
JUM35-15RP	3.5 x 15	RP	2.10	3.25	3.60	2.20	15.00	1.00	3.60	14.00
JUM38-6RP	3.8 x 6	RP	2.10	3.25	3.80	2.20	6.50	1.00	3.60	5.50
JUM38-8RP	3.8 x 8	RP	2.00	3.25	3.80	2.20	8.00	1.00	3.60	7.00
JUM38-10RP	3.8 x 10	RP	2.00	3.25	3.80	2.20	10.00	1.00	3.60	9.00
JUM38-11.5RP	3.8 x 11.5	RP	2.00	3.25	3.80	2.20	11.50	1.00	3.60	10.50
JUM38-13RP	3.8 x 13	RP	2.00	3.25	3.80	2.20	13.00	1.00	3.60	12.00
JUM38-15RP	3.8 x 15	RP	2.00	3.75	3.80	2.20	15.00	1.00	3.60	14.00
JUM43-6RP	4.3 x 6	RP	2.50	3.75	4.30	2.20	6.50	1.00	3.70	5.50
JUM43-8RP	4.3 x 8	RP	2.50	3.75	4.30	2.20	8.00	1.00	3.70	7.00
JUM43-10RP	4.3 x 10	RP	2.50	3.75	4.30	2.20	10.00	1.00	3:70	9.00
JUM43-11.5RP	4.3 x 11.5	RP	2.50	3.75	4.30	2.20	11.50	1.00	3.70	10.50
JUM43-13RP	4.3 x 13	RP	2.50	3.75	4.30	2.20	13.00	1.00	3.70	12.00
JUM43-15RP	4.3 x 15	RP	2.50	3.75	4.30	2.20	15.00	1.00	3.70	14.00
JUM50-6RP	5x6	RP	2.95	4.10	5.00	2.20	6.50	1.00	4.10	5.50
JUM50-8RP	5x8	RP	2.95	4.10	5.00	2.20	8:00	1.00	4.10	7.00
JUM50-10RP	5 x 10	RP	2.95	4.10	5.00	2.20	10.00	1.00	4.10	9.00
JUM50-11.5RP	5 x 11.5	RP	2.95	4.10	5.00	2.20	11.50	1.00	4.10	10.50
JUM50-13RP	5 x 13	RP	2.95	4.10	5.00	2.20	13.00	1.00	4.10	12.00
JUM50-15RP	5 x 15	RP	2.95	4.10	5.00	2.20	15.00	1.00	4.10	14.00

Jupiter is a versatile implant system developed to guarantee high primary stability, perfect for clinical cases requiring immediate loading.
The reduced-size neck allows flexible crown-apical positioning and reduces stress in the cortical area, promoting healing. The design of the Jupiter implant guarantees high
performance in clinical cases requiring immediate loading. The macro-anatomy of the design guarantees high primary stability even in sites with qualitative and quantitative bone
deficits; the pronounced design of the threads and a significant discrepancy between implant diameter and core are the two features that favour the immediate approach.
The pure medical titanium and the surface treatment used increase the speed of osseointegration, reducing the risk of early failure.

STARFLY SYSTEM



Starfly implant



UNIT OF MEASUREMENT: mm

			A	B	C	D	E	F	G	H
CODE	IMPLANT MEASURE (Ø x H)	PLATFORM TYPE	CORE Ø AT TIP	THREAD Ø AT TIP	IMPLANT Ø	THREAD PITCH (DOUBLE-START)	SURFACE TREATMENT H	NECK H	ANODISED SWITCHING PLATFORM H	IMPLANT ENDO-OSSEUS H
SF35-8RP	3.5 x 8	RP	1.7	3.1	3.5	2.4	6.5	1.5	0.5	8
SF35-10RP	3.5 x 10	RP	1.7	3.1	3.5	2.4	8.5	1.5	0.5	10
SF35-11.5RP	3.5 x 11.5	RP	1.7	3.1	3.5	2.4	10	1.5	0.5	11.5
SF35-13RP	3.5 x 13	RP	1.7	3.1	3.5	2.4	11.5	1.5	0.5	13
SF35-15RP	3.5 x 15	RP	1.7	3.1	3.5	2.4	13.5	1.5	0.5	15
SF40-8RP	4 x 8	RP	2.2	3.5	4	2.4	6.5	1.5	0.5	8
SF40-10RP	4 x 10	RP	2.2	3.5	4	2.4	8.5	1.5	0.5	10
SF40-11.5RP	4 x 11.5	RP	2.2	3.5	4	2.4	10	1.5	0.5	11.5
SF40-13RP	4 x 13	RP	2.2	3.5	4	2.4	11.5	1.5	0.5	13
SF40-15RP	4 x 15	RP	2.2	3.5	4	2.4	13.5	1.5	0.5	15
SF45-6RP	4.5 x 6	RP	2.5	4	4.5	2.8	4.5	1.5	0.5	6
SF45-8RP	4.5 x 8	RP	2.5	4	4.5	2.8	6.5	1.5	0.5	8
SF45-10RP	4.5 x 10	RP	2.5	4	4.5	2.8	8.5	1.5	0.5	10
SF45-11.5RP	4.5 x 11.5	RP	2.5	4	4.5	2.8	10	1.5	0.5	11.5
SF45-13RP	4.5 x 13	RP	2.5	4	4.5	2.8	11.5	1.5	0.5	13
SF50-6RP	5 x 6	RP	2.5	4.5	5	2.8	4.5	1.5	0.5	6
SF50-8RP	5 x 8	RP	2.5	4.5	5	2.8	6.5	1.5	0.5	8
SF50-10RP	5 x 10	RP	2.5	4.5	5	2.8	8.5	1.5	0.5	10
SF50-11.5RP	5 x 11.5	RP	2.5	4.5	5	2.8	10	1.5	0.5	11.5
SF50-13RP	5 x 13	RP	2.5	4.5	5	2.8	11.5	1.5	0.5	13
SF60-6RP	6 x 6	RP	3.1	5.1	5.9	2.8	4.5	1.5	0.5	6
SF60-8RP	6 x 8	RP	3.1	5.1	5.9	2.8	6.5	1.5	0.5	8
SF60-10RP	6 x 10	RP	3.1	5.1	5.9	2.8	8.5	1.5	0.5	10

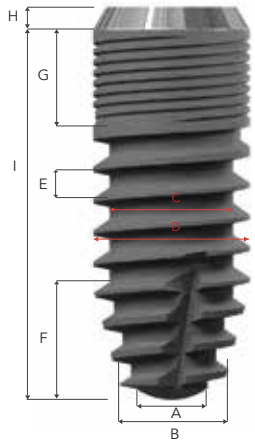
NOTE:

The implant is supplied complete with cover screw.

For all implant measures:
Interface: Ø3.5 RP
Hexagon measure: 2.43
Internal thread: 1-72 UNF

INFINITY SYSTEM

infinity implant



UNIT OF MEASUREMENT: mm

			A	B	C	D	E	F	G	H	I
CODE	IMPLANT MEASURE (Ø x H)	PLATFORM TYPE	CORE Ø AT TIP	RIDGE Ø AT THE TIP	BODY CORE Ø	BODY RIDGE Ø	THREAD PITCH (SINGLE START)	H CONICAL PORTION	NECK H	SWITCHING PLATFORM H	SURFACE TREATMENT H
IN33-10RP	3.3 x 10	RP	1.1	1.9	2.5	3.3	0.85	3	2.5	0.6	10
IN33-11.5RP	3.3 x 11.5	RP	1.1	1.9	2.5	3.3	0.85	3	2.5	0.6	11.5
IN33-13RP	3.3 x 13	RP	1.1	1.9	2.5	3.3	0.85	3	2.5	0.6	13
IN38-6RP	3.8 x 6	RP	2	2.9	2.9	3.8	0.85	2.8	2	0.6	6
IN38-8RP	3.8 x 8	RP	1.5	2.4	2.9	3.8	0.85	3	2.5	0.6	8
IN38-10RP	3.8 x 10	RP	1.5	2.4	2.9	3.8	0.85	3	2.5	0.6	10
IN38-11.5RP	3.8 x 11.5	RP	1.5	2.4	2.9	3.8	0.85	3	2.5	0.6	11.5
IN38-13RP	3.8 x 13	RP	1.5	2.4	2.9	3.8	0.85	3	2.5	0.6	13
IN38-15RP	3.8 x 15	RP	1.5	2.4	2.9	3.8	0.85	3	2.5	0.6	15
IN38-18RP	3.8 x 18	RP	1.5	2.4	2.9	3.8	0.85	3	2.5	0.6	18
IN42-8RP	4.2 x 8	RP	1.9	2.8	3.3	4.2	0.85	3	2.5	0.6	8
IN42-10RP	4.2 x 10	RP	1.9	2.8	3.3	4.2	0.85	3	2.5	0.6	10
IN42-11.5RP	4.2 x 11.5	RP	1.9	2.8	3.3	4.2	0.85	3	2.5	0.6	11.5
IN42-13RP	4.2 x 13	RP	1.9	2.8	3.3	4.2	0.85	3	2.5	0.6	13
IN46-8RP	4.6 x 8	RP	2.3	3.2	3.7	4.6	0.85	3	2.5	0.6	8
IN46-10RP	4.6 x 10	RP	2.3	3.2	3.7	4.6	0.85	3	2.5	0.6	10
IN46-11.5RP	4.6 x 11.5	RP	2.3	3.2	3.7	4.6	0.85	3	2.5	0.6	11.5
IN46-13RP	4.6 x 13	RP	2.3	3.2	3.7	4.6	0.85	3	2.5	0.6	13
IN52-6RP	5.2 x 6	RP	2.8	3.8	4.25	5.2	0.85	2.5	1.5	0.6	6
IN52-8RP	5.2 x 8	RP	2.8	3.8	4.25	5.2	0.85	3	2.5	0.6	8
IN52-10RP	5.2 x 10	RP	2.8	3.8	4.25	5.2	0.85	3	2.5	0.6	10
IN52-11.5RP	5.2 x 11.5	RP	2.8	3.8	4.25	5.2	0.85	3	2.5	0.6	11.5
IN52-13RP	5.2 x 13	RP	2.8	3.8	4.25	5.2	0.85	3	2.5	0.6	13

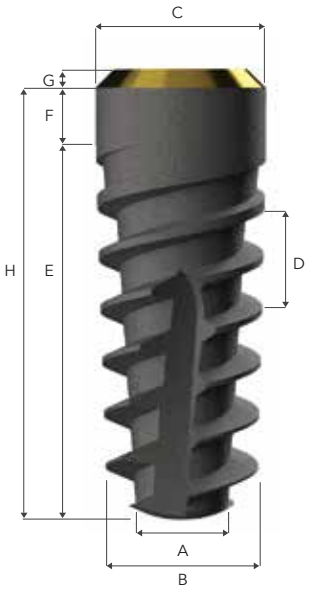
UNIT OF MEASUREMENT: mm

NOTE:

The implant is supplied complete with cover screw.

ITROS-N SYSTEM

Itros-N implant



			A	B	C	D	E	F	G	H
CODE	IMPLANT MEASURE (Ø x H)	PLATFORM TYPE	CORE Ø AT TIP	THREAD Ø AT TIP	IMPLANT Ø	THREAD PITCH (DOUBLE-START)	H THREAD PORTION	NECK TREATED H	ANODISED SWITCHING PLATFORM H	ENDO-OSSEUS IMPLANT SURFACE TREATED H
IT35-8RP	3.5 x 8	RP	2.0	3.2	3.6	2.4	6.5	1.5	0.5	8
IT35-10RP	3.5 x 10	RP	2.0	3.2	3.6	2.4	8.5	1.5	0.5	10
IT35-11.5RP	3.5 x 11.5	RP	2.0	3.2	3.6	2.4	10	1.5	0.5	11.5
IT35-13RP	3.5 x 13	RP	2.0	3.2	3.6	2.4	11.5	1.5	0.5	13
IT35-15RP	3.5 x 15	RP	2.0	3.2	3.6	2.4	13.5	1.5	0.5	15
IT40-8RP	4 x 8	RP	2.2	3.5	4	2.4	6.5	1.5	0.5	8
IT40-10RP	4 x 10	RP	2.2	3.5	4	2.4	8.5	1.5	0.5	10
IT40-11.5RP	4 x 11.5	RP	2.2	3.5	4	2.4	10	1.5	0.5	11.5
IT40-13RP	4 x 13	RP	2.2	3.5	4	2.4	11.5	1.5	0.5	13
IT40-15RP	4 x 15	RP	2.2	3.5	4	2.4	13.5	1.5	0.5	15
IT45-6RP	4.5 x 6	RP	2.5	4	4.5	2.8	4.5	1.5	0.5	6
IT45-8RP	4.5 x 8	RP	2.5	4	4.5	2.8	6.5	1.5	0.5	8
IT45-10RP	4.5 x 10	RP	2.5	4	4.5	2.8	8.5	1.5	0.5	10
IT45-11.5RP	4.5 x 11.5	RP	2.5	4	4.5	2.8	10	1.5	0.5	11.5
IT45-13RP	4.5 x 13	RP	2.5	4	4.5	2.8	11.5	1.5	0.5	13
IT50-6RP	5 x 6	RP	2.5	4.5	5	2.8	4.5	1.5	0.5	6
IT50-8RP	5 x 8	RP	2.5	4.5	5	2.8	6.5	1.5	0.5	8
IT50-10RP	5 x 10	RP	2.5	4.5	5	2.8	8.5	1.5	0.5	10
IT50-11.5RP	5 x 11.5	RP	2.5	4.5	5	2.8	10	1.5	0.5	11.5
IT50-13RP	5 x 13	RP	2.5	4.5	5	2.8	11.5	1.5	0.5	13
IT60-6RP	6 x 6	RP	3.1	5.1	5.9	2.8	4.5	1.5	0.5	6
IT60-8RP	6 x 8	RP	3.1	5.1	5.9	2.8	6.5	1.5	0.5	8
IT60-10RP	6 x 10	RP	3.1	5.1	5.9	2.8	8.5	1.5	0.5	10

NOTE:

The implant is supplied complete with cover screw


NORTH AMERICA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