iml

swiss dental implants

ABOUT US

The Swiss company IML SA Swiss Dental Implants was founded in 2009 by a close-knit team of professionals with twenty-year experience in the dental industry, especially dealing with implants.

Its engineers continuously strive 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 professional.
These secrets of IML guarantee excellent products, free from manufacturing defects.

- Super-skilled operators able to develop a man-machine relationship able to optimise the features of their tools to achieve maximum performance
- Top quality titanium for medical use. grade 4 for implants and grade 5 for prostheses. 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 it for the mechanical work in the connection of an implant or in the head of a screw to be well-executed?
Just as important as it is that the abutment remains well screwed to the implant.

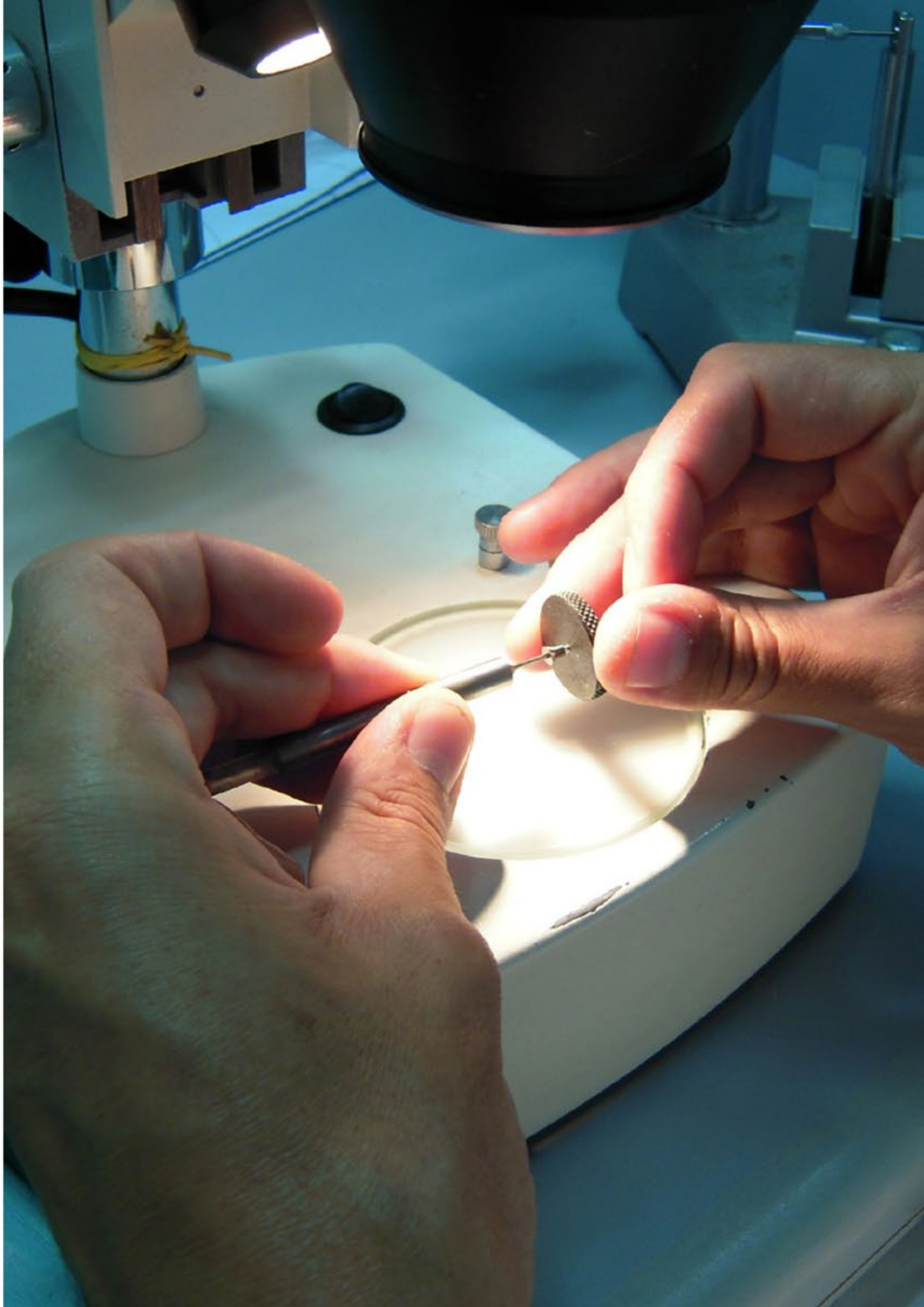
IML is fully aware of the issues generated by all types of production defects and knows how to resolve them, and above all, it knows how to obtain, and systematically repeat, a PERFECT MECHANICAL EXECUTION.
For example, IML guarantees 5 thousandths of a millimeter tolerance on the measure of the hexagonal connection of the implent, on every single implant.

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:

1. Identification of each individual component's critical points.
2. Drafting documents with a list of the critical points specific to each individual component indicating the sequence of checks to be carried out.
3. 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.
4. The operator signs off each check to certify that he or she accepts responsibility for the checks made.
5. Regular laboratory analyses check conformity of implant surfaces.



CERTIFICATIONS

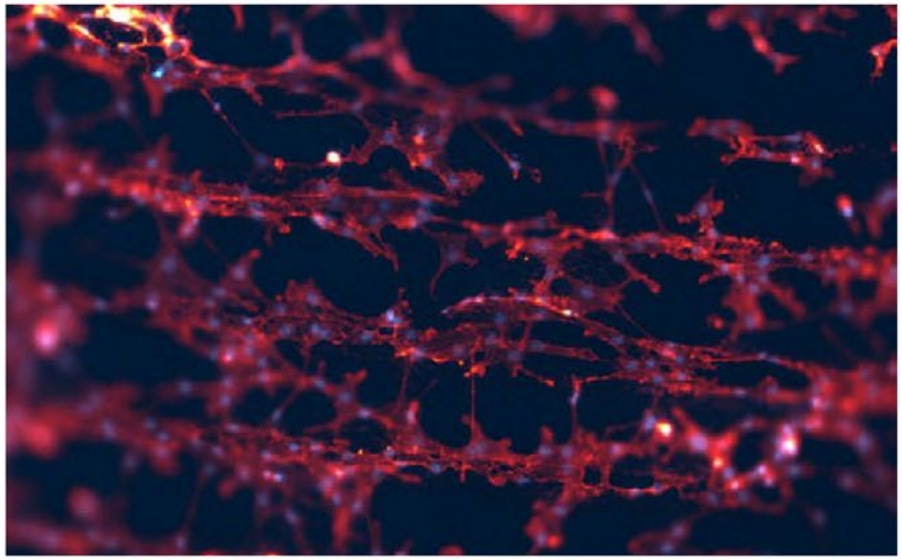
Quality Maintenance is IML's guiding principle in a lifetime project embodied in the IML Production Protocol, a constantly evolving tool applied to the daily production of each component. IML SA products are marked Medical Devices:

- **FDA 510 (k) approved**
IML SA's Quality Management for the design, manufacture, and marketing of dental implants, instrumentation, and related accessories complies with the Directives and regulations in force.

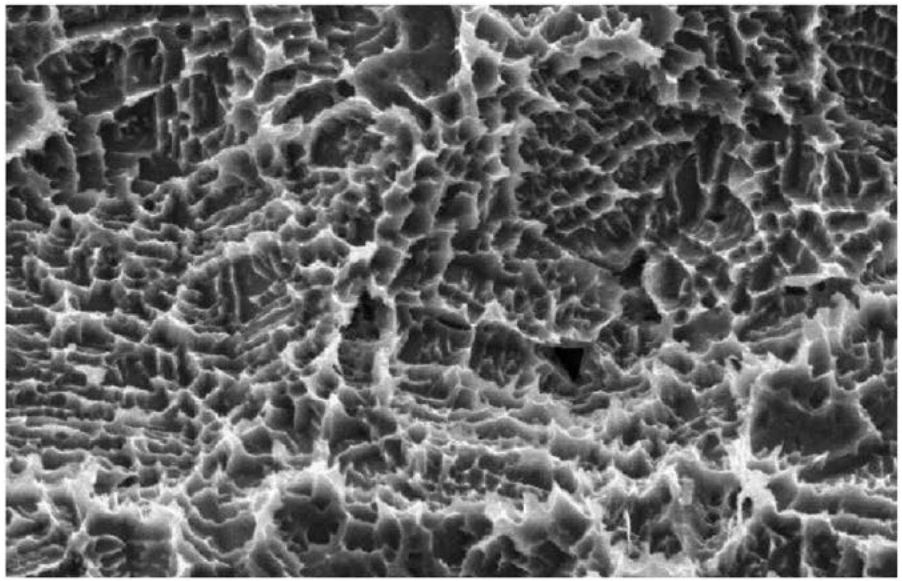
- **EC (Class I) and EC 0425 (Class IIb and Class IIa)**, manufactured in accordance with Medical Devices Directive 93/42/EEC and subsequent modifi cation, amendments, and supplements.

- **[ICIM]**
UNI-EN ISO 9001:2015
UNI CEI EN ISO 13485:2012

SL surface treatment



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



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

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 SL 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 SL 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.

Cell adhesion and roughness: laboratory analysis on IML SL treated implants

Aware 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 SL 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 SL 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 SL 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 SL 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.

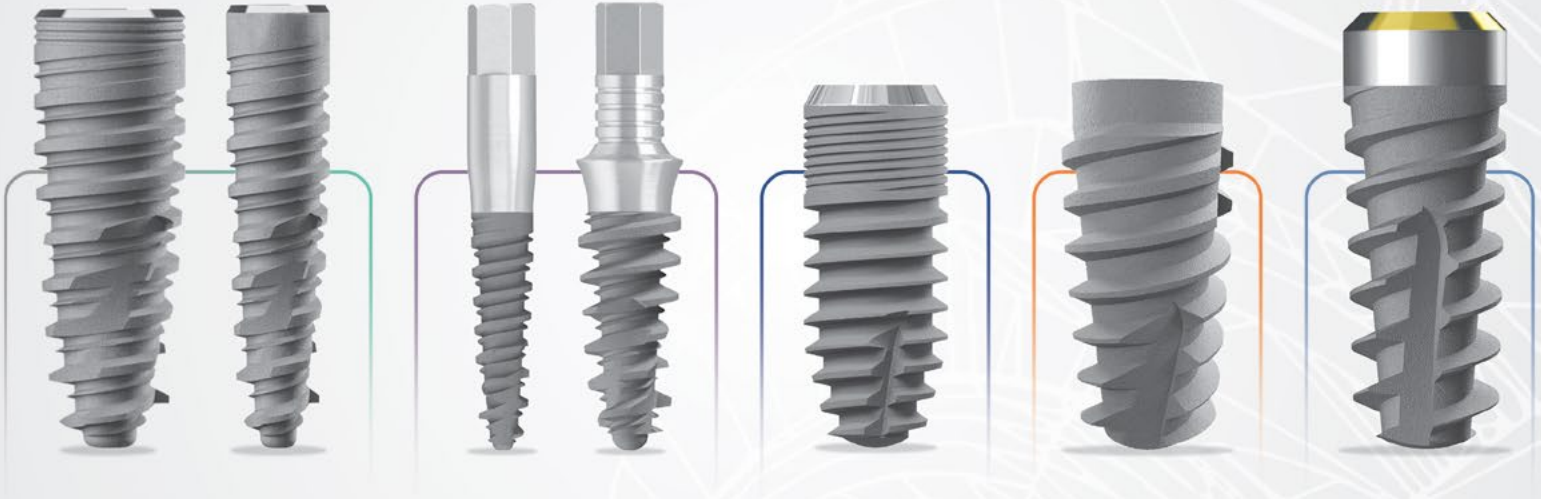
Phase 1

- 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.

IMPLANT SYSTEMS



UNIVERSE POWER INFINITY JUPITER STARFLY

imt
swiss dental implants

UNIVERSE

UNIVERSE SYSTEM

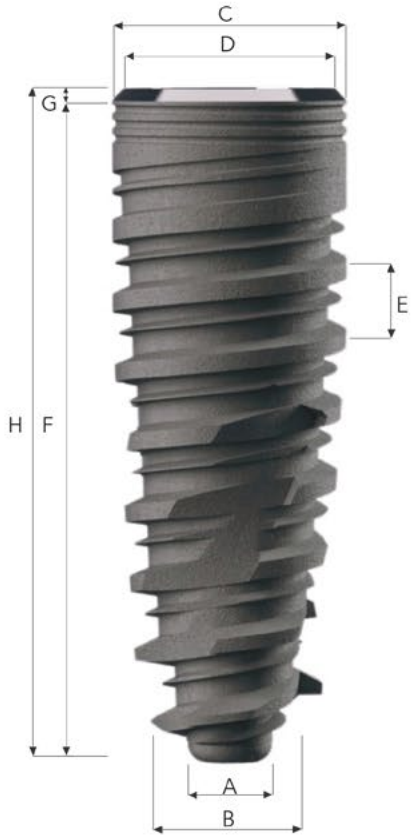
Best performance in the cases:

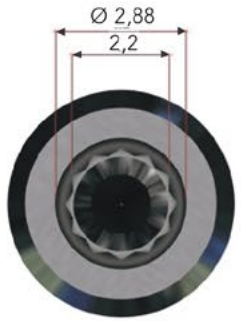
- **any bone density**
- **post extraction**
- **delayed loading**
- **immediate loading**

Universe implant

UNIT OF MEASUREMENT: mm

CODE	IMPLANT MEASURE (Ø x H)	A CORE Ø AT TIP	B THREAD Ø AT TIP	C IMPLANT Ø	D INTERFACE Ø	E THREAD PITCH	F SURFACE TREATMENT H	G SWITCHING PLATFORM H	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.

Cylindrical drills KIT

Tapered 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 ø	Implant H: 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

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.

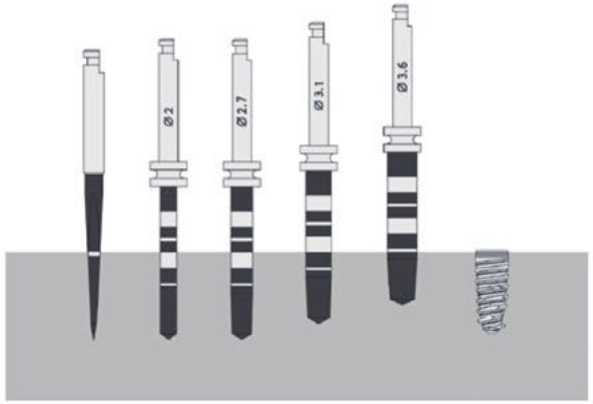
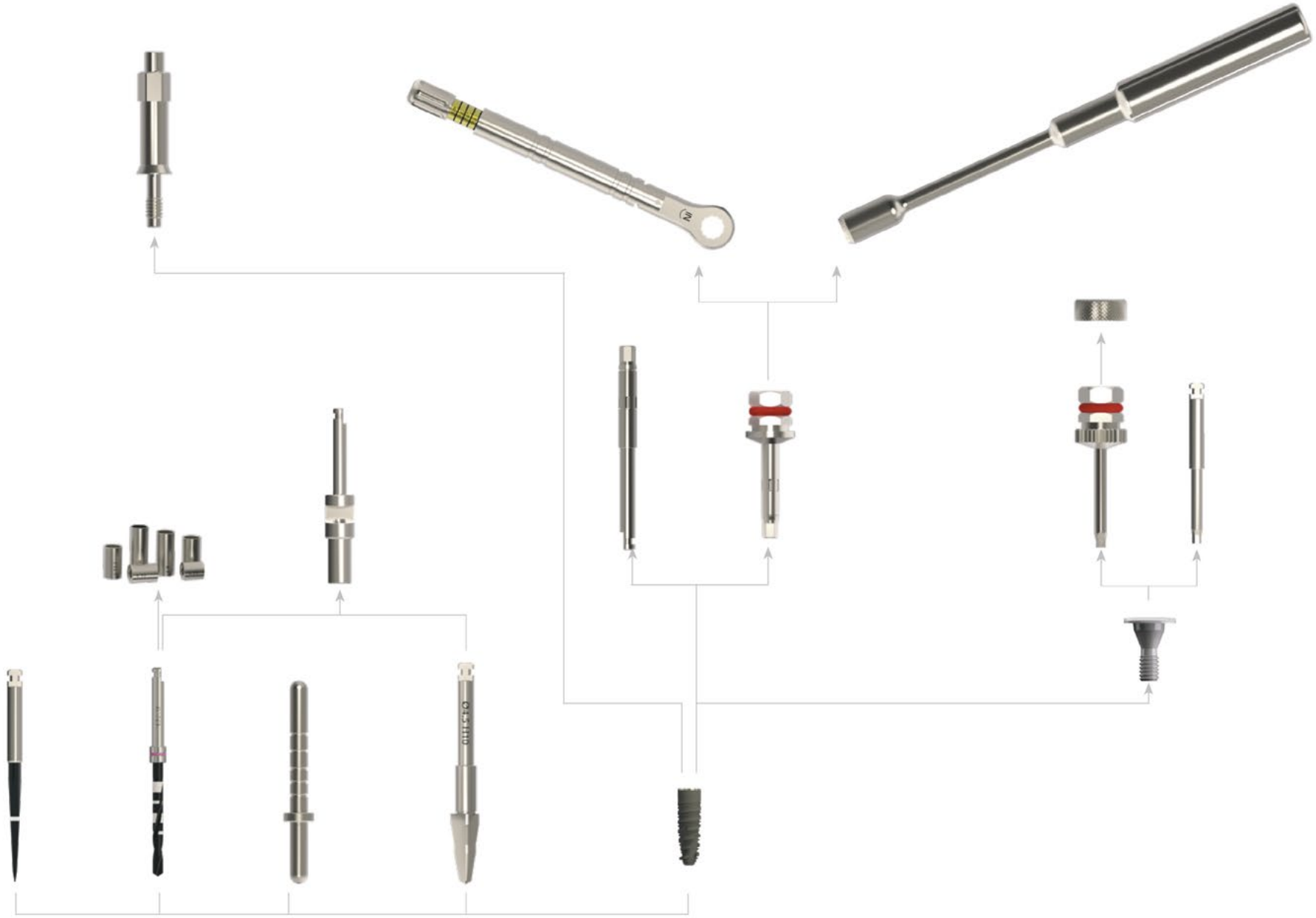


Fig. example of CD drilling sequence in dense bone of implant Ø3.4 h10
Consult the complete surgical protocol at www.iml.swiss

IMPORTANT:

- Implant must be positioned 1 mm under the crest bone.
- 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:

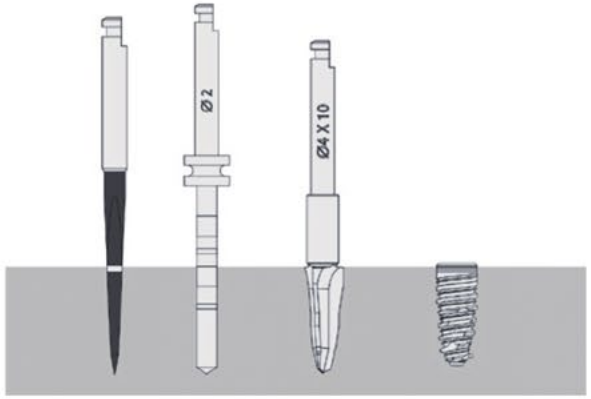


Fig. example of TD drilling sequence of implant Ø4 h10

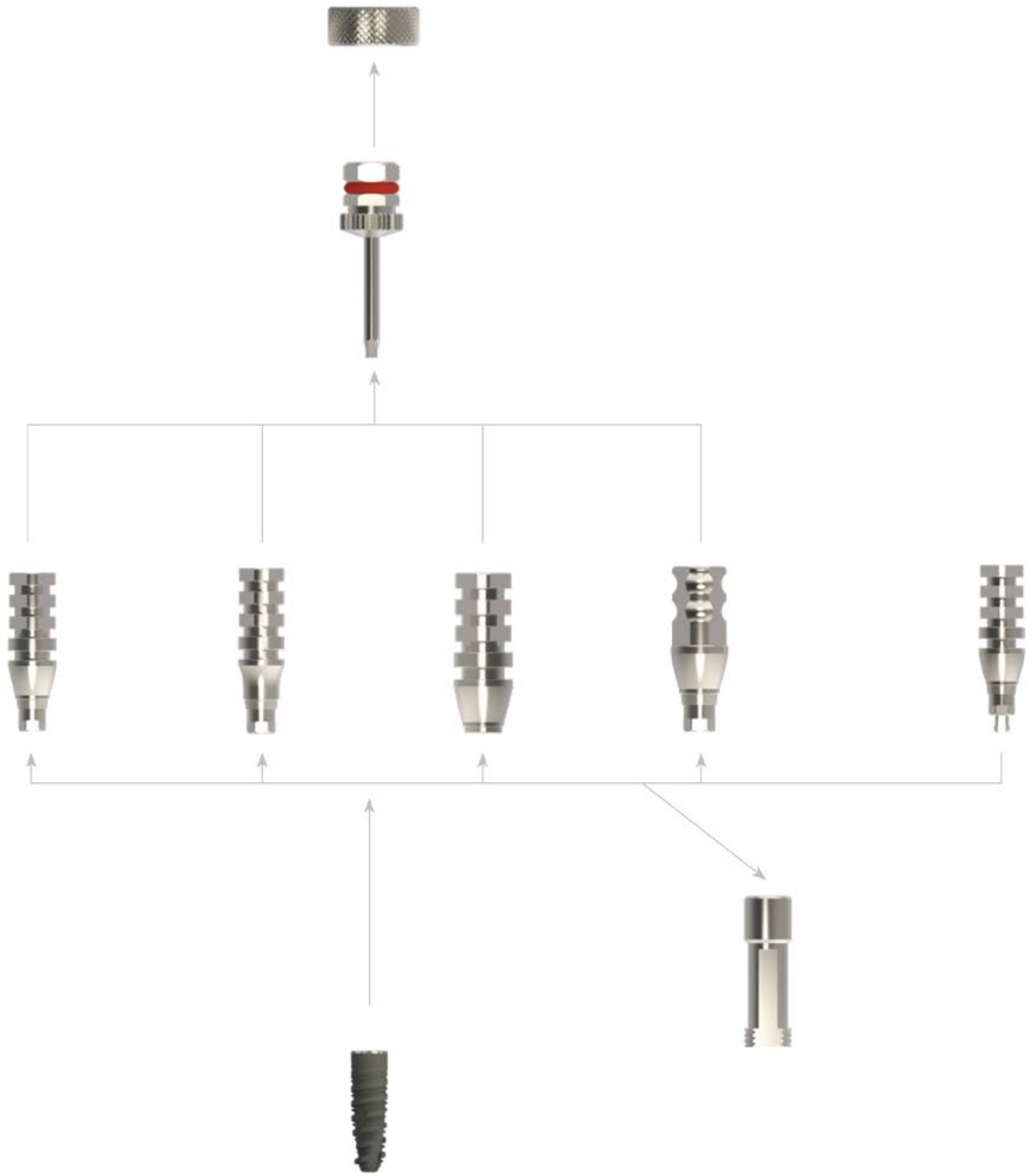
The preparation of the implant site is performed by tapered drills that optimise the bone available to place the implant, without waste.
These drills are sized at the core of each single diameter and height of the implant to facilitate the drilling protocol reducing it to three simple steps.
The particular 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:

- Implant must be positioned 1 mm under the crest bone.
- 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

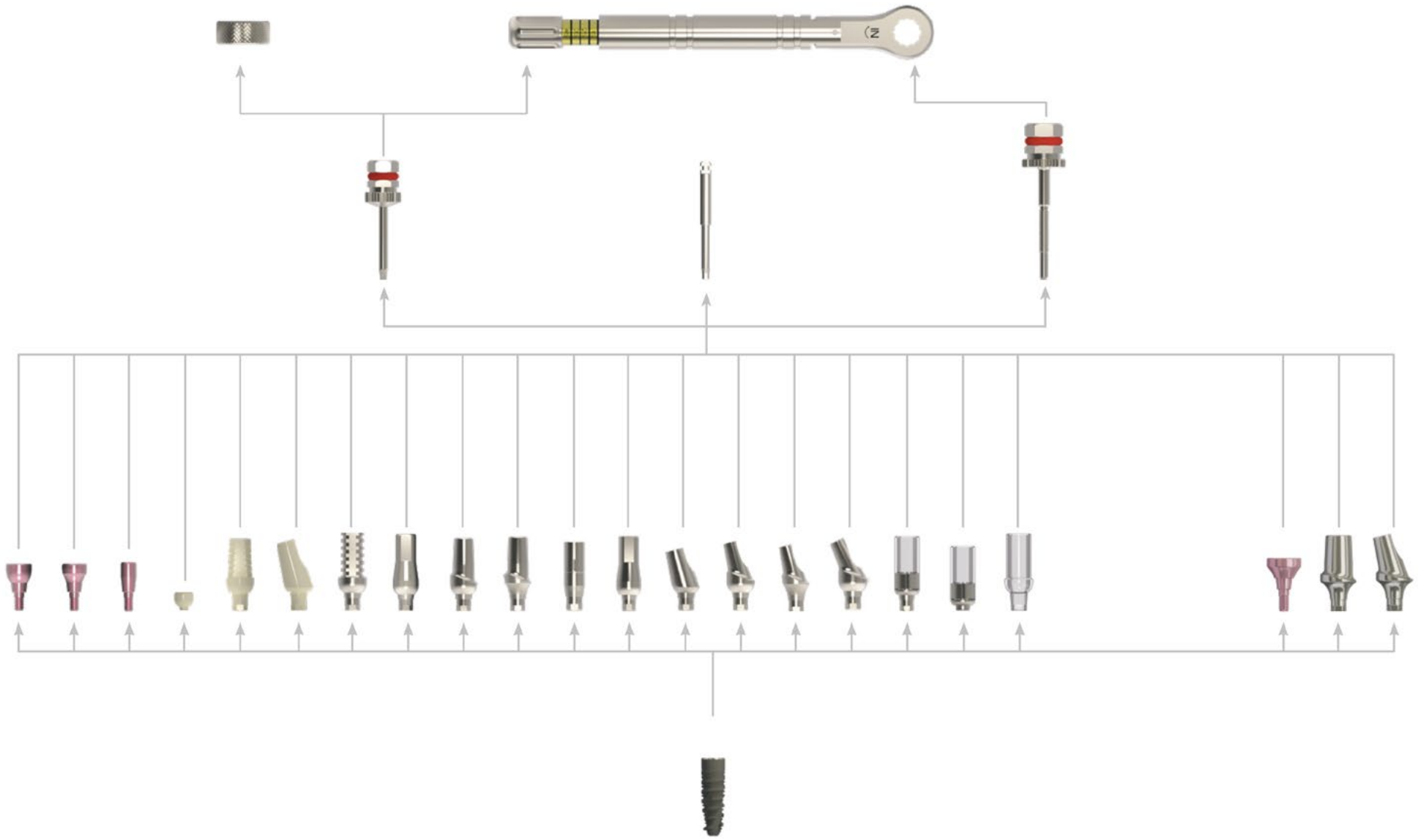
Platform		
	U	TRA-S

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

(*) Connection screw included.

Prosthetic parts

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

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

(*) Connection screw included.

XL prosthetic parts

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

Calcinable non rotating abutment (*)

Platform	H: 2
U	CALI-U

Spare

Connecting screw for abutment

VT-P

XL healing screw

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

XL aesthetic straight abutment (*)

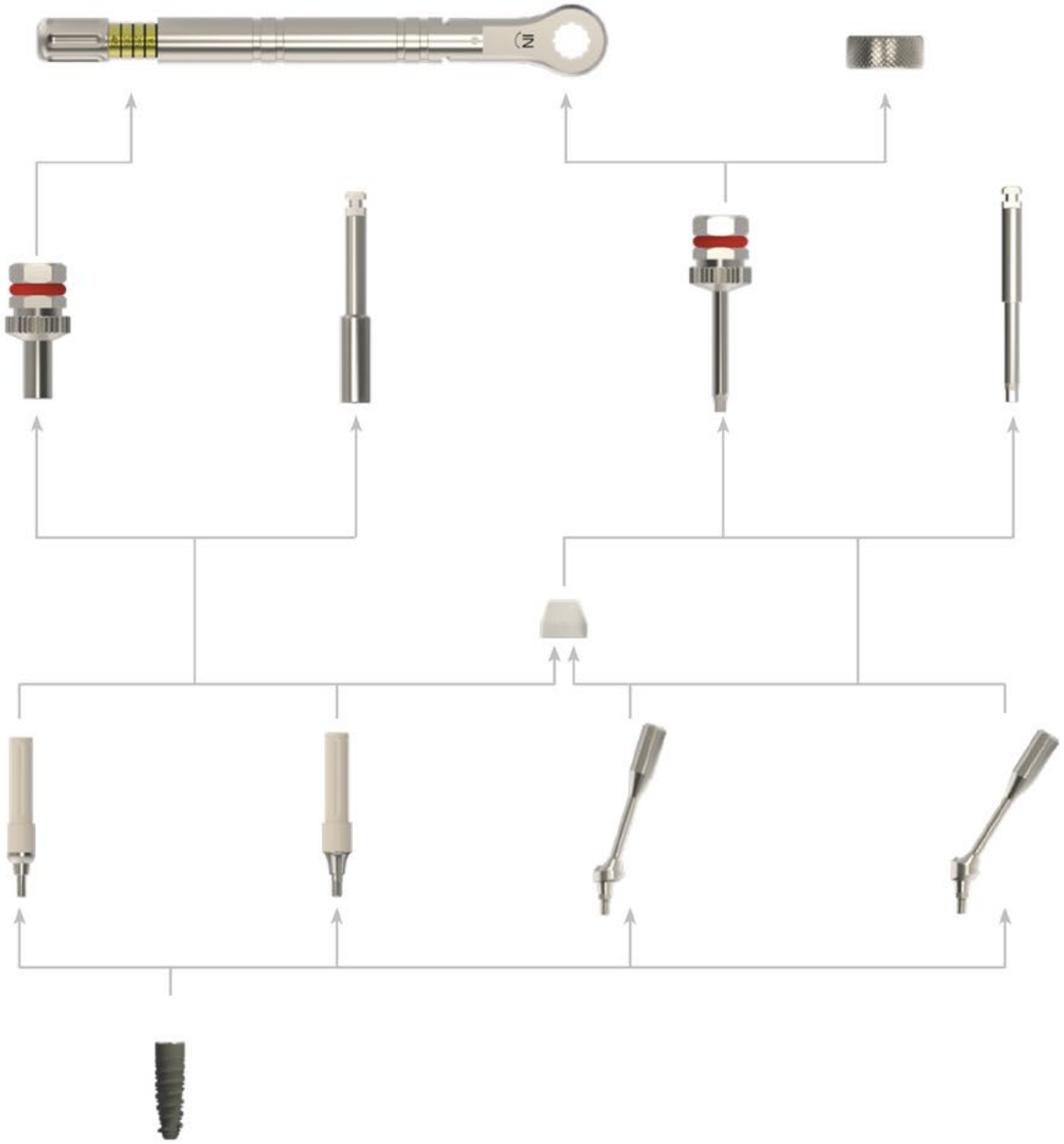
Platform	H: 1	2	3	4
U	MDIU-XL1	MDIU-XL2	MDIU-XL3	MDIU-XL4

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 (*)

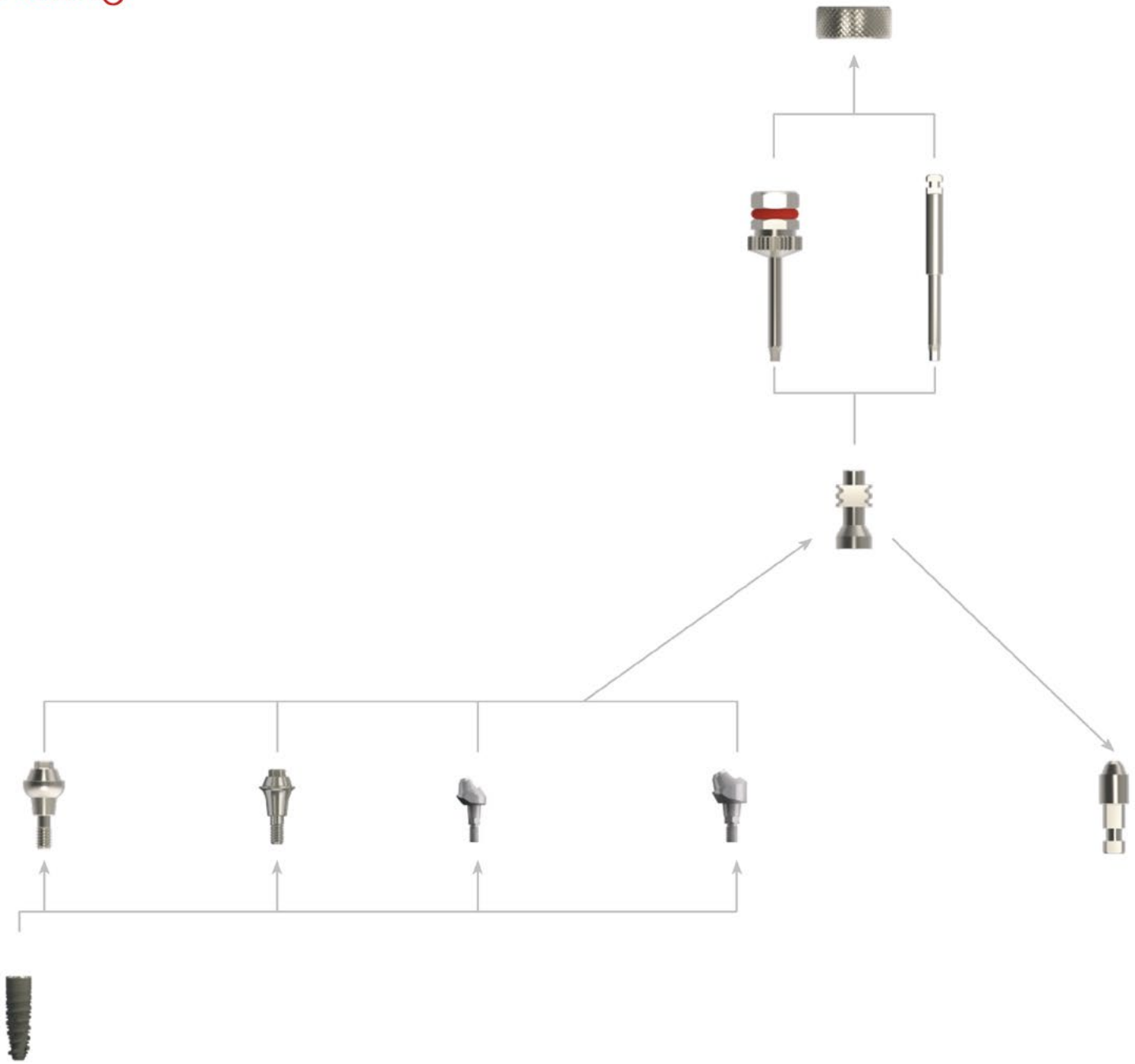
Platform	H 3	4
U	CIU17-3	CIU17-4

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

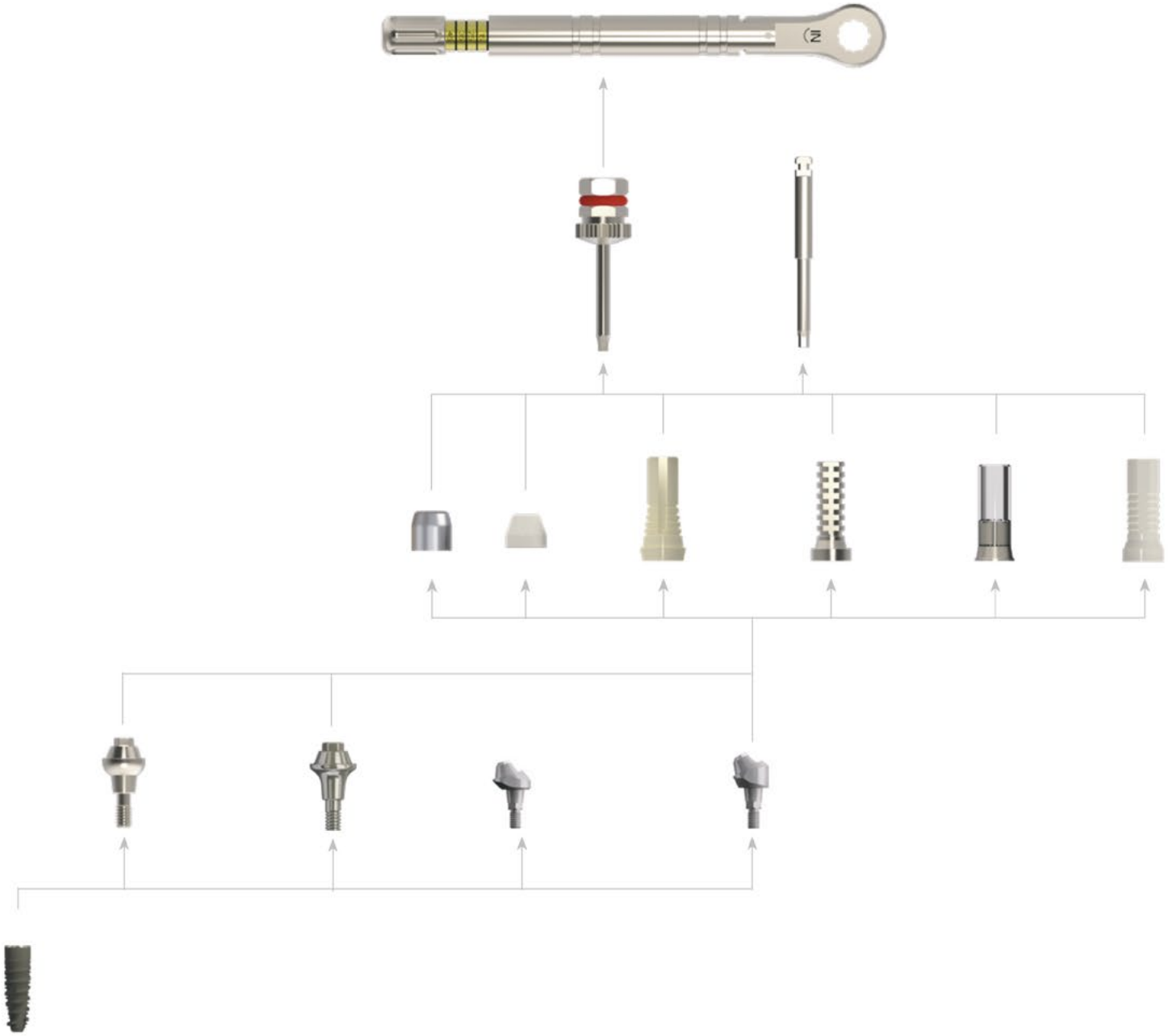
H
20
SFYV011

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 (*)

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

Scanbody ØU (*)

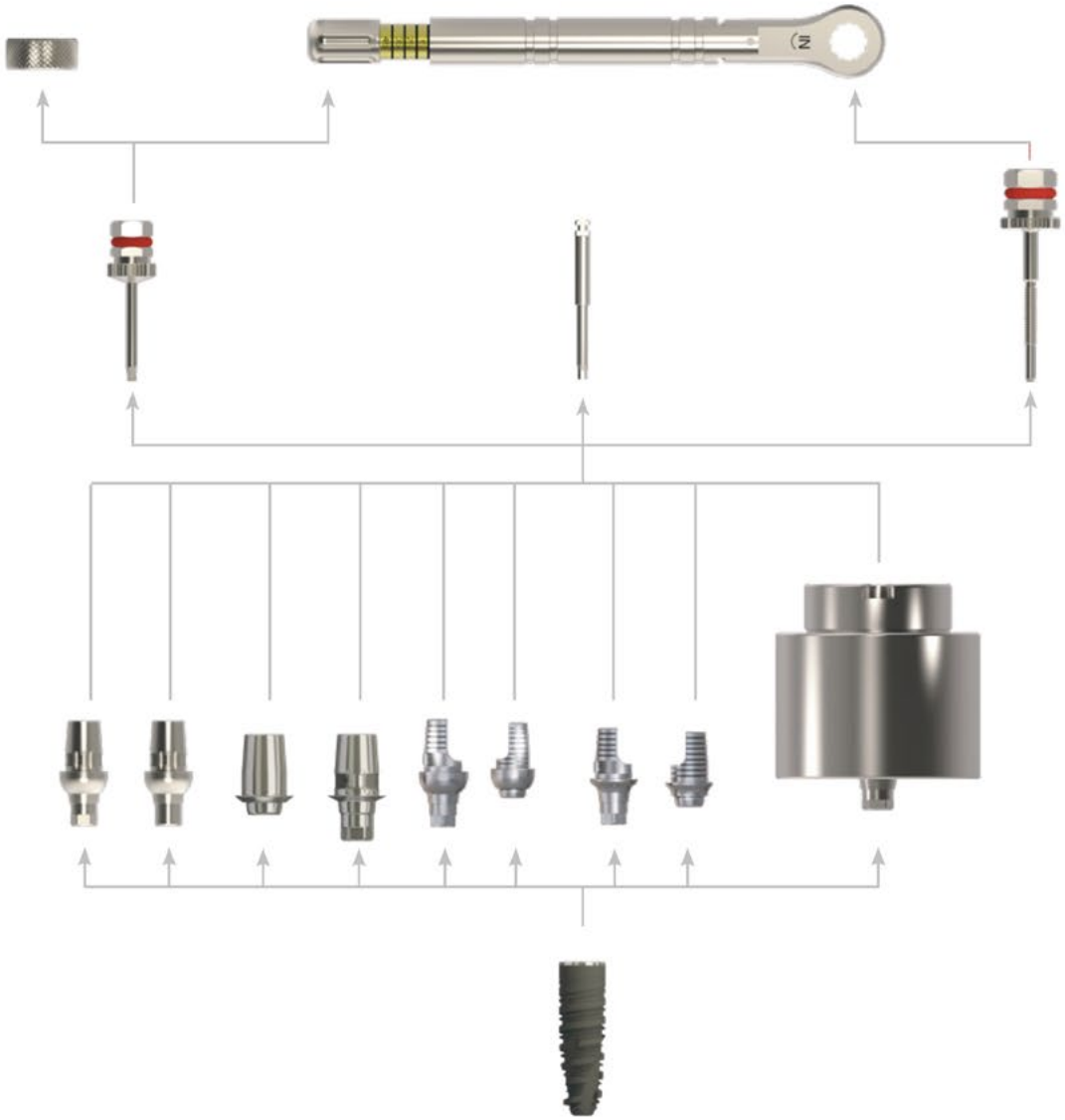
Platform	U	MDIU-80

CAD-CAM Implant replica ØU

Platform	U	ANI-CAD

(*) Connection screw included.

Restoration workflow



Prosthetic parts

Non rotating TBase abutment (*)

Platform	H 1	2	3	4
U	MDIU-51	MDIU-52	MDIU-57	MDIU-58

Rotating TBase abutment (*)

Platform	H 1	2	3	4
U	MDIU-53	MDIU-54	MDIU-59	MDIU-63

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

(*) Connection screw included.

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

Non rotating angled TBase abutment (*)

Platform	H 1	2	3	4
U	MDIU-A51	MDIU-A52	MDIU-A57	MDIU-A58

Rotating angled TBase abutment (*)

Platform	H 1	2	3	4
U	MDIU-A53	MDIU-A54	MDIU-A59	MDIU-A63

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

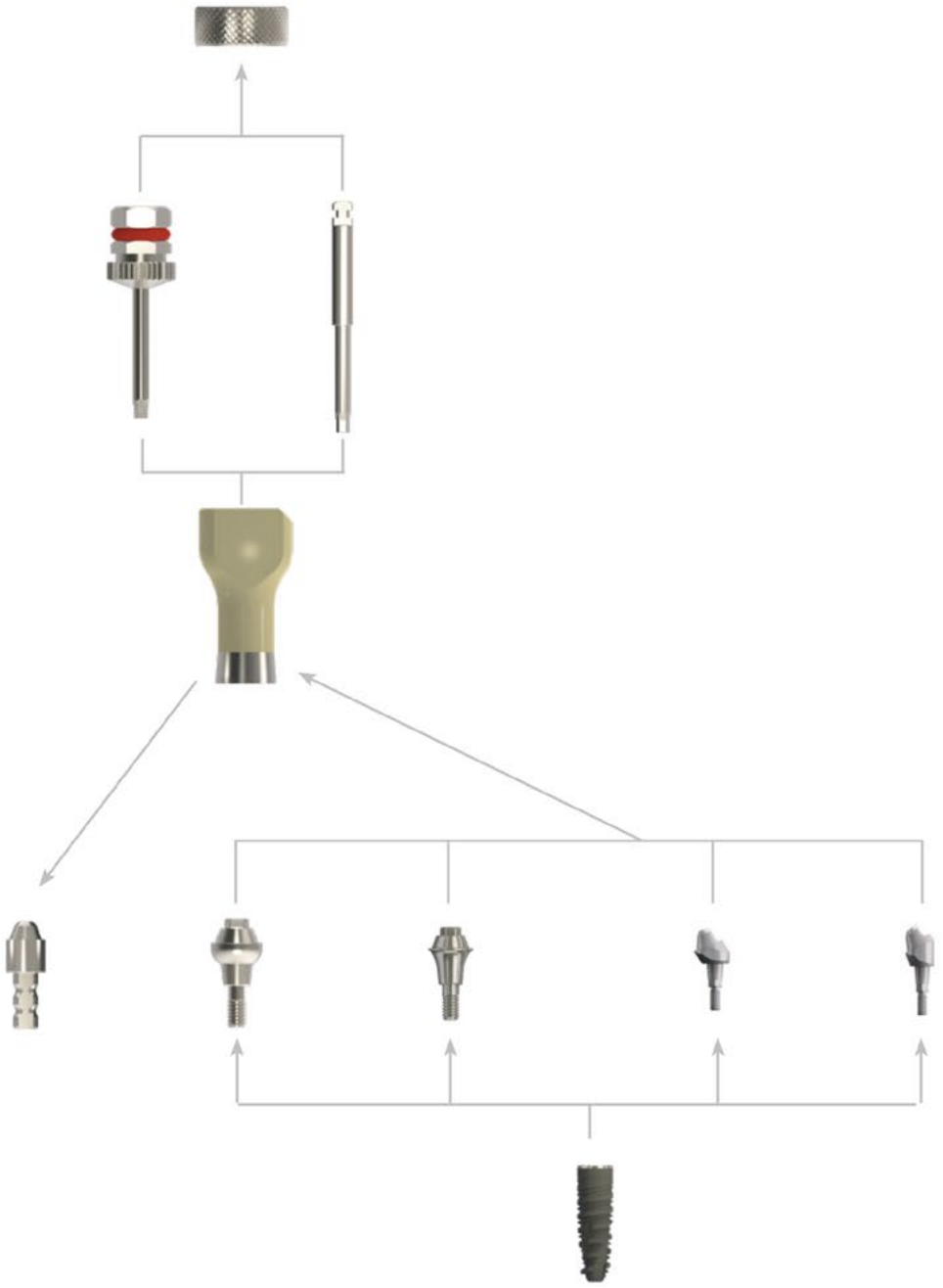
Rotating angled shift TBase abutment (*)

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

Premilled (*)

Platform	H 11.5	16
U	MDIU-60	MDIU-61

MUA impression taking



MUA lab components

MUA scanbody (*)

SFYP147

CAD-CAM MUA replica (*)

SFYP149

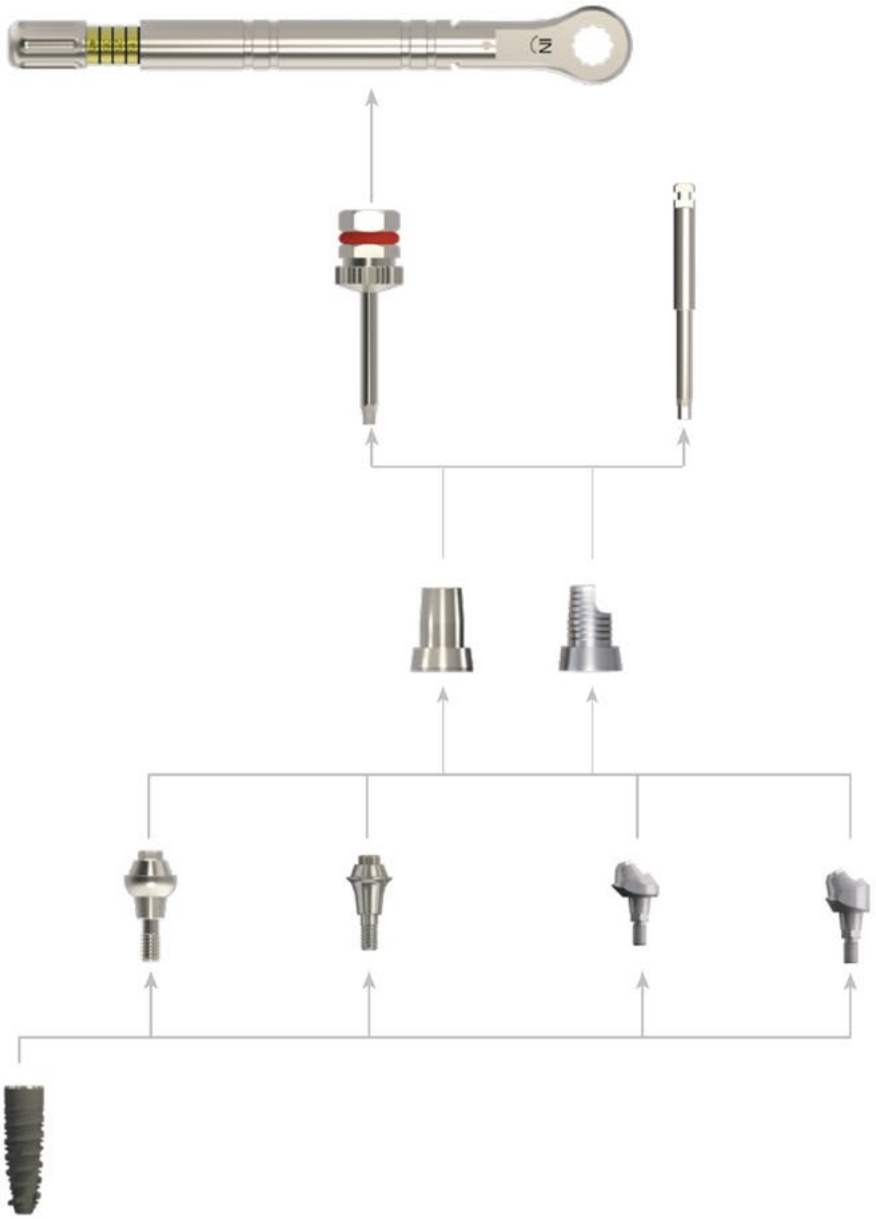
CAD-CAM fixing screw for implant replica

Spare

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

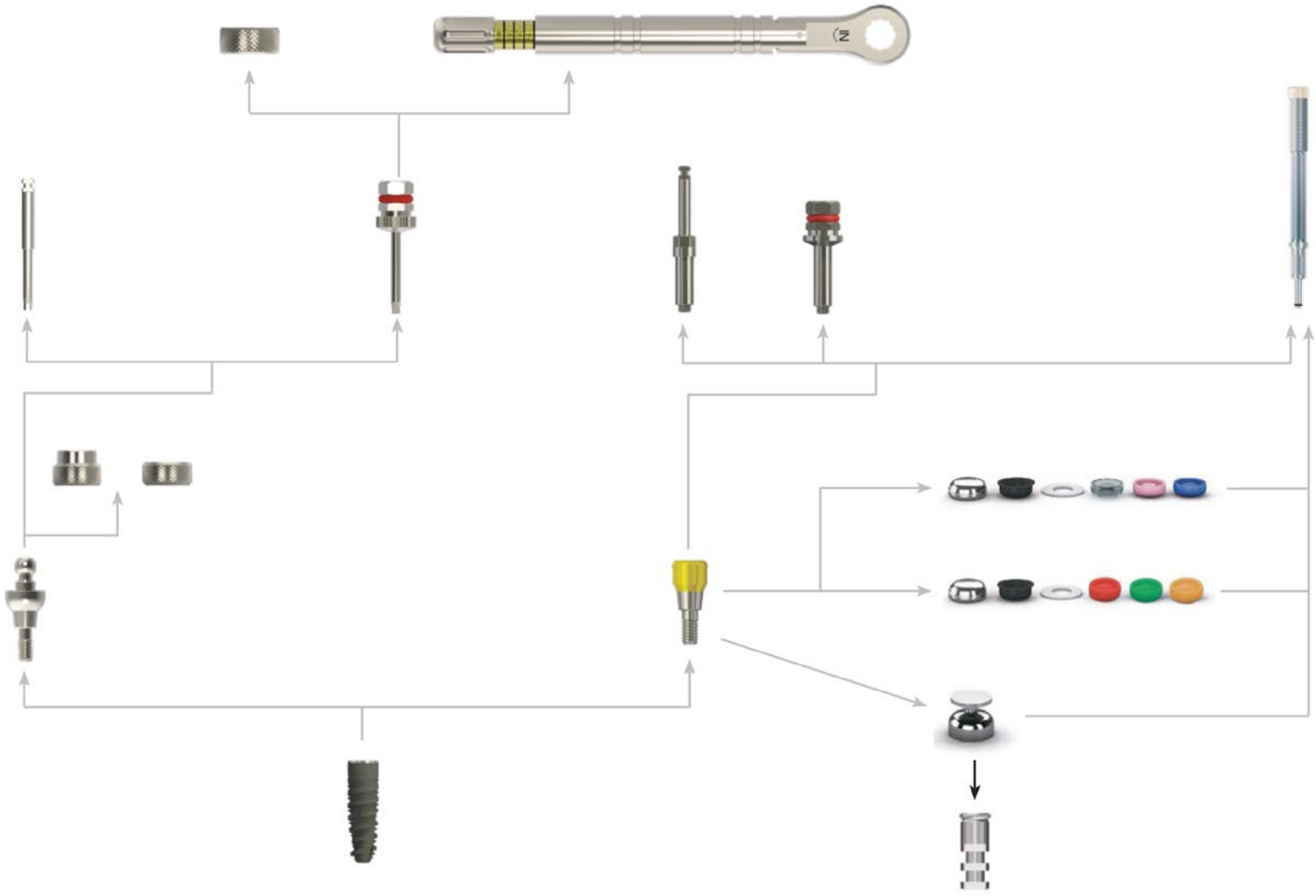
SFYV009

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

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 tools

Flexator mid cap MR 20°-40° - orange

SFYP159

Flexator mid cap HR 20°-40° - green

SFYP160

Flexator guide pin

SFYS068

Flexator 3-in-1 universal driver

SFYS067

Multitool driver for flexator

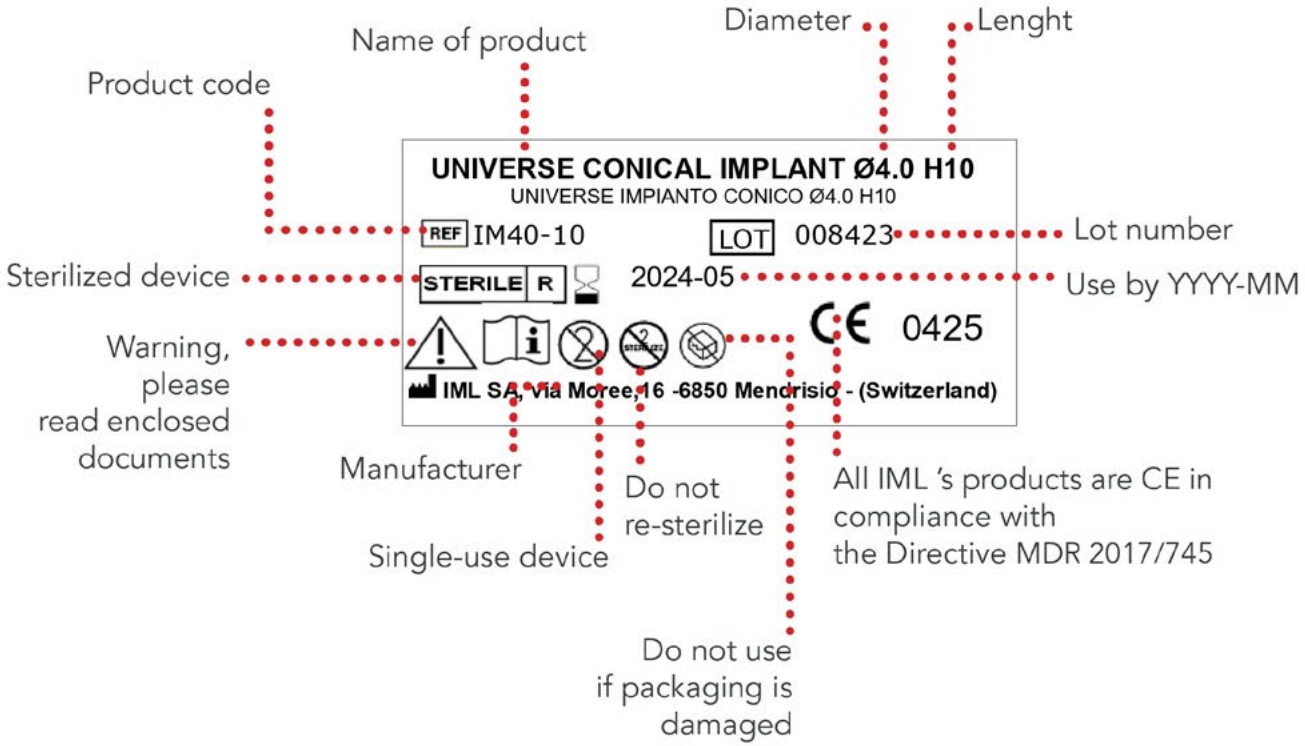
H	
6	12
SFYS065	SFYS066

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.

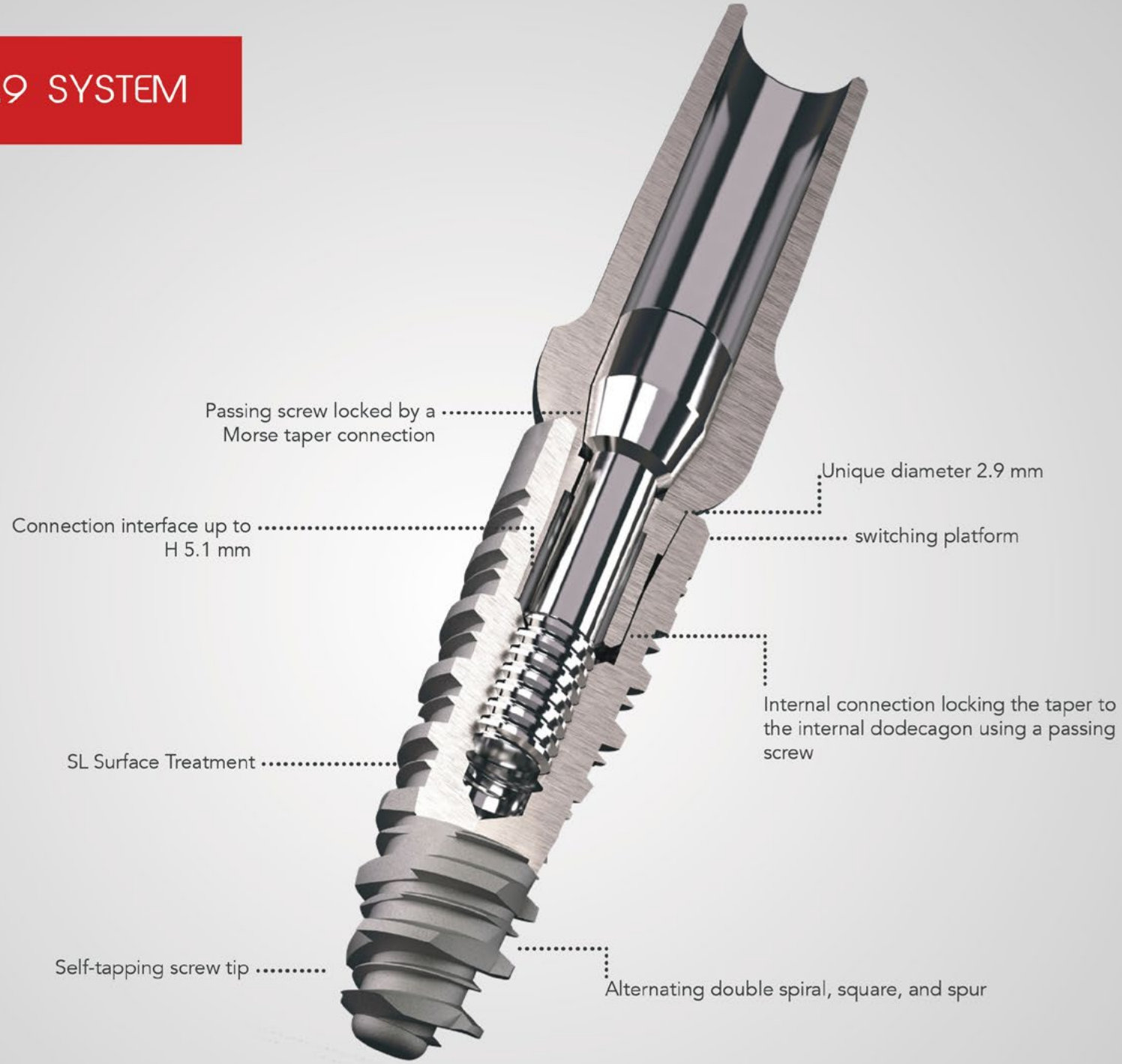
The transparent grey fumè Polypropylene (PP) container is closed with a white Polypropylene (PP) stopper with a safety seal.

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

iml
swiss dental implants

UNIVERSE 2.9

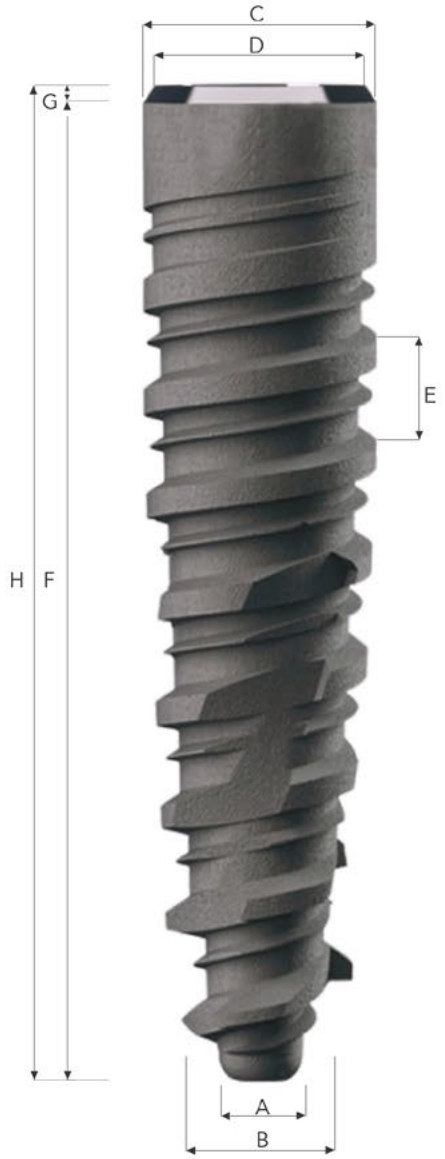
UNIVERSE 2.9 SYSTEM

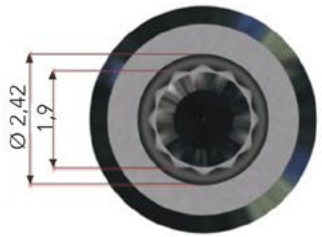


Impolant

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

Precision drill

Platform	H
	U
0.5	SFYS18

Universe 2.9 cylindrical pilot drill Ø2

Drill Ø	
2.0	FC29-2

Universe 2.9 cylindrical drill Ø2.8

Drill Ø	
2.8	FC29-28

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

STF29-KIT

Drill extension

PR-FR

Guide pin

UN-PIN

Universe 2.9 implant driver for motor

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

Universe 2.9 multitool implant driver

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

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

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

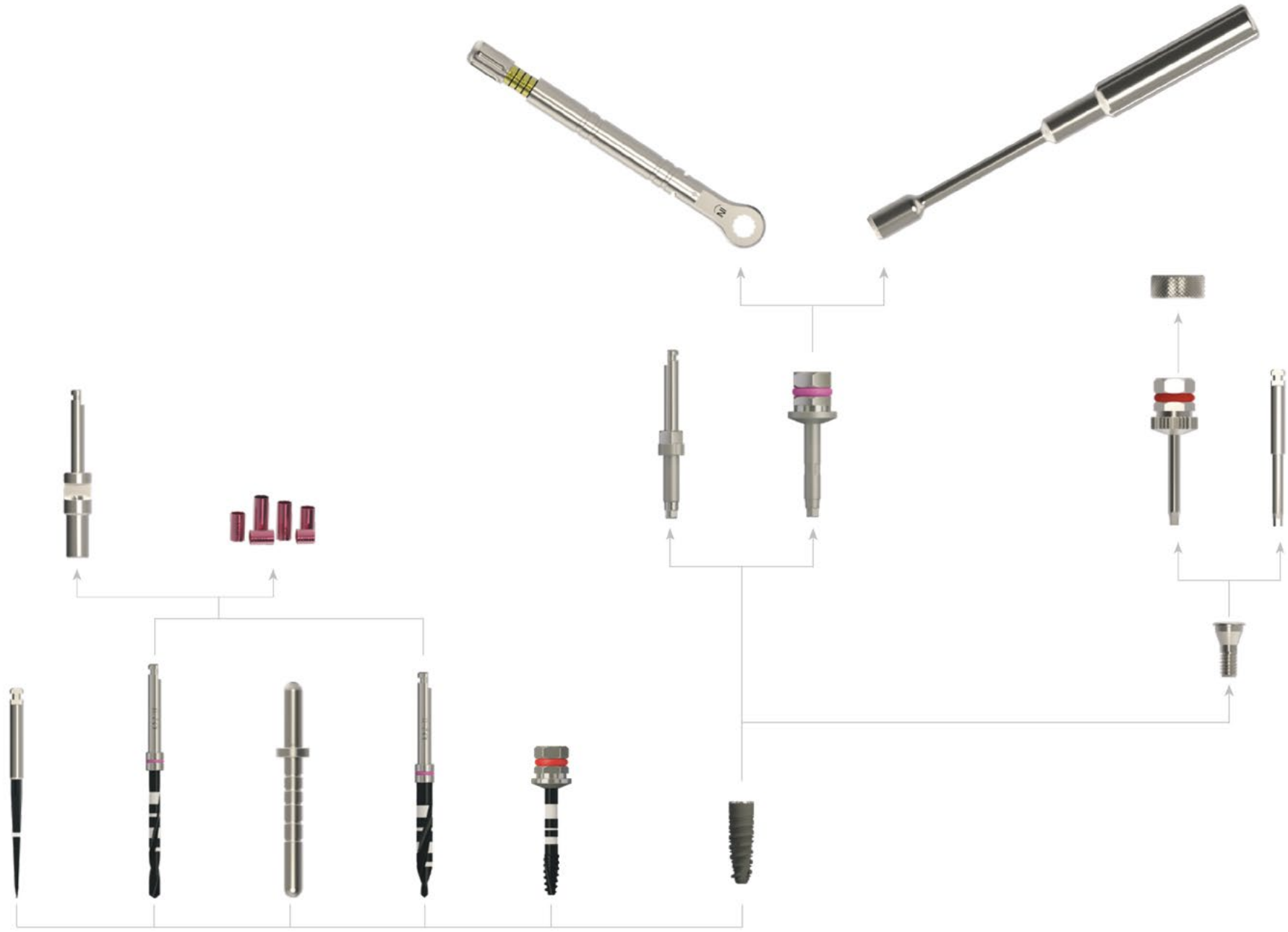
Motor driver for straight MUA

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.

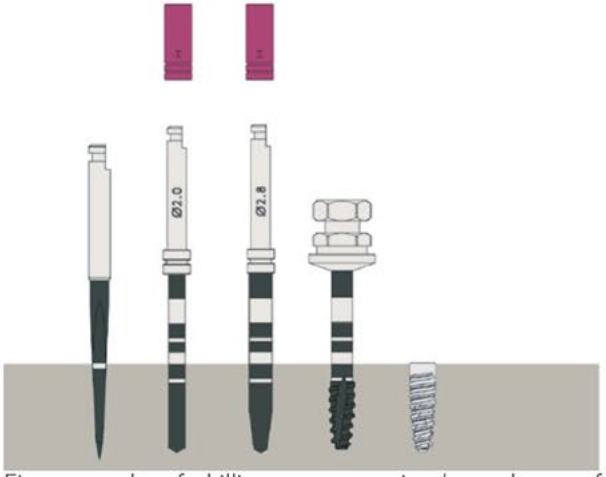
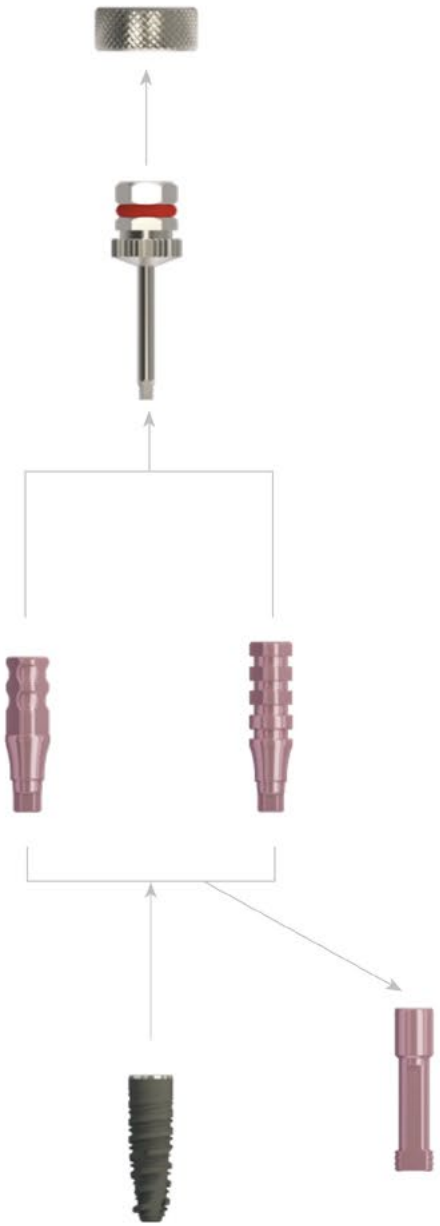


Fig. example of drilling sequence in dense bone of implant Ø2.9 h10

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 (*)

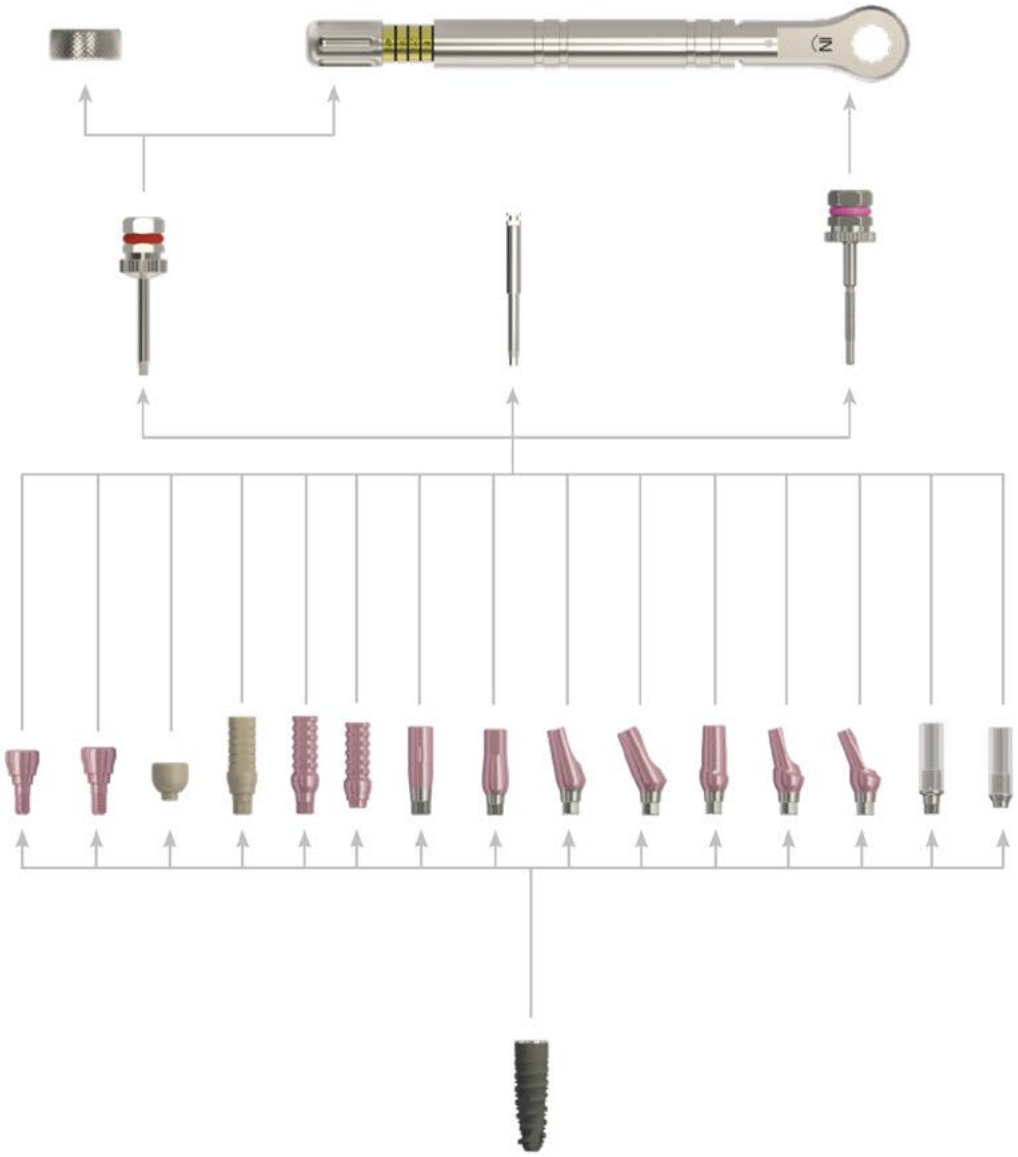
Platform	2.9	TRA-29C

Universe 2.9 implant replica

Platform	2.9	ANI-29

(*) Connection screw included.

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

(*) Connection screw included.

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 straight abutment (*)

Platform	H
	0
2.9	MDI29-0

Universe 2.9 aesthetic straight abutment (*)

Platform	H			
	1	2	3	4
2.9	MDI29-1	MDI29-2	MDI29-3	MDI29-4

Universe 2.9 slim straight abutment (*)

Platform	H
	0
2.9	MDI29-013

Universe 2.9 15° angled abutment (*)

Platform	H
	0
2.9	MI2915-0

Universe 2.9 aesthetic 15° angled abutment (*)

Platform	H			
	1	2	3	4
2.9	MI2915-1	MI2915-2	MI2915-3	MI2915-4

Universe 2.9 25° angled abutment (*)

Platform	H
	0
2.9	MI2925-0

(*) Connection screw included.

Universe 2.9 aesthetic 25° angled abutment (*)

Platform	H 1	2	3	4
2.9	MI2925-1	MI2925-2	MI2925-3	MI2925-4

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

Universe 2.9 long connecting screw for abutment

Spare

VT29-LP

VT29-L

Universe 2.9 short connecting screw for abutment

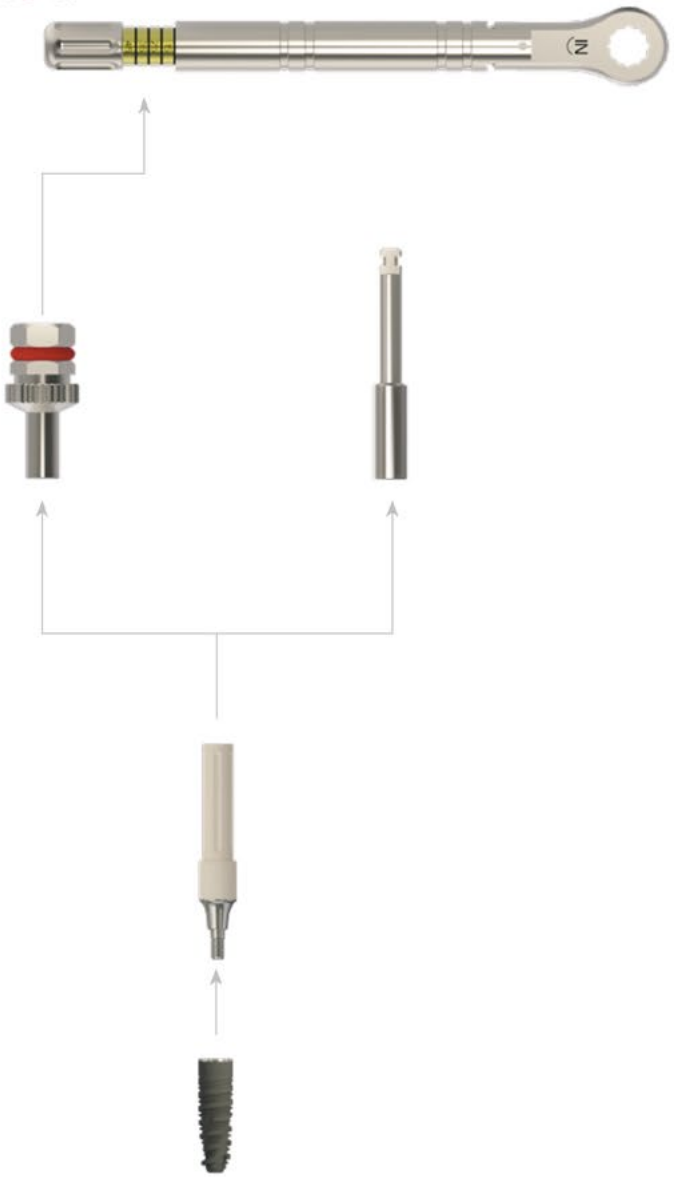
Spare

VT29-SP

VT29-S

(*) Connection screw included.

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

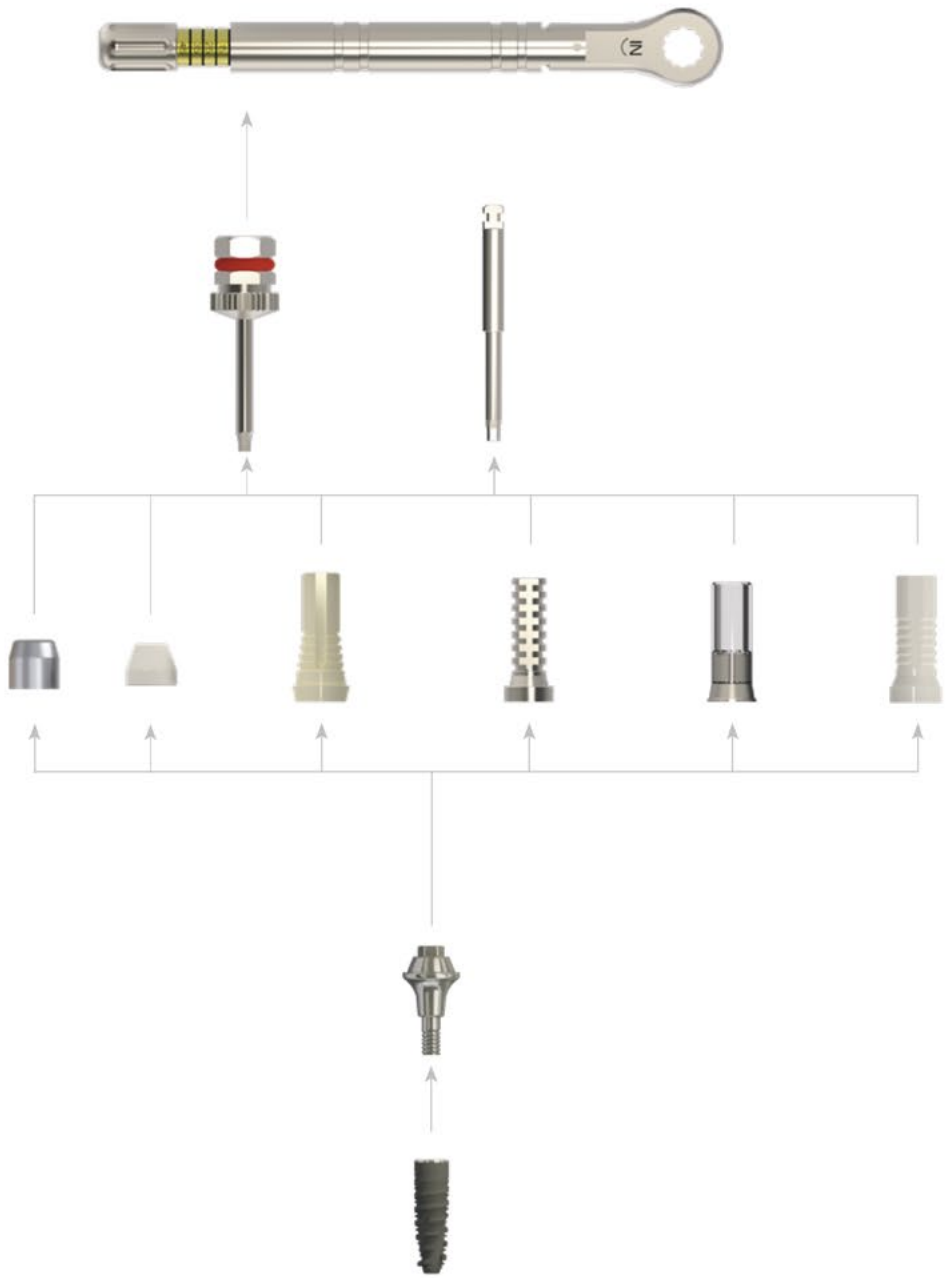
SFYP077

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 (*)

SFYP078

MUA Cr/Co base calcinable cylinder (*)

SFYP100

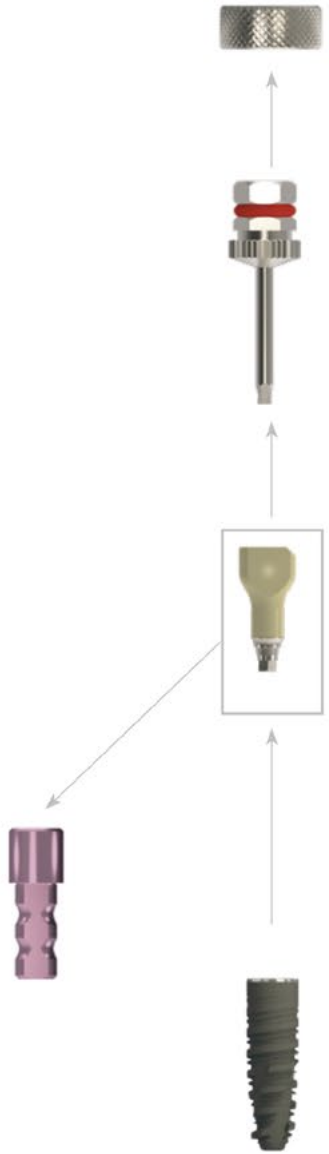
MUA calcinable cylinder (*)

SFYP079

(*) 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

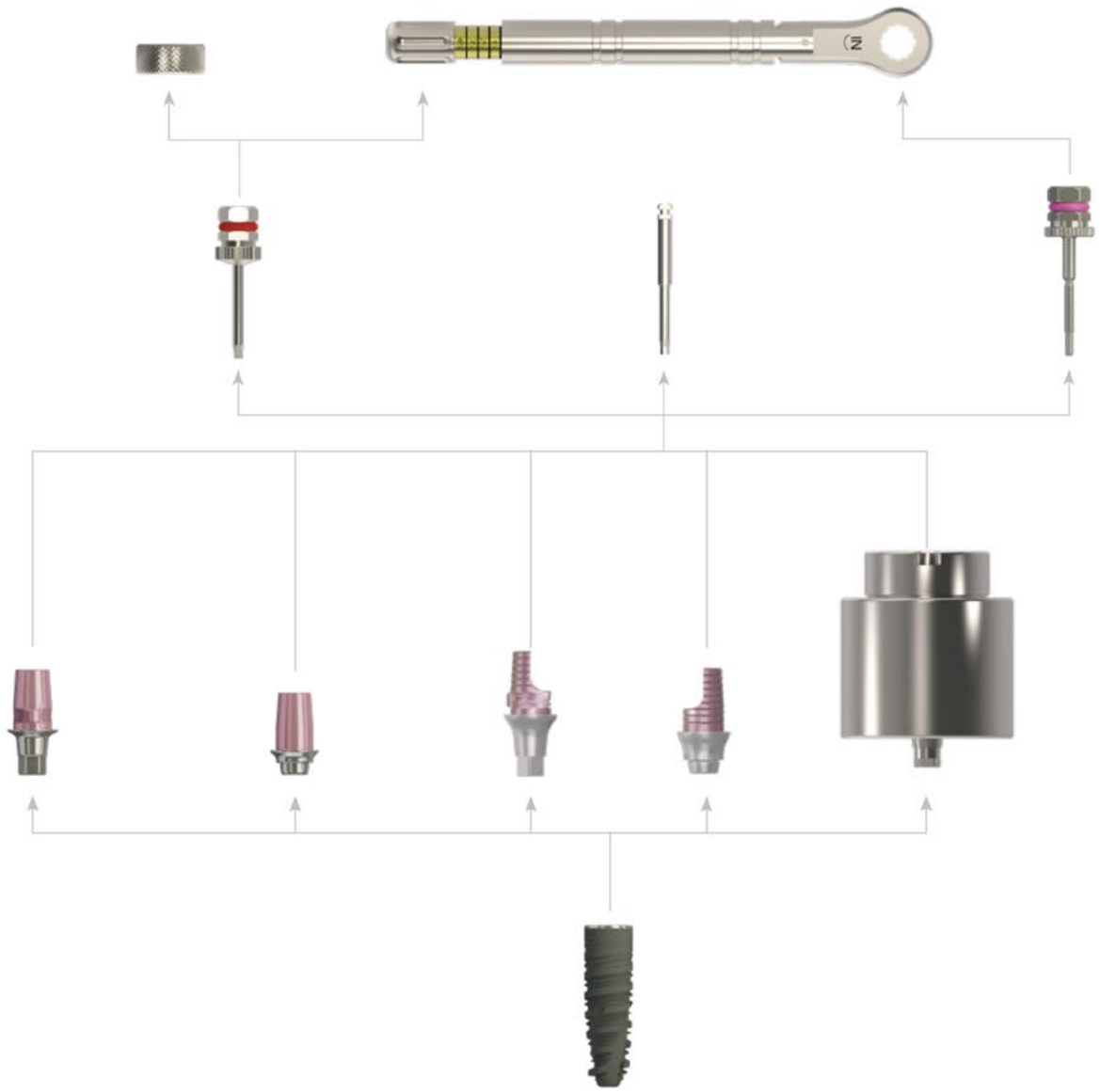
Spare

Universe 2.9 connecting screw for scanbody

VT29-SB

(*) Connection screw included.

Restoration workflow



Prosthetic parts

Universe 2.9 non rotating TBase abutment (*)

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

Universe 2.9 rotating TBase abutment (*)

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

Universe 2.9 non rotating TBase angled abutment (*)

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

Universe 2.9 rotating TBase angled abutment (*)

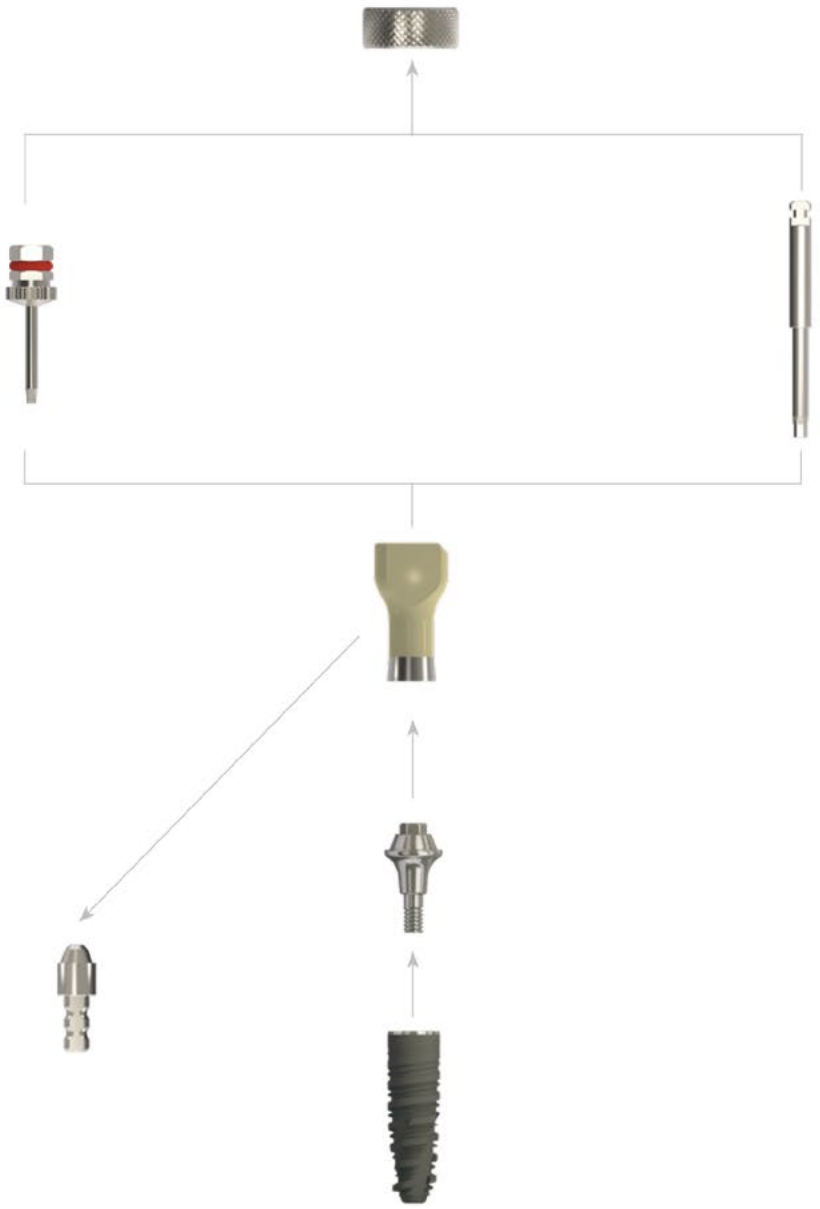
Platform	H 0.5	H 1	H 2
2.9	MDI29-A50	MDI29-A53	MDI29-A54

Universe 2.9 premilled (*)

Platform	Ø 11.5	Ø 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

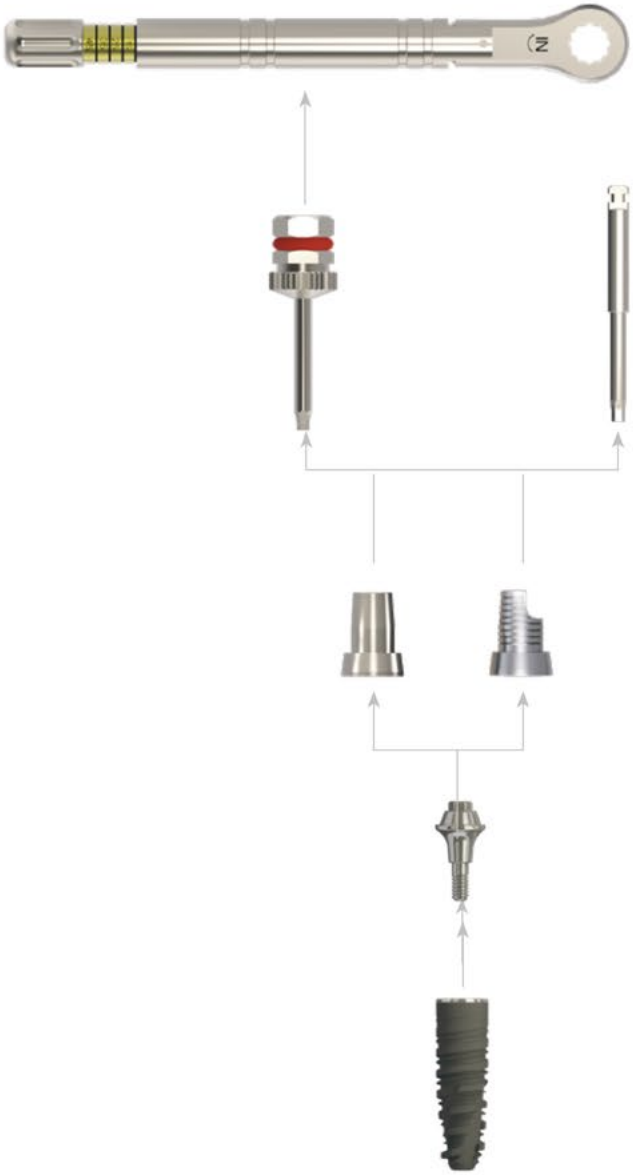
Spare

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

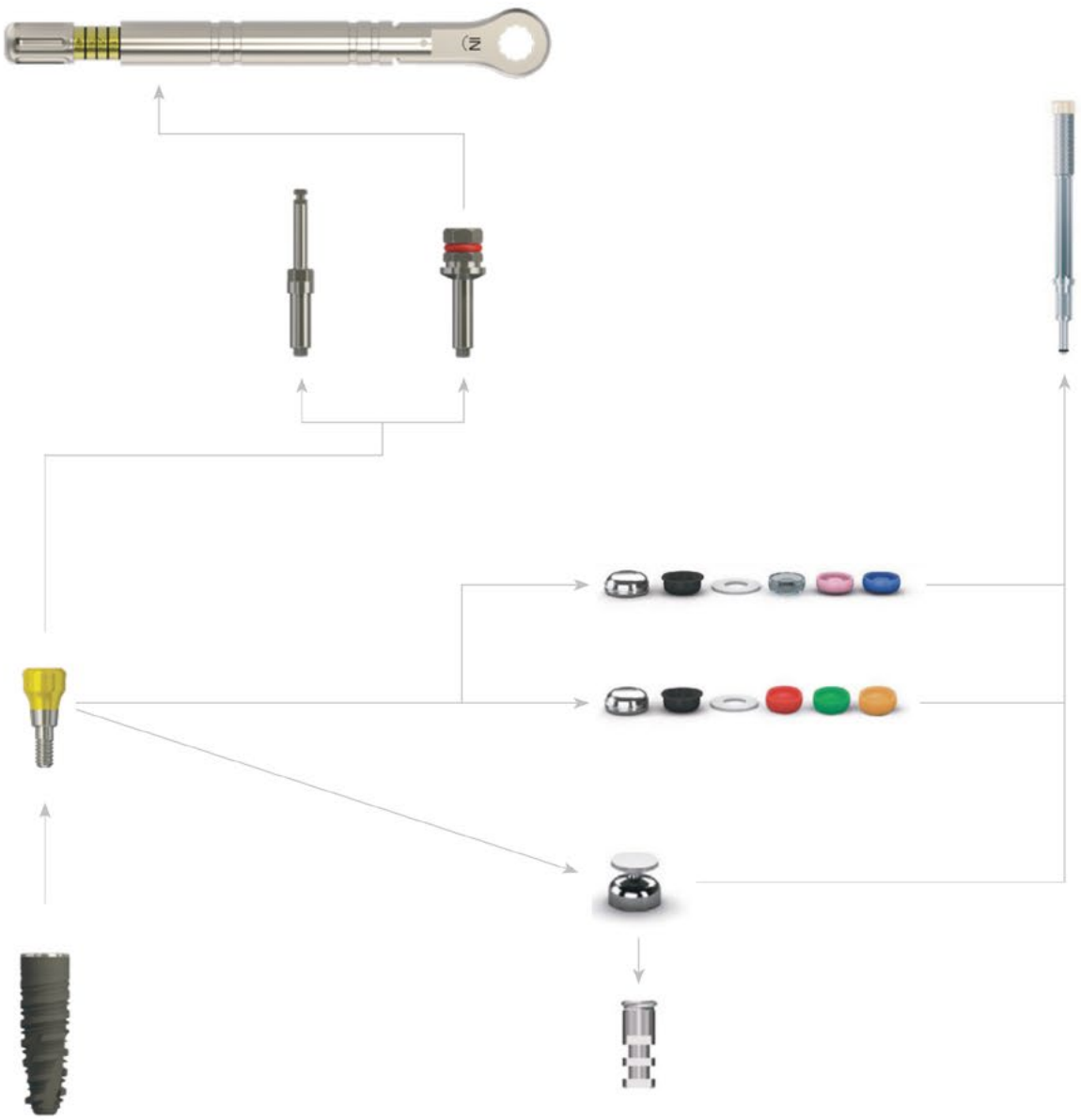
SFYV009

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 tools

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 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
swiss dental implants
THIS IMPLANT PASSPORT BELONGS TO:
Name and Surname
Telephone number
E-mail
iml
swiss dental implants
UNIVERSE 2.9
Implant
iml
swiss dental implants
UNIVERSE 2.9
Prosthetic Part
iml
swiss dental implants
UNIVERSE 2.9
Lab Component
UNIVERSE 2.9 STRAIGHT MUA H6
REF
CDI29-5
LOT
010683
CE 0425
IML SA, Via Moree,16 -6850 Mendrisio (Switzerland)

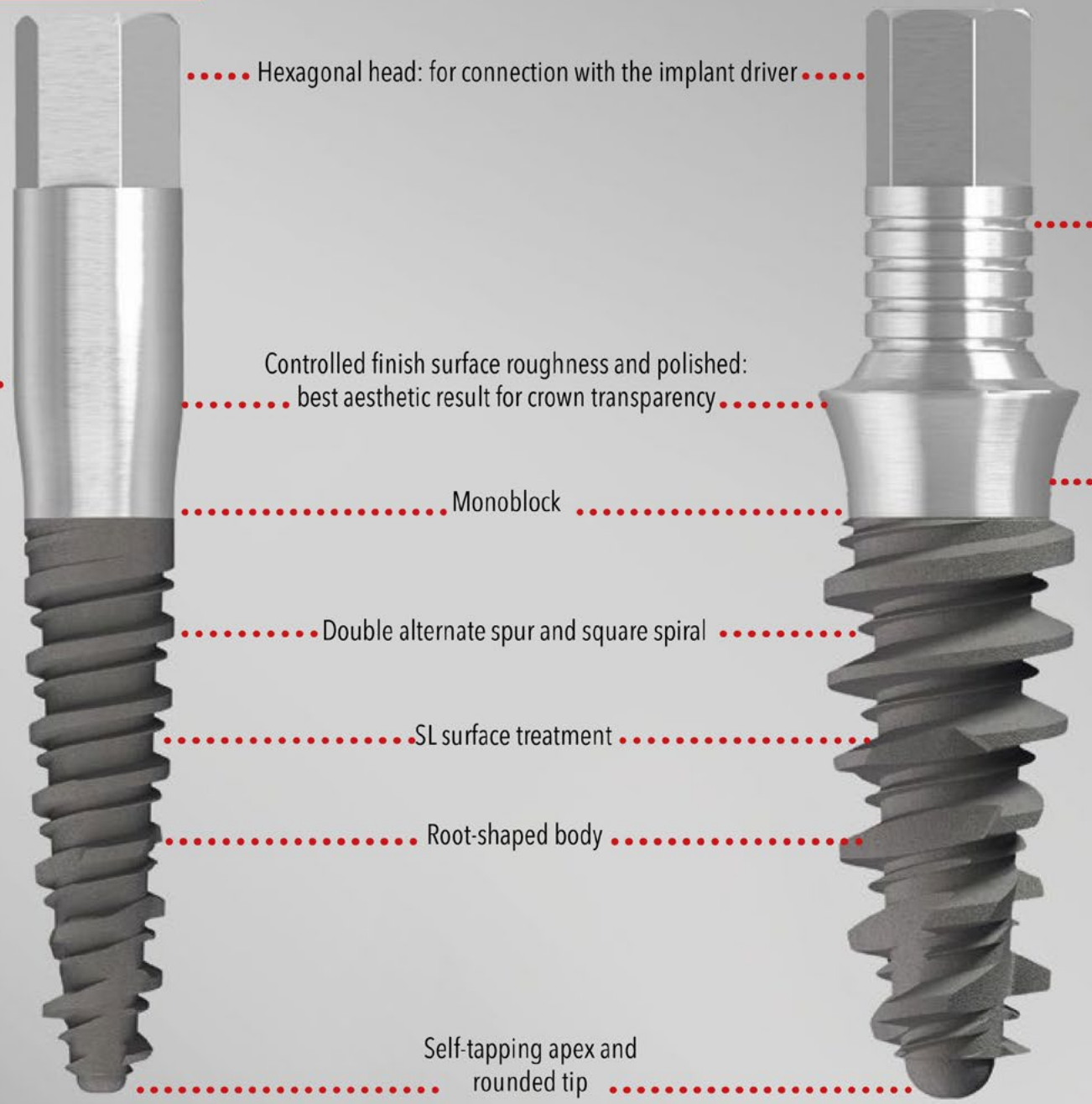
iml
swiss dental implants

POWER

POWER and POWER OM IMPLANT SYSTEMS

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
- SL surface treatment: basic conditions for fast and complete osteointegration
- Monoblock: absence of bacterial infiltration inside the system

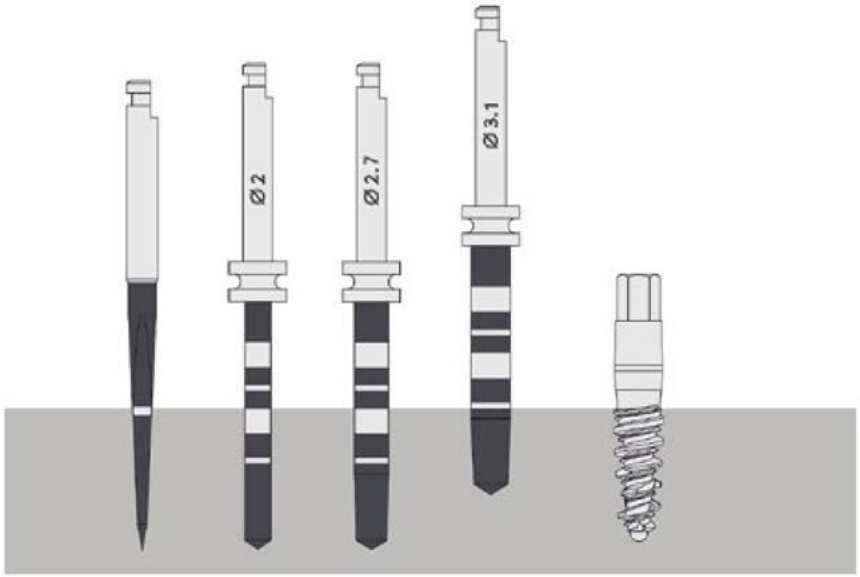


Fig. example of drilling sequence of implant Ø4 h10

POWER

POWER OM

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.

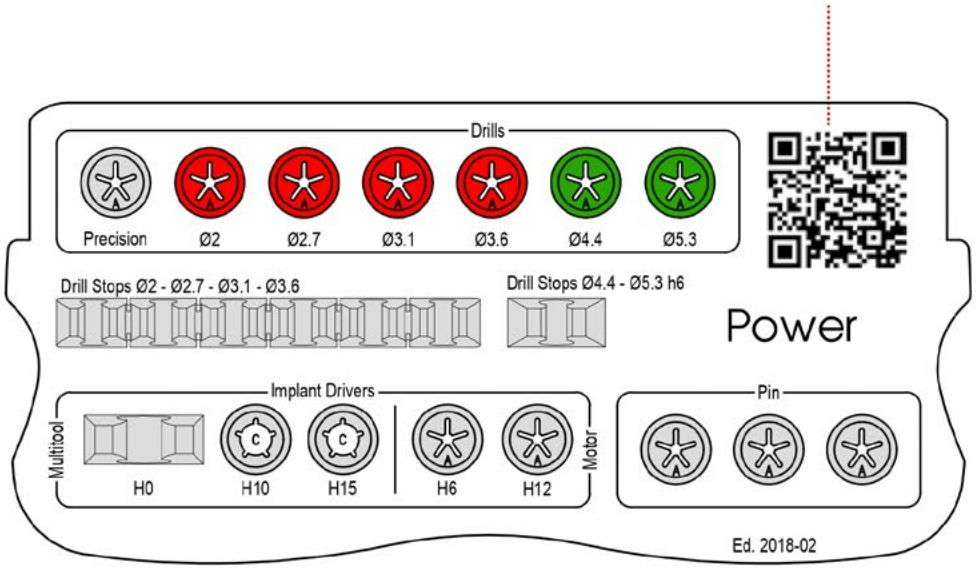
In particular:
RED DRILL STOPS KIT: To be used with drills having red o-ring and Ø 2, 2.7, 3.1, 3.6.
GREEN DRILL STOP: To be used with drills having green o-ring and Ø 4.4, 5.3.
Drills are marked with indicators referring to implant height and drill stops.

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

Precision drill

Drill Ø	
0.5	SFYS18

Cylindrical pilot drill

Drill Ø	
2	SFYS19

Drill extension

	PR-FR

Red drill stops kit for drills Ø2-2.7-3.1-3.6-4

	SFYS042

Green drill stop for drills Ø4.4-5.3

	H6
	SFYS040

Guide pin

	UN-PIN

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

Dynamometric ratchet

	DN-I

Torque range: 15-45 Ncm

Fixed ratchet

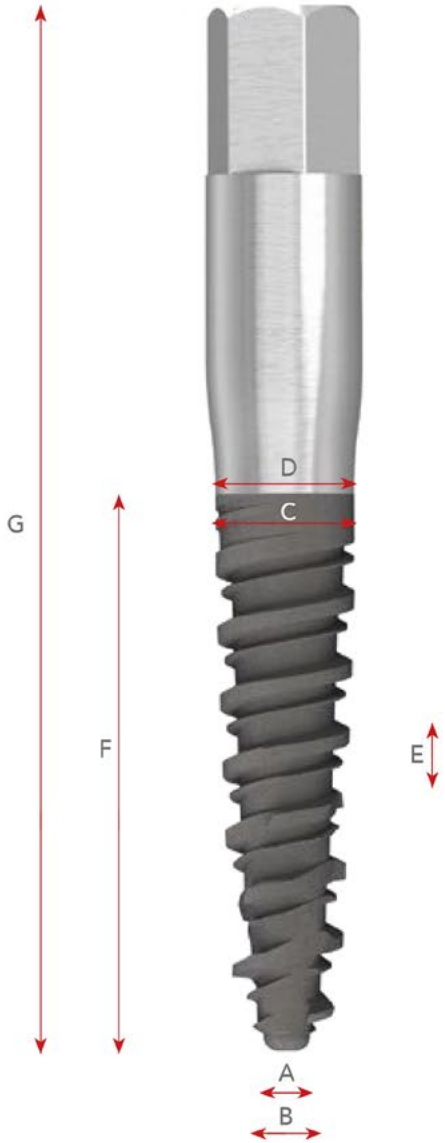
	CR-U

Multitool manual driver

	CM-U

SURGICAL PLANNING

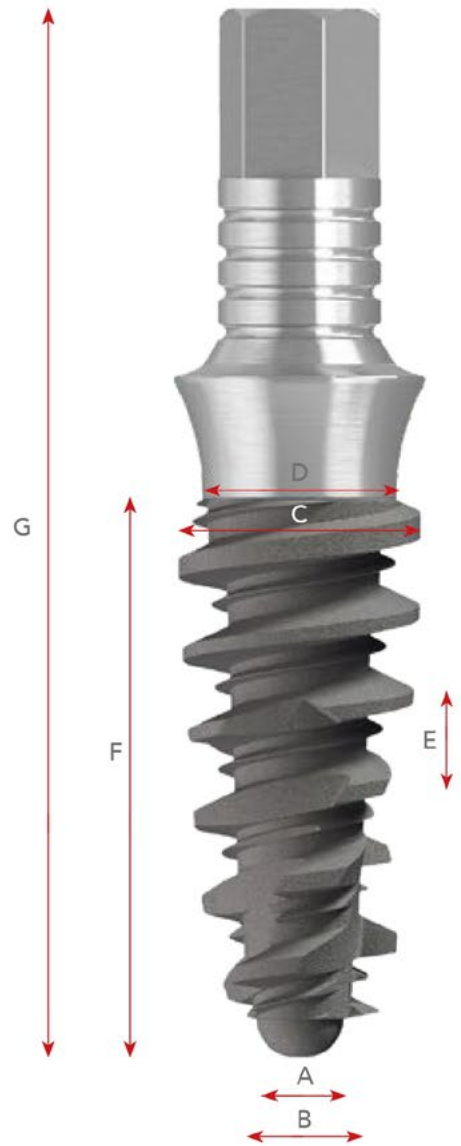
Surgical planning
POWER



UNIT OF MEASUREMENT: mm

CODE	IMPLANT MEASURE (Ø x H)	A CORE Ø AT TIP	B THREAD Ø AT TIP	C IMPLANT Ø (MAJOR DIAMETER RELATES TO THE FIRST CREST)	D NECK Ø	E THREAD PITCH	F SURFACE TREATMENT H	G 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



UNIT OF MEASUREMENT: mm

CODE	IMPLANT MEASURE (Ø x H)	A CORE Ø AT TIP	B THREAD Ø AT TIP	C IMPLANT Ø (MAJOR DIAMETER RELATES TO THE FIRST CREST)	D NECK Ø	E THREAD PITCH	F SURFACE TREATMENT H	G 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

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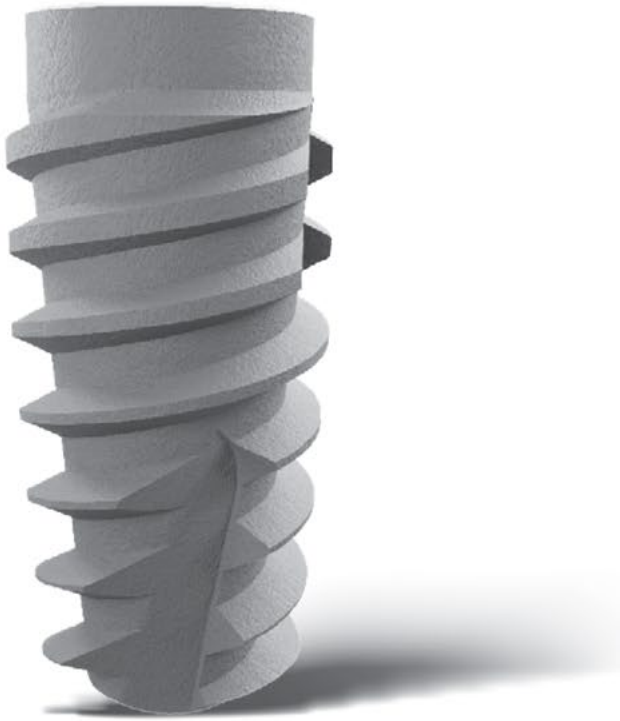
JUPITER



JUPITER

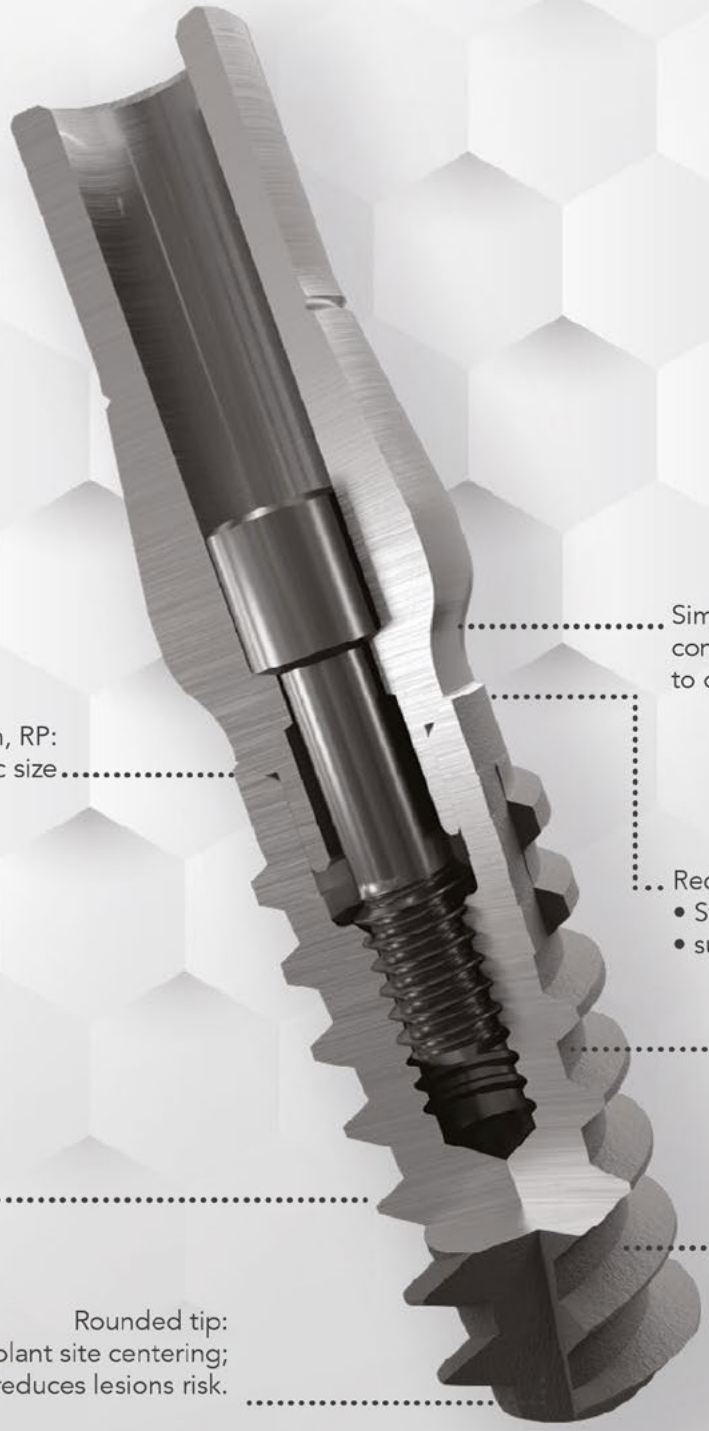
the easy implant

The implant design has been developed to guarrantee primary stability and immediate protocols in all bone types.

Best performance in the cases:
- **any bone density**
- **post extraction**
- **delayed loading**
- **immediate loading**

IML SA products are marked Medical Devices:

- EC (Class I) and EC 0425 (Class IIb and Class IIa), manufactured in accordance with Medical Devices Directive 93/42/EEC and subsequent modifi cation, amendments, and supplements.;
- [ICIM] UNI-EN ISO 9001:2015 UNI CEI EN ISO 13485:2012.
- FDA 510 (k).



Simplified but versatile, featuring one connection and under-contoured prosthetics to deliver easily natural esthetics

One platform, RP: one prosthetic size

Reduced neck diameter
- Stress reduced on crestal bone
- subcrestal implant placement facilitated

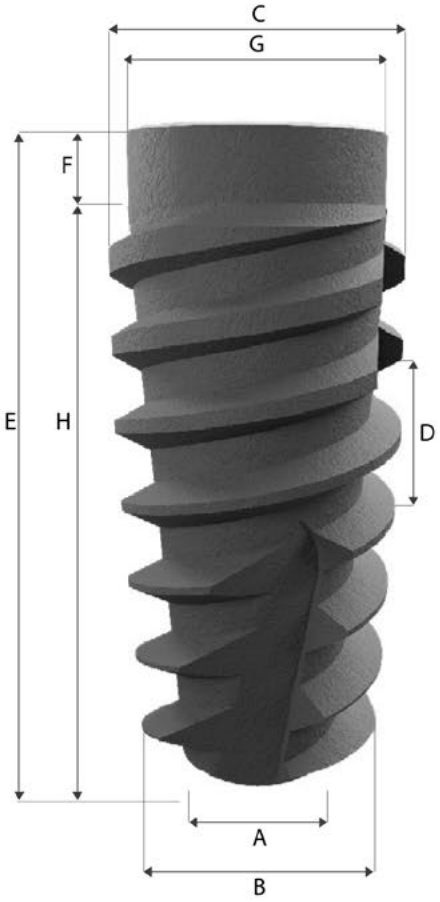
Slim and tapered implant core

SL surface treatment

Self-tapping apex: reduced osteotomy

Rounded tip:
- facilitates implant site centering;
- reduces lesions risk.

SURGICAL PLANNING

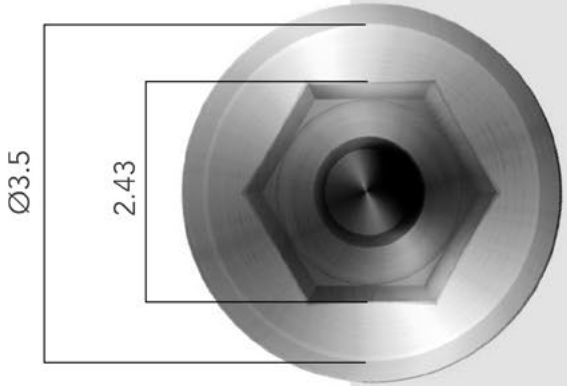


UNIT OF MEASUREMENT: mm

			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	NECK Ø	THREAD ZONE H
JUM35-6RP	3.5 x 6	RP	2.10	3.25	3.60	2.20	6.50	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	5 x 6	RP	2.95	4.10	5.00	2.20	6.50	1.00	4.10	5.50
JUM50-8RP	5 x 8	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

CONNECTION & PROSTHETICS RANGE

UNIQUE CONNECTION
One prosthetic components system for all implant diameters.



IMPRESSION TAKING

HEX RP EASY:
- Open tray impression coping
- Closed tray impression coping
- Implant replica

HEALING SCREW

HEX RP EASY:
- Healing screw

OVER DENTURE SOLUTION

HEX RP EASY:
- Ball abutment

EASY:
- Flexator

TBASE ABUTMENT

HEX RP EASY:
- TBase abutment rotating/non rotating

CAD/CAM

HEX RP EASY:
- Scanbody
- Implant replica

EASY:
- MUA scanbody

PERMANENT ABUTMENT

HEX RP EASY:
- Straight abutment
- Angled abutment
- Slim abutment

MUA

HEX RP EASY:
- Straight/angled MUA 17°- 30°

EASY:
- MUA prosthetic parts
- MUA lab components

CALCINABLE ABUTMENT

HEX RP EASY:
- Calcinable rotating/non rotating abutment

MAGNETIC MALLET

Magnetic Dynamic Technology is based on the concept of acceleration, minimizing impact time while maximizing the force of the pulse thereby increasing effectiveness.

The advantages:

- Simple and intuitive
- Offers maximum control
- Generates zero heat
- Maximum strength in a very short time
- Versatile and modular
- Minimally Invasive

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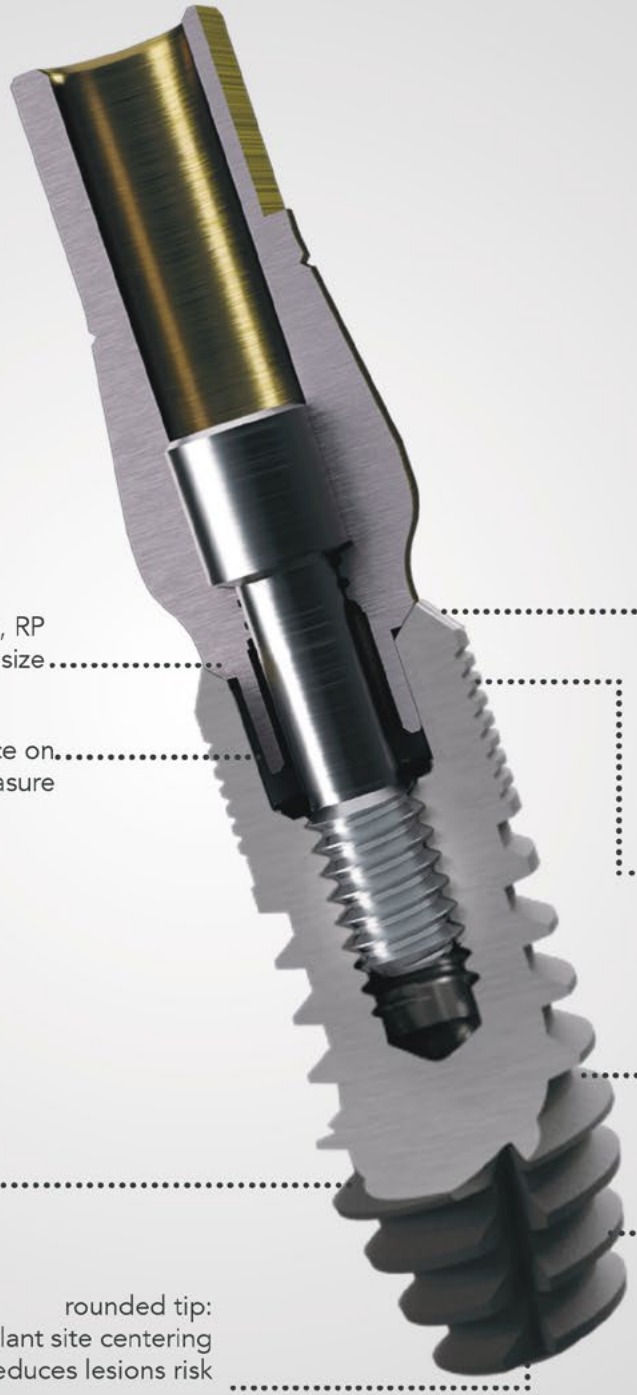
INFINITY

INFINITY SYSTEM



one platform, RP
one prosthetic size

5 thousandths tolerance on
the hexagon measure

trattamento
superficiale SL

rounded tip:
• facilitates implant site centering
• reduces lesions risk

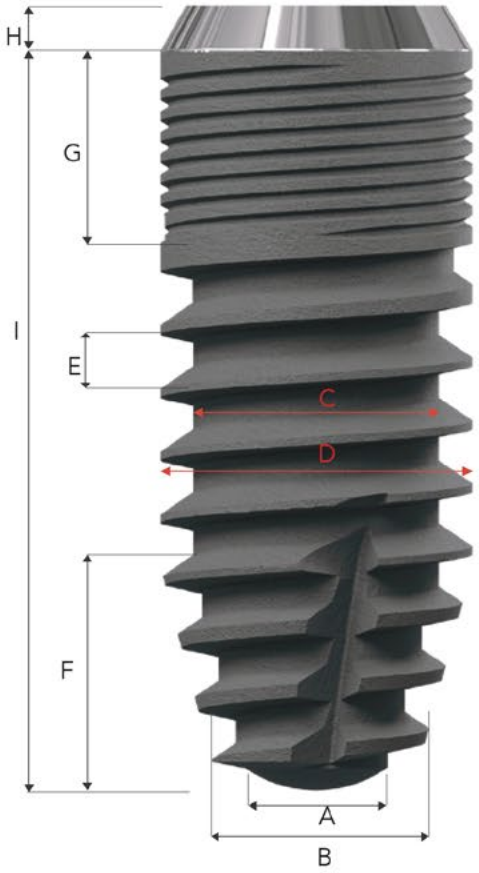
smooth switching platform 0.6 mm h:
• contrasts the bacterial attack
• enhances the soft tissues adhesion and the maintenance of the crestal bone level

cylindrical collar with micro thread:
• prevents post-operative cortical bone resorption;
• better load distribution on the cortical bone.

truncated conical shape:
• replicates the natural tooth root
• excellent primary stability

self-tapping apex:
reduced osteotomy

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

Cover screw included.

NOTE:

The implant is supplied complete with cover screw.

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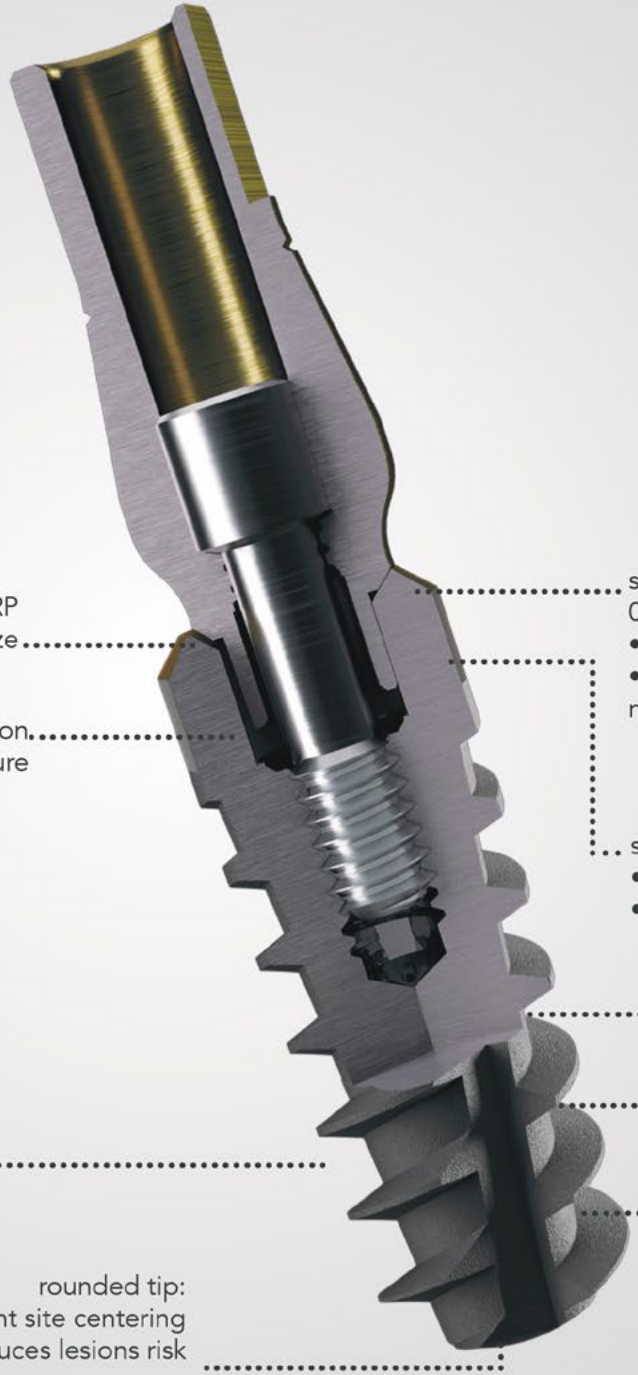
STARFLY

STARFLY SYSTEM



one platform, RP
one prosthetic size

5 thousandths tolerance on
the hexagon measure

SL surface treatment

rounded tip:
• facilitates implant site centering
• reduces lesions risk

smooth golden-yellow anodized switching platform
0.5 mm h:
• contrasts the bacterial attack
• enhances the soft tissues adhesion and the maintenance of the crestal bone level

smooth cylindrical neck 1.5 mm h:
• suitable for the bone morphology
• contrasts the bacterial attack

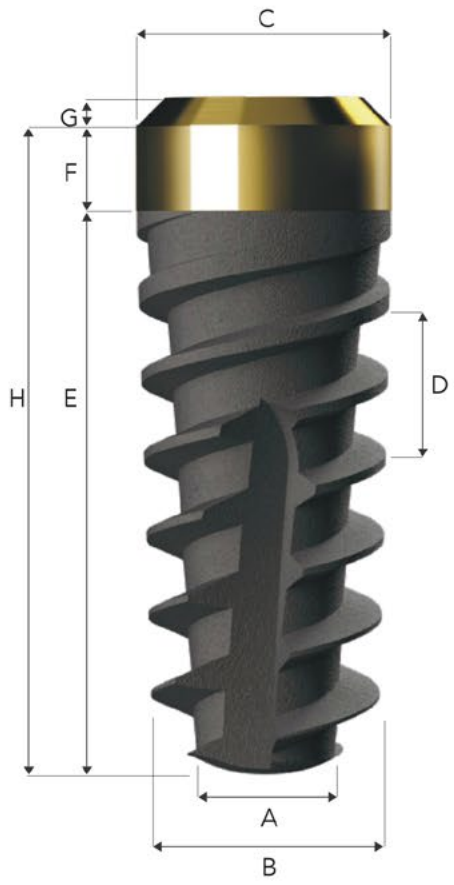
tapered core

emphasised spirals

compact the soft bone: excellent primary stability

self-tapping apex:
reduced osteotomy

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

Contacts

IML SA

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You are most welcome to come visit us on a guided tour of our Company.
Do not hesitate to contact us for a date.

Distance by car from airports:

- Lugano Agno (LUG) - Switzerland > 22 km - 25 min
- Milan Malpensa (MXP) - Italy > 57 km - 45 min
- Milan Linate (LIN) - Italy > 72 km - 60 min
- Milan Orio al Serio (BGY) Italy > 102 km - 90 min

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