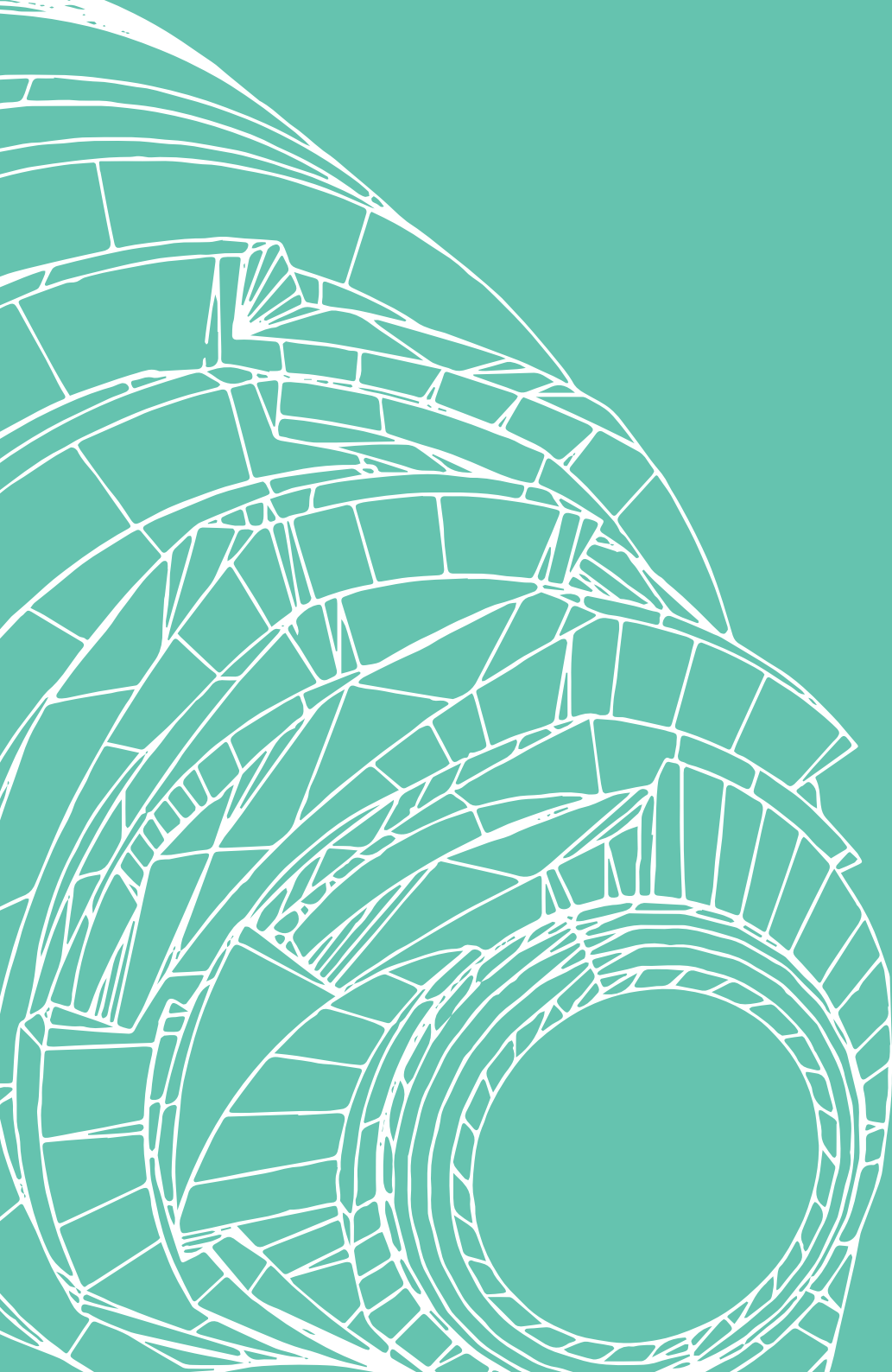




UNIVERSE 2.9

Components List

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?

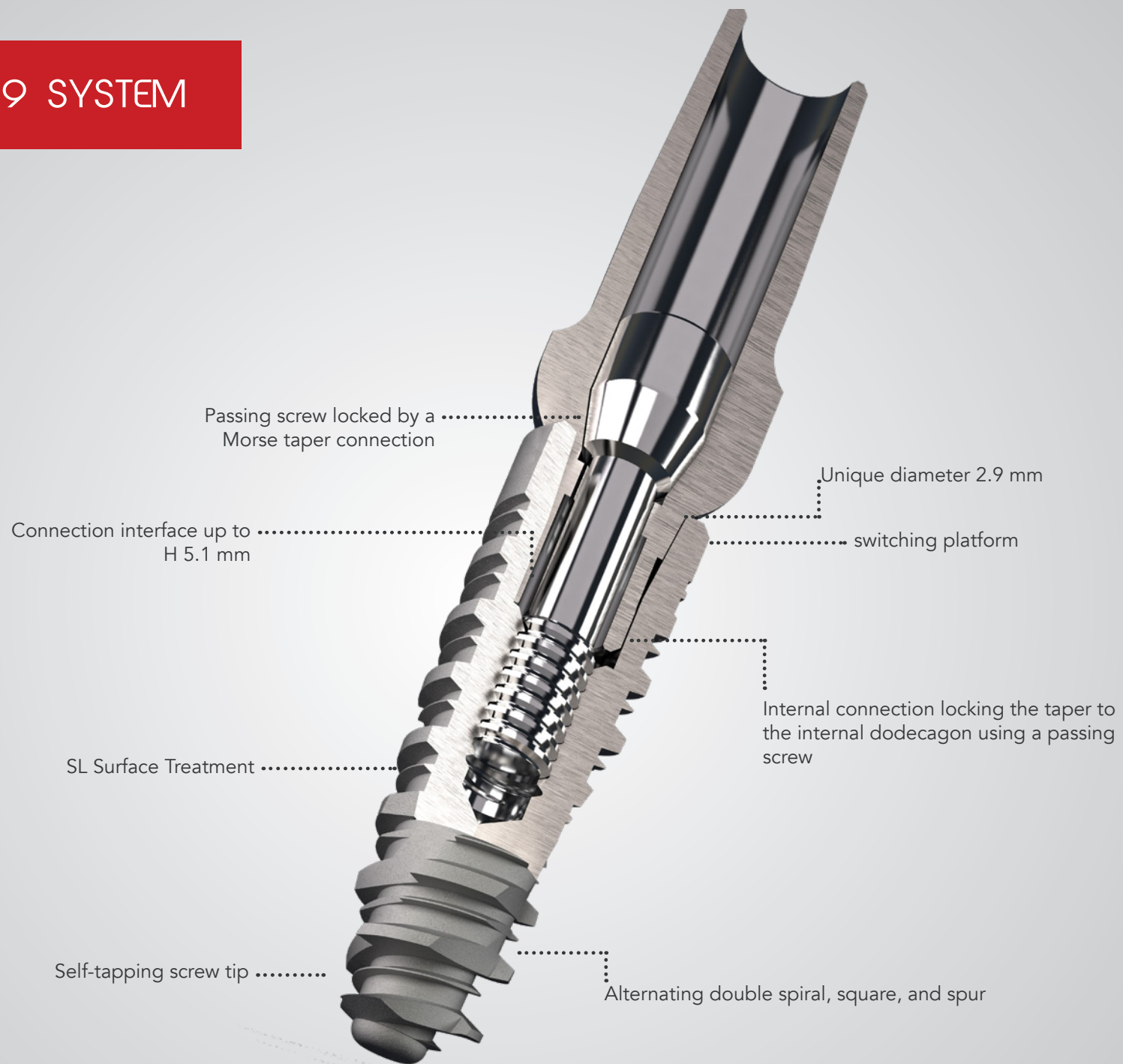
Just as important as it is that the abutment remains well screwed to the implant.

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 implant, on every single implant.



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:

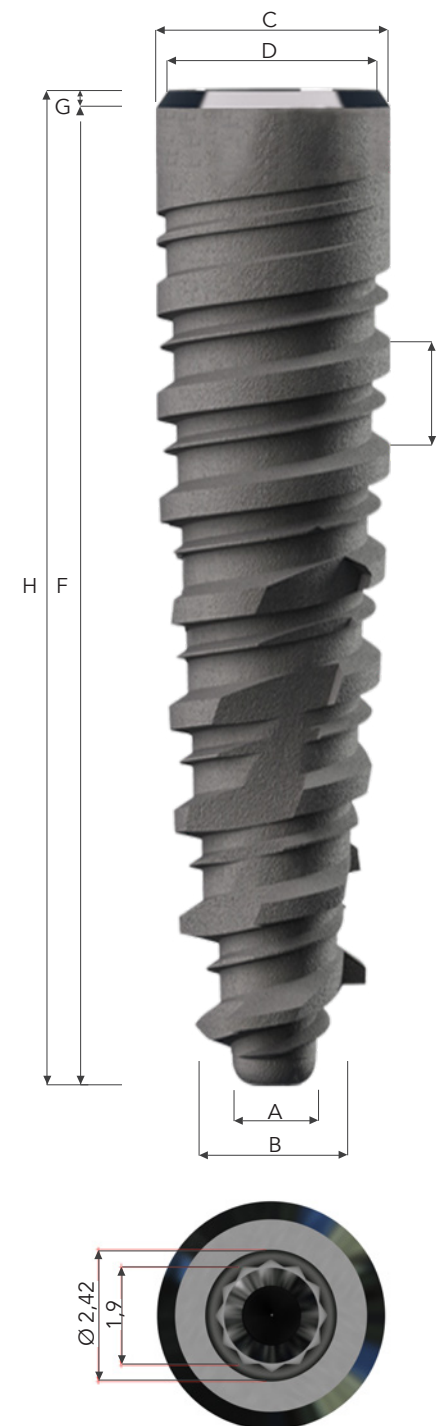
Cover screw included

VT29

OPTIONAL:

Cover screw
H 0.5 mm

VT29-05



SURGICAL KIT

The **UNIVERSE 2.9 surgical box** is designed for maximum simplicity 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 supply 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
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Universe 2.9 cylindrical drill Ø2.8

Drill Ø	2.8	FC29-28
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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

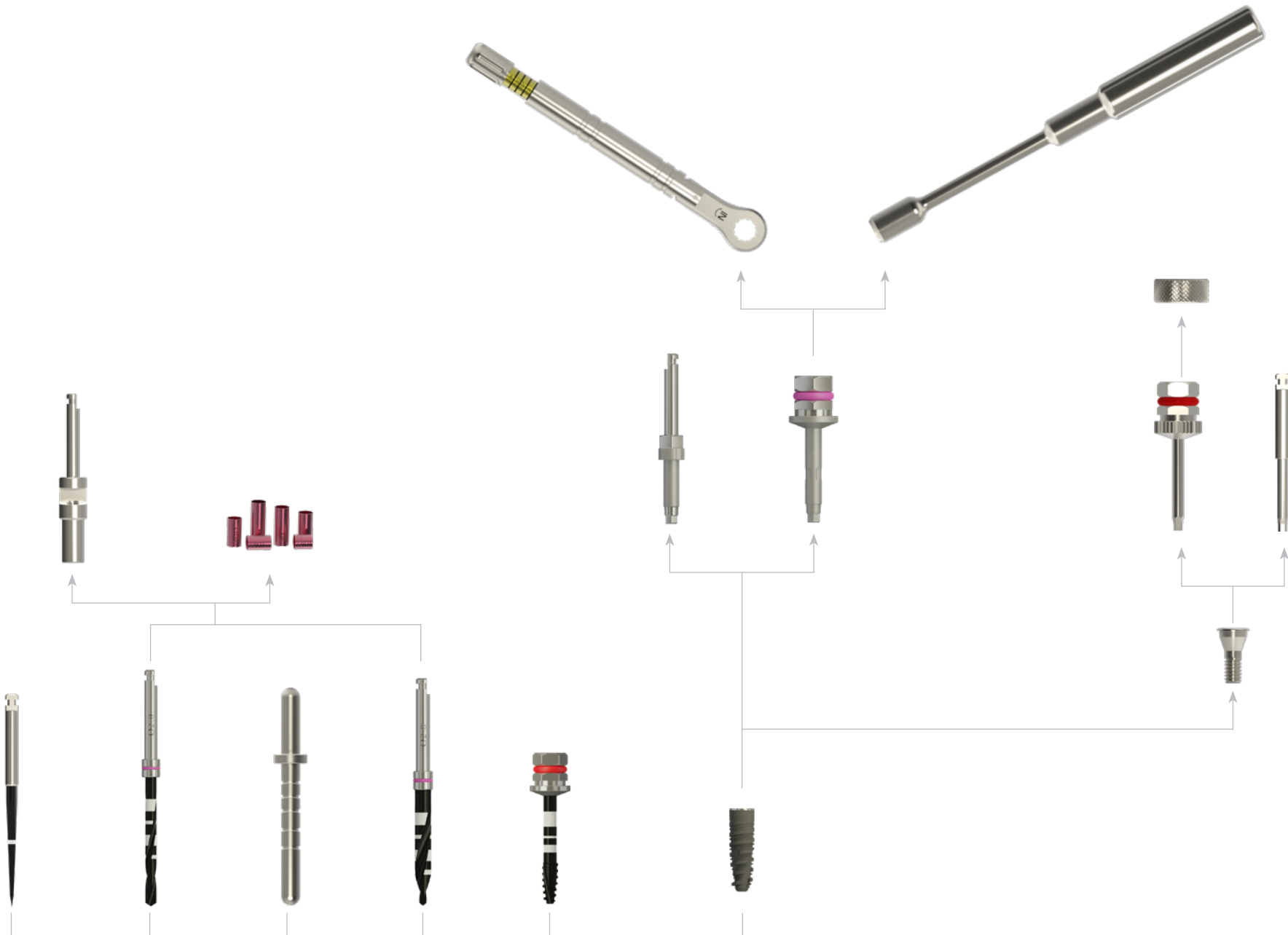
SFYS016



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.

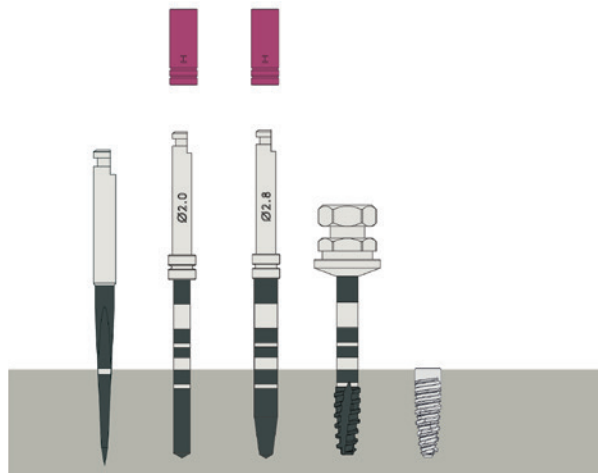


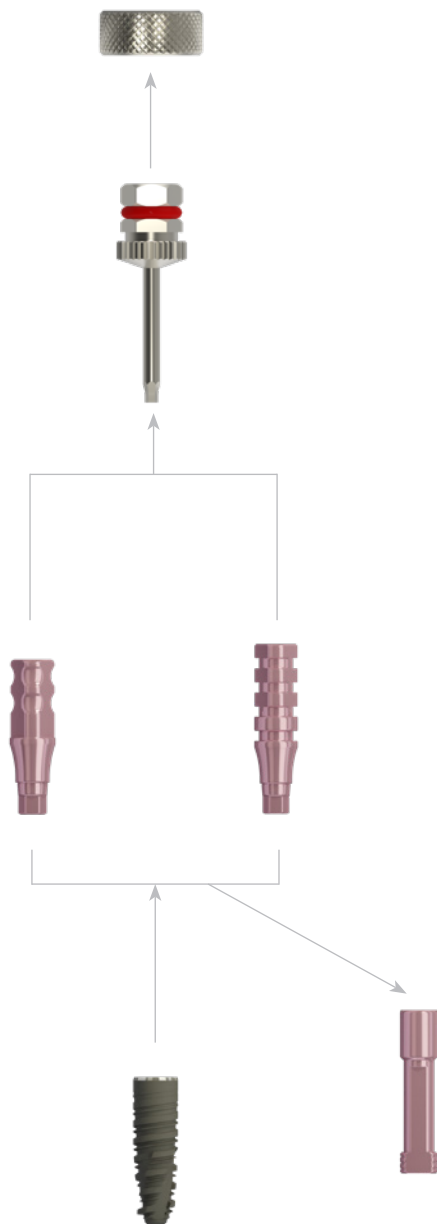
Fig. example of drilling sequence in dense bone of implant Ø2.9 h10

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

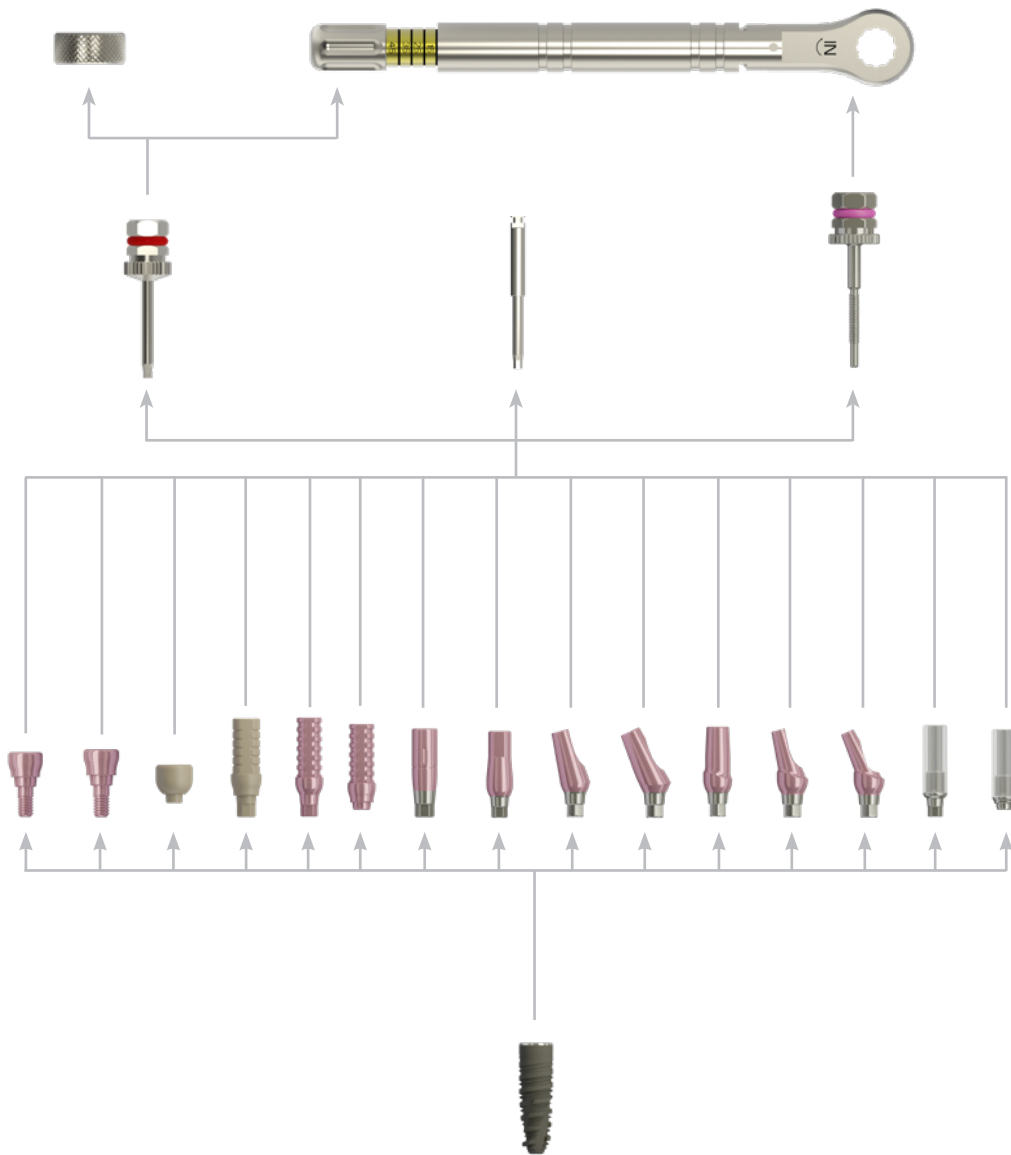
Platform

2.9

ANI-29

(*) Connection screw included.

Restoration workflow



Prosthetic parts



Universe 2.9 healing screw

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



Universe 2.9 shift healing screw

		H				
		1	2	3	4	5
Platform	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 (*)

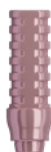
Platform		0
	2.9	MDI29-100

(*) 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 (*)

		H
		0
Platform	2.9	MDI29-0



Universe 2.9 aesthetic straight abutment (*)

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



Universe 2.9 slim straight abutment (*)

		H
		0
Platform	2.9	MDI29-013



Universe 2.9 15° angled abutment (*)

		H
		0
Platform	2.9	MI2915-0



Universe 2.9 aesthetic 15° angled abutment (*)

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



Universe 2.9 25° angled abutment (*)

		H
		0
Platform	2.9	MI2925-0

(*) Connection screw included.



Universe 2.9 aesthetic 25° angled abutment (*)

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



Universe 2.9 shift aesthetic straight abutment (*)

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



Universe 2.9 shift aesthetic 15° angled abutment (*)

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



Universe 2.9 shift aesthetic 25° angled abutment (*)

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



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

		H	
		1	
Platform	2.9	MDI29-70	



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

		H	
		1	
Platform	2.9	MDI29-71	

Spare



VT29-LP



VT29-L

Universe 2.9 long connecting screw for abutment

Spare



VT29-SP

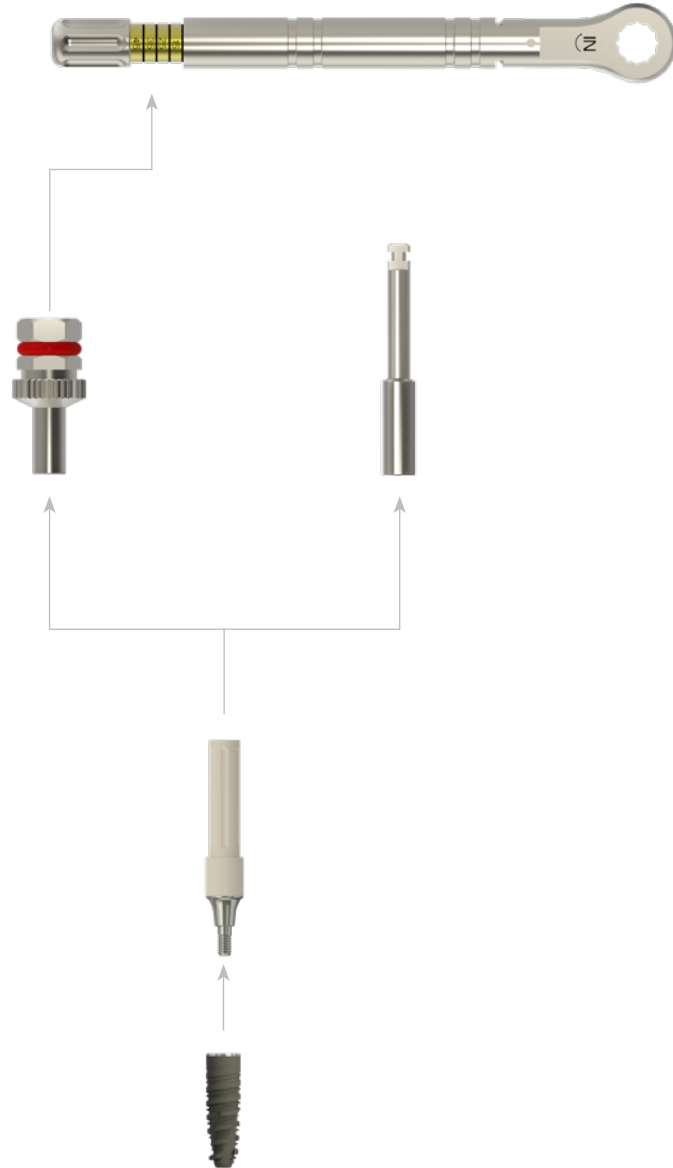


VT29-S

Universe 2.9 short connecting screw for abutment

(*) Connection screw included.

MUA positioning workflow



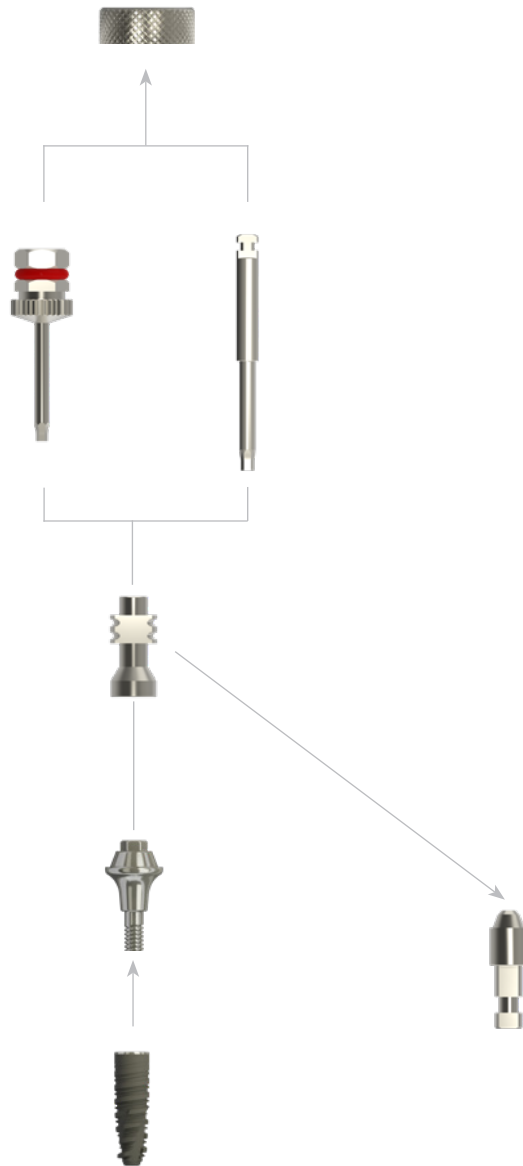
MUA



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

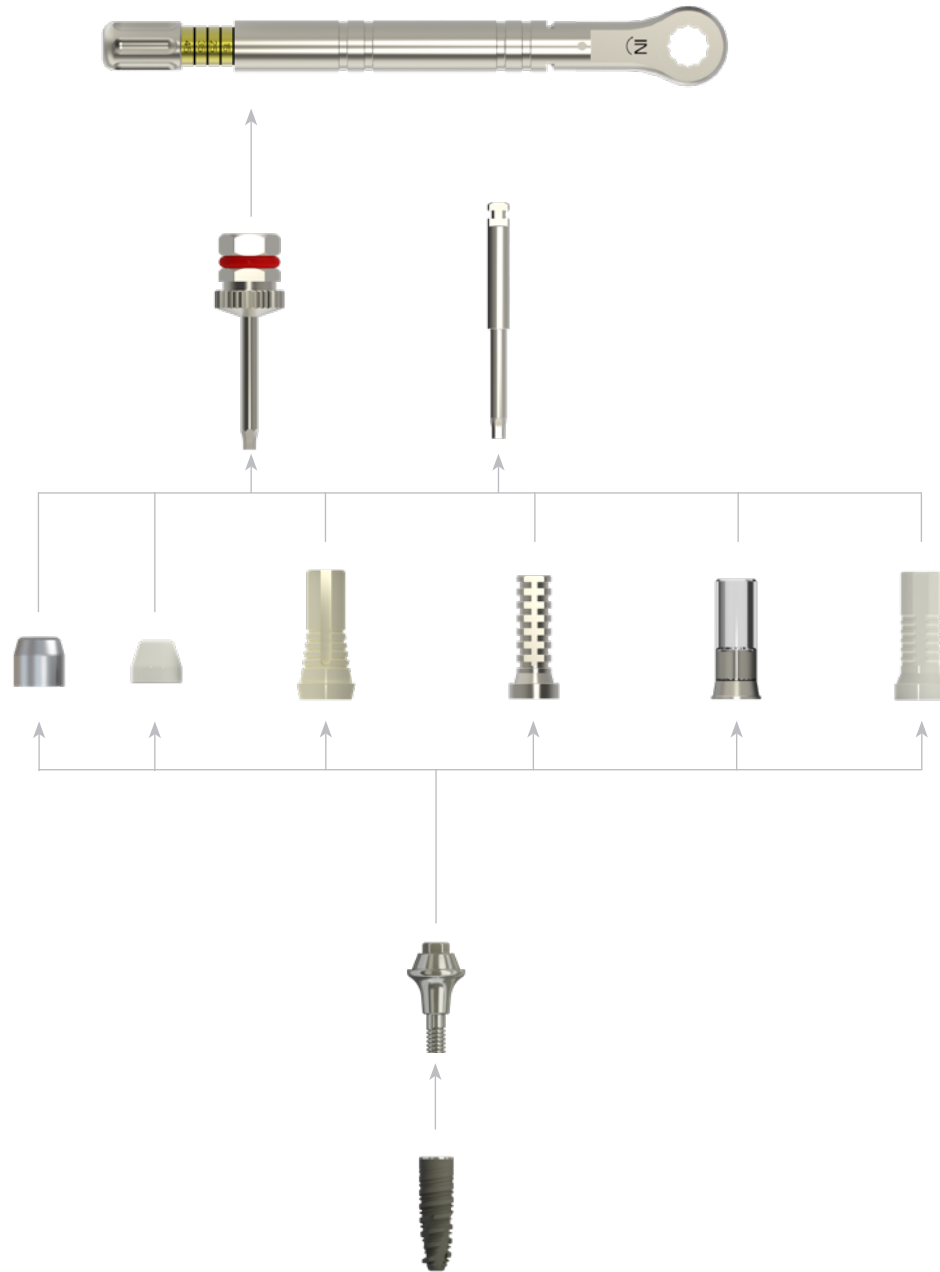


MUA lab components

	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.

MUArestitution workflow



MUA prosthetic parts



MUA healing cap (*)

SFYP075



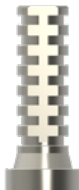
MUA titanium healing cap (*)

SFYP171



MUA peek temporary cylinder (*)

SFYP101



MUA titanium cylinder (*)

H	
0.8	1.5
SFYP203	SFYP078

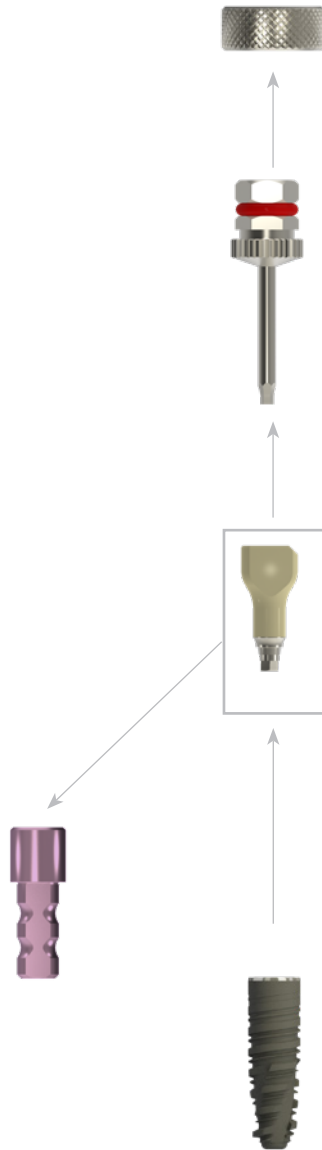
	MUA Cr/Co base calcinable cylinder (*)	SFYP100
	MUA calcinable cylinder (*)	SFYP079
Spare	M1.4 connecting screw for MUA prosthetic parts	SFYV009
	Max 15 Ncm	

(*) Connection screw included.

CAD-CAM
DIGITAL DENTISTRY



Impression taking workflow

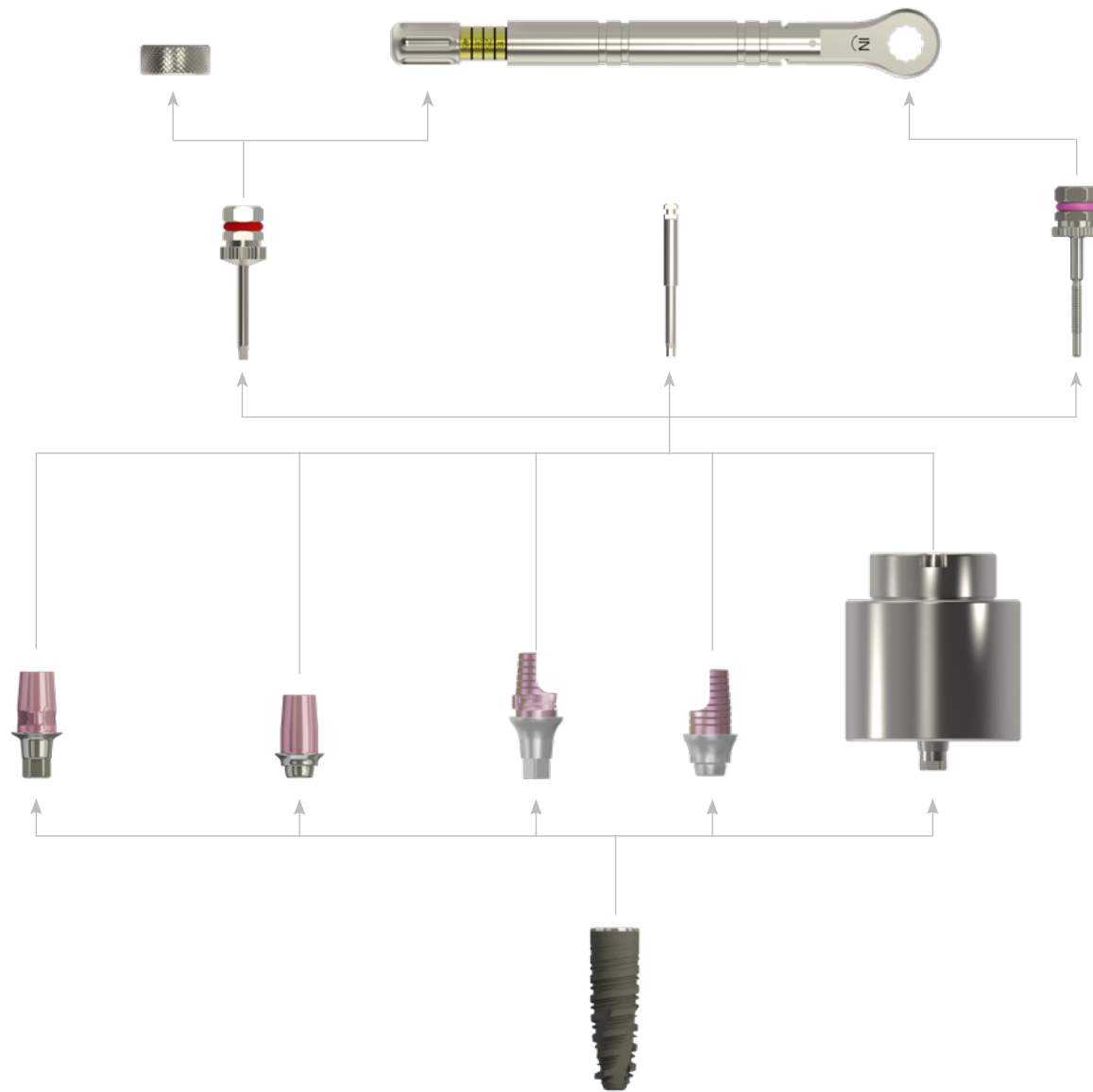


Lab components

	Universe 2.9 scan body (*)		
Platform	<table><tr><td>2.9</td><td>MDI29-80</td></tr></table>	2.9	MDI29-80
2.9	MDI29-80		
	Universe 2.9 CAD-CAM replica		
Platform	<table><tr><td>2.9</td><td>ANI-29CAD</td></tr></table>	2.9	ANI-29CAD
2.9	ANI-29CAD		
Spare	Universe 2.9 connecting screw for scanbody		
	<table><tr><td>VT29-SB</td></tr></table>	VT29-SB	
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

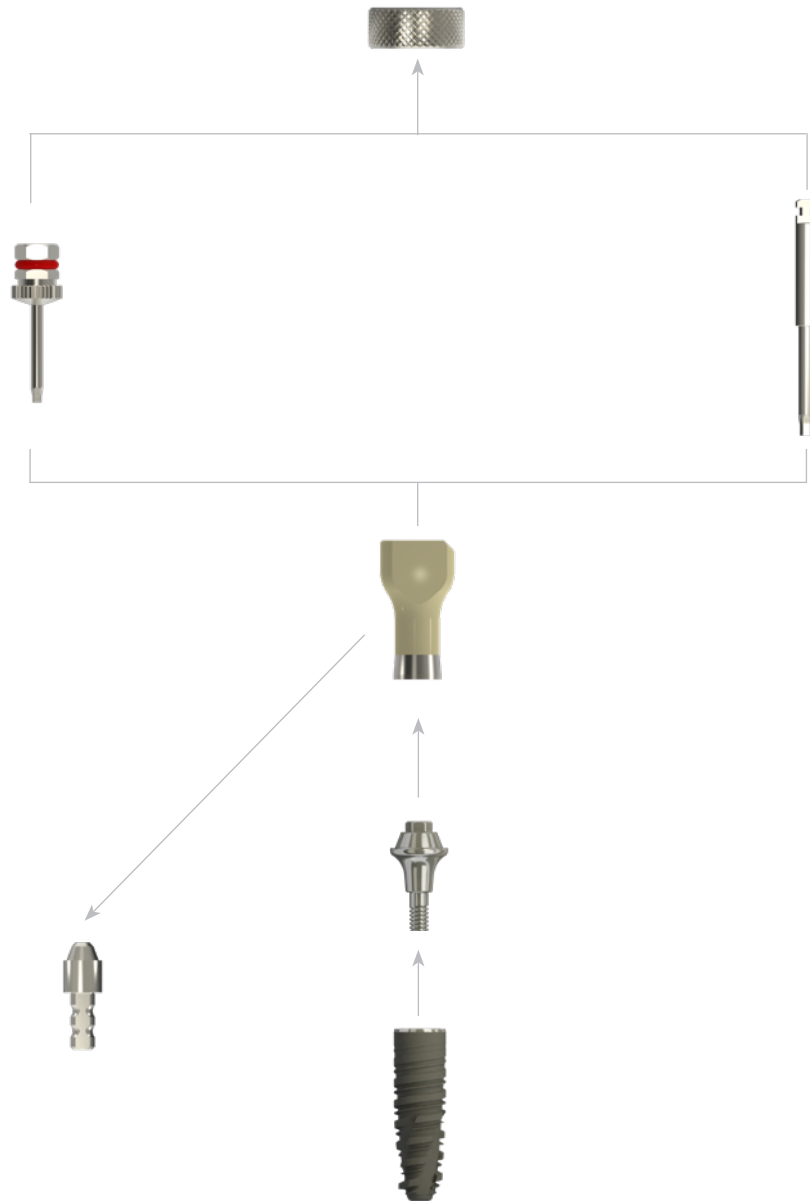


Universe 2.9 premilled (*)

Platform	Ø	
	11.5	16
2.9	MDI29-60	MDI29-61

(*) Connection screw included.

MUA impression taking workflow

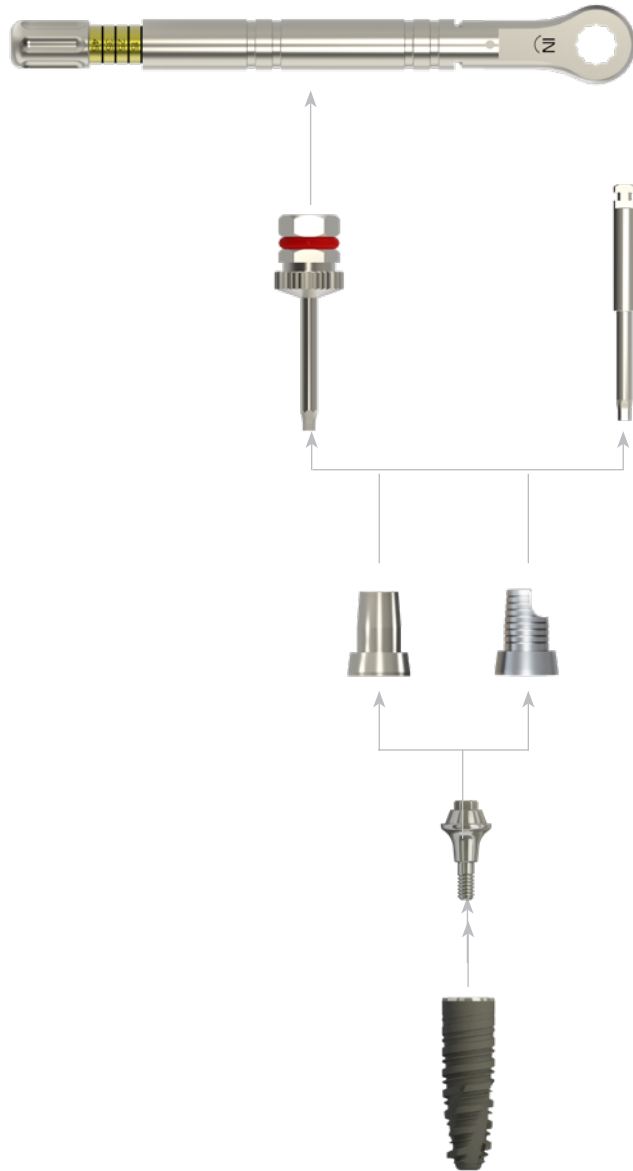


MUA lab components

	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



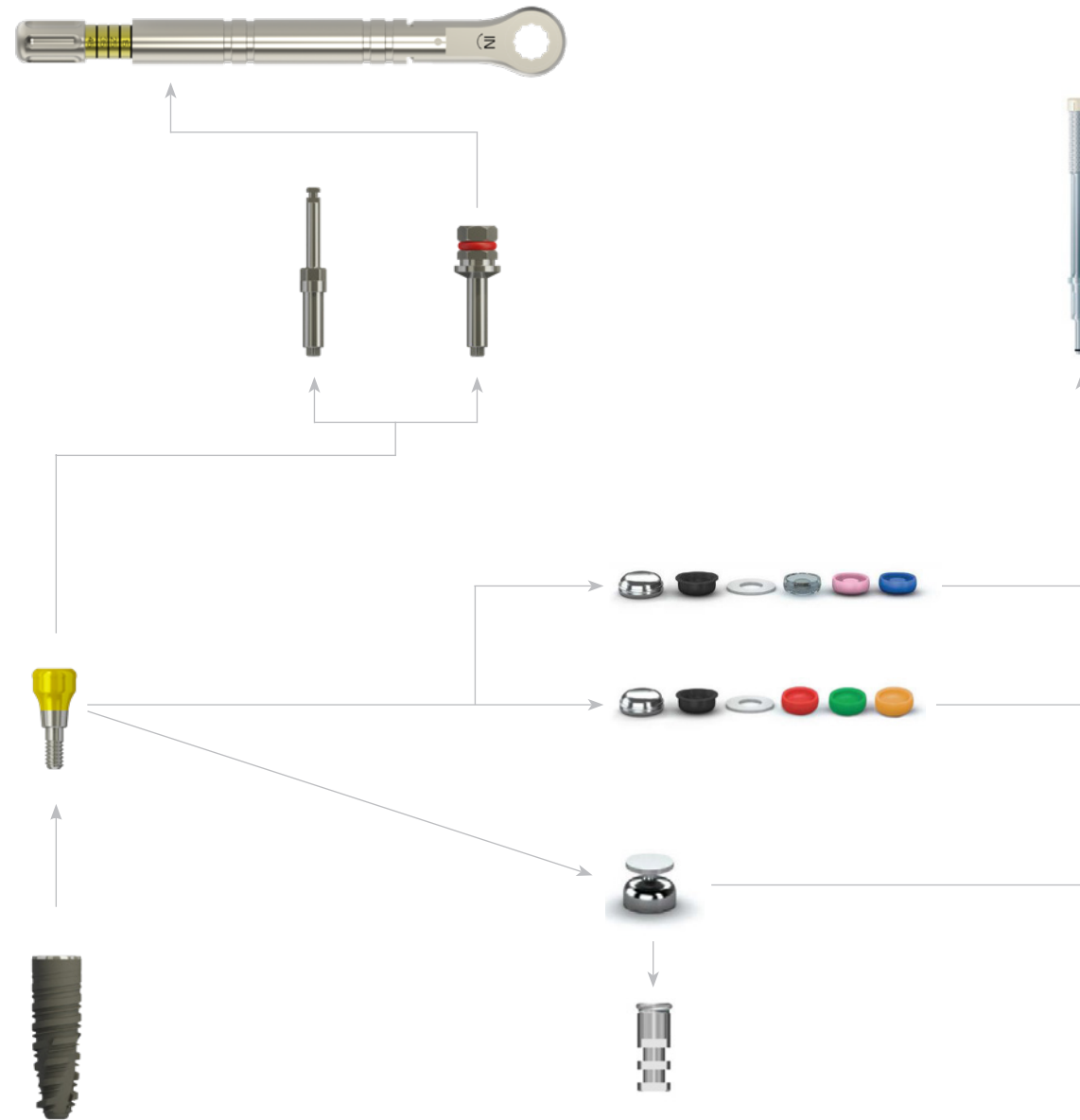
Max 15 Ncm

(*) 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

SFY162



Flexator mid cap for lab - black

SFY161



Flexator propack 0°- 20°

SFY166



Flexator propack 20°- 40°

SFY167



Flexator titanium cap

SFY163



Flexator mid cap LR 0°-20° - blue

SFY154



Flexator mid cap MR 0°-20° - pink

SFY155

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

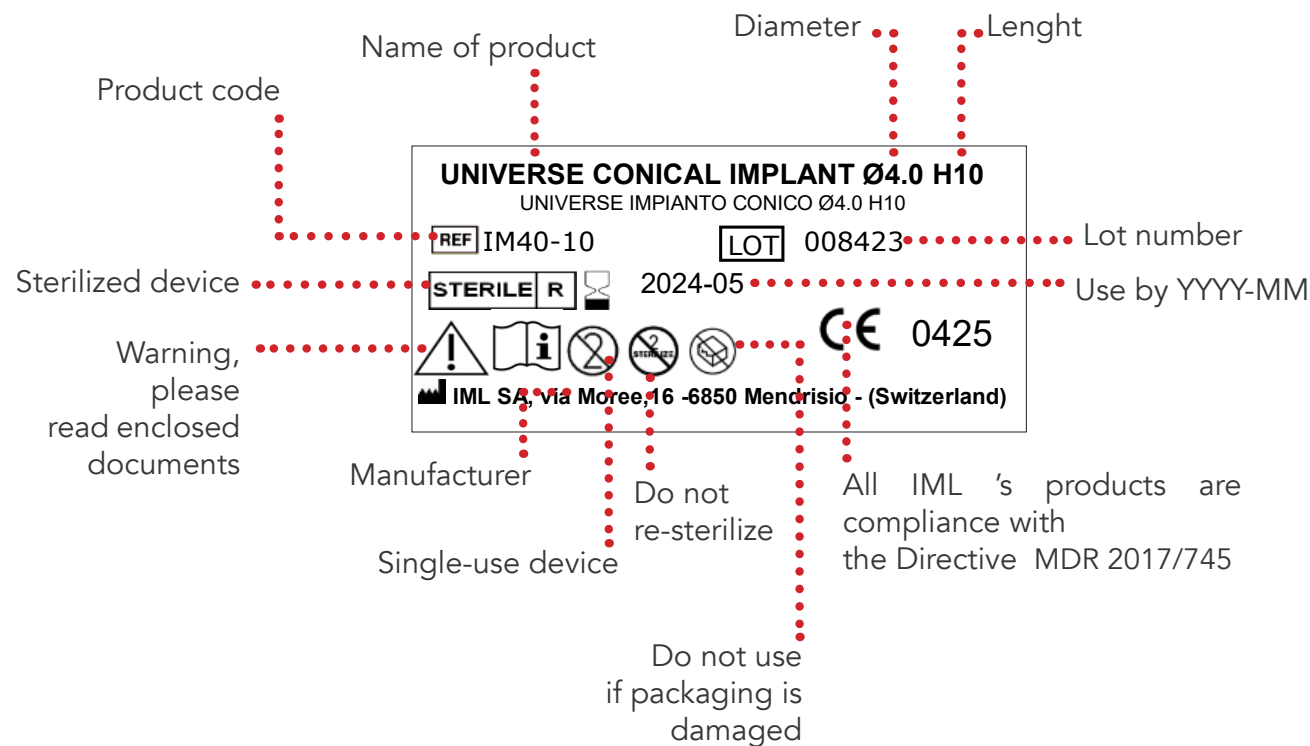
PACKAGING



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.



Quality checks

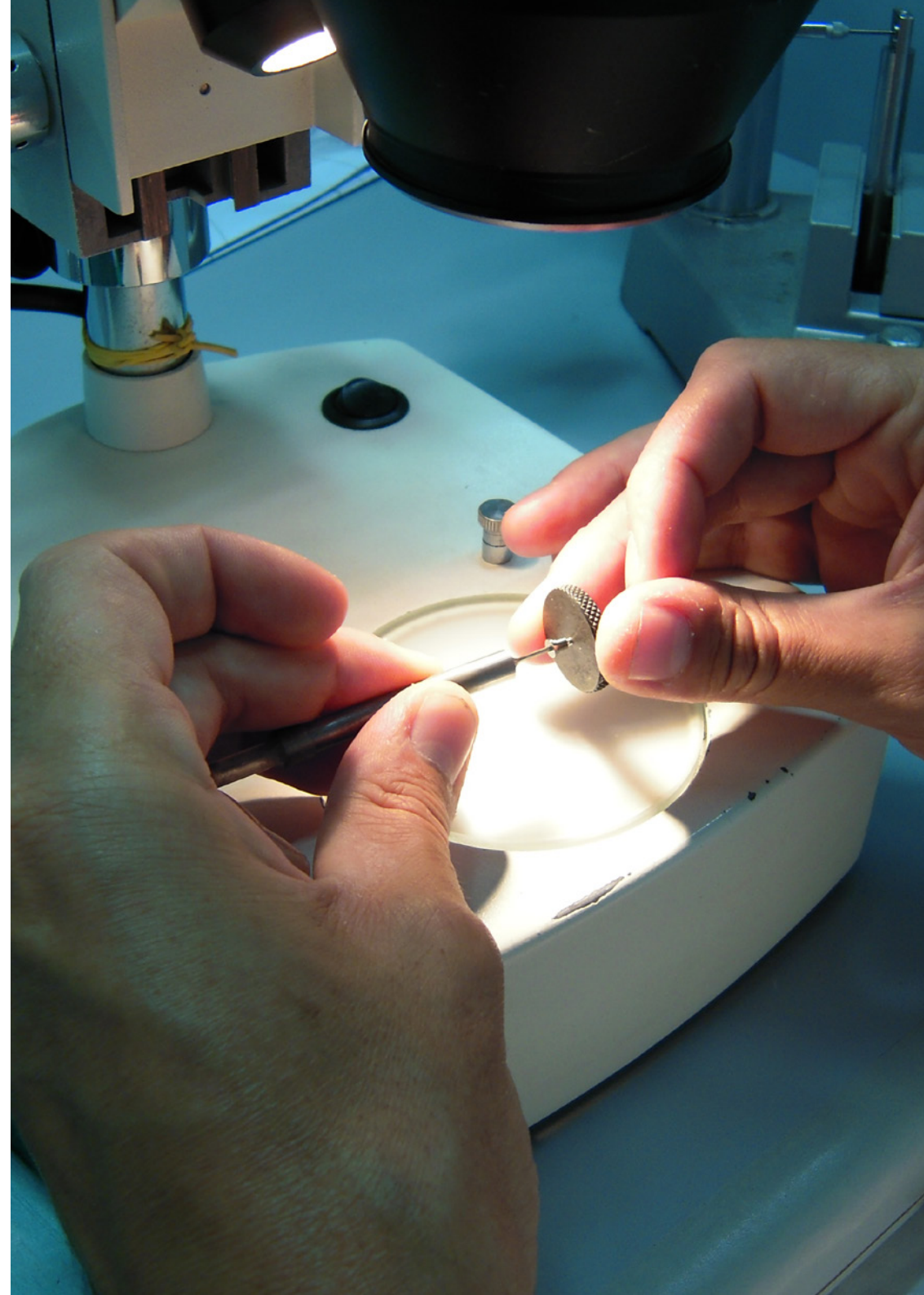
Control of quality or quality control? A play on words, useful in explaining that checking is not enough for IML. Control in IML is synonymous with uncompromising elimination of all those components that present the slightest imperfection even if only aesthetic.

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.





Contacts

IML SA

Administrative and operational location:

Via Moree, 16 - Ingresso B
6850 Mendrisio (Switzerland)

Tel: +41 (0)916001310

www.iml.swiss

info@immediateload.com

COME AND VISIT US

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

