

XCN[®] IMPLANT SYSTEM

Multi-Unit Abutments (MUA)
FOR SCREW-RETAINED
PROSTHESIS
AND ACCESSORIES

MUA (Multi-Unit Abutment)

Ideal for

- screw-retained bridges
- bar-retained overdentures
- immediate loading (e.g. All-on-four)
- transgingival healing
(with the corresponding healing screw)



Features

- made of medical grade 5 titanium
- tapered top for the connection of a multi-unit screw-retained restoration
- **MUA:** autoclavable
delivered mounted on a multifunctional screw for easy positioning and orientation in the dental cast
- **MUA Plus:** sterile
delivered mounted on a carrier for easy positioning and orientation in the implant

Broad abutment assortment

The Leone MUA assortment is the broadest on the market with angulations of: 0°, 7,5°, 15°, 25° and 35° and various gingival heights.

Abutment Gauges are available to facilitate the selection of the most appropriate abutment.

Prosthetic versatility

The MUA has a range of accessories for various fabrication techniques of screw-retained prosthesis:

- **CAD-CAM interfaces** available in the most popular software like 3Shape Dental System, Exocad DentalCAD and DWOS Dental Wings* for digital fabrication of screw-retained bars and bridges;
- **titanium cylinders**, with retention grooves and two opposite plain faces for bonding techniques;
- **titanium cylinders with increased wall thickness** with smooth surface and specific titanium wires ideal for welding techniques
- **burn-out cylinders, standard and high** for casting techniques.

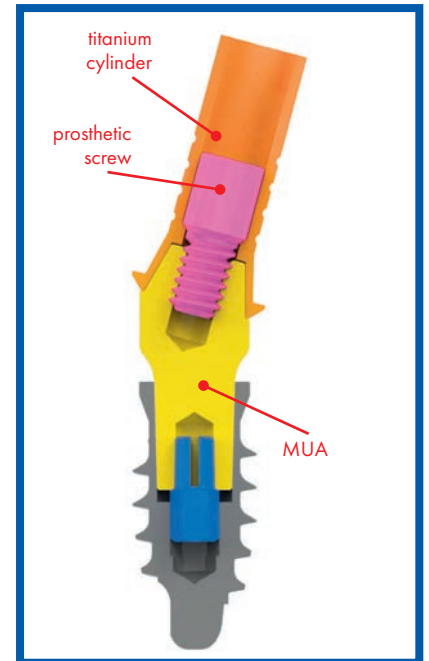
*3Shape Dental System is trademarks of 3Shape, Exocad is a registered trademark of Exocad GmbH, DWOS and Dental Wings are registered trademarks of Dental Wings.

Prosthetic flexibility

The MUA fits to any clinical situation thanks to the XCN® 360° connection. The movable hexagon allows for 360° positioning on the dental cast and facilitates the achievement of parallelism. The permanent connection of the hexagon in the selected position guides the clinician in the accurate positioning in the mouth.

Quick and reliable procedure

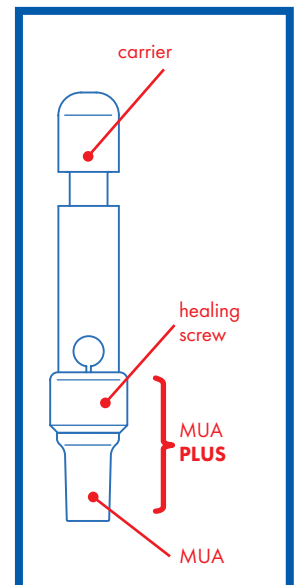
With the Leone system there is only one screw to deal with as the connection between abutment and implant is accomplished with the screwless self-locking Morse taper connection. The prosthetic screw is extremely strong with a diameter of 2 mm (M2).



MUA PLUS - sterile

The MUA Plus is designed for insertion immediately after implant placement. It is delivered mounted on a carrier that facilitates its positioning and orientation in the implant. The abutment has no index (hexagon) and can rotate freely. The immediate retention of the Morse taper avoids any unwanted displacement of the abutment prior to definitive fixing in the implant.

The system includes specific accessories designed for the passive seating of structures during immediate loading procedures, such as titanium cylinders and specific multifunctional screws (ideal for intraoral bonding techniques) or titanium cylinders with increased wall thickness and titanium wires for intraoral welding techniques.



MUA




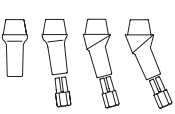
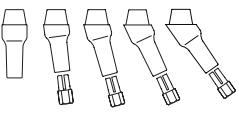
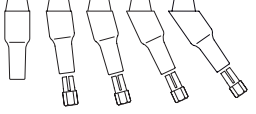

Necessary instruments

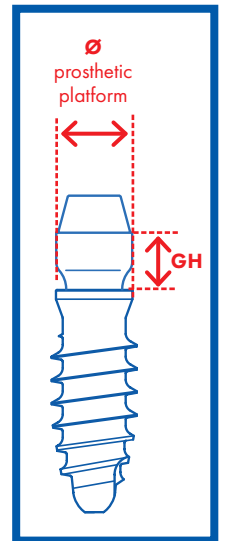
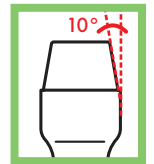
- selection of the most appropriate MUA with the Abutment Gauges
- activation of the connection with the abutment seater with straight or offset PEEK tip

Package


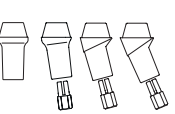
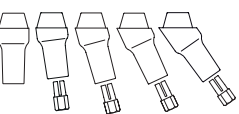
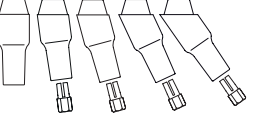

- 1 abutment mounted on multifunctional screw
- 1 hexagon (for the angled abutments only)

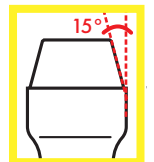
MUA

					1:1
Ø connection (mm)	2.2	2.2	2.2	2.2	
Ø prosthetic platform (mm)	3.3	3.3	3.3	3.3	
GH (mm)	1.5	3	5	7	
straight	126-3311-01	126-3313-01	126-3315-01	126-3317-01	
75° angled	126-3311-07	126-3313-07	126-3315-07		
REF 15° angled	126-3311-15	126-3313-15	126-3315-15		
25° angled	126-3311-25	126-3313-25	126-3315-25		
35° angled		126-3313-35	126-3315-35		



MUA

					1:1
Ø connection (mm)	3.0	3.0	3.0	3.0	
Ø prosthetic platform (mm)	4.1	4.1	4.1	4.1	
GH (mm)	1.5	3	5	7	
straight	126-4111-01	126-4113-01	126-4115-01	126-4117-01	
75° angled	126-4111-07	126-4113-07	126-4115-07		
REF 15° angled	126-4111-15	126-4113-15	126-4115-15		
25° angled	126-4111-25	126-4113-25	126-4115-25		
35° angled		126-4113-35	126-4115-35		



MUA PLUS



Necessary instruments

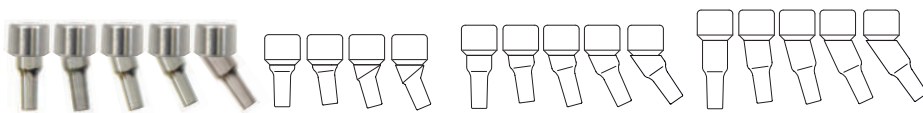
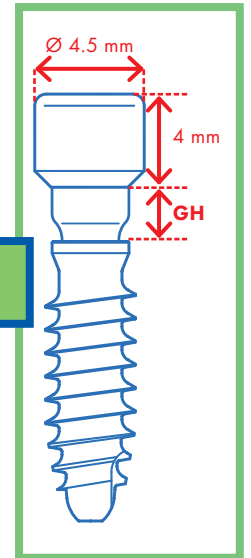
- selection of the most appropriate MUA Plus with the Abutment Gauges
- activation of the connection with the abutment seater with straight or offset titanium tip

Sterile package

- 1 abutment with healing screw mounted on carrier



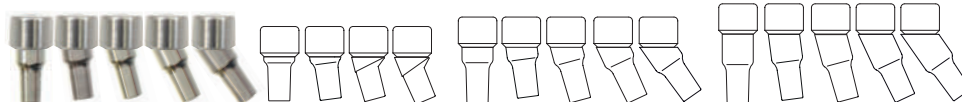
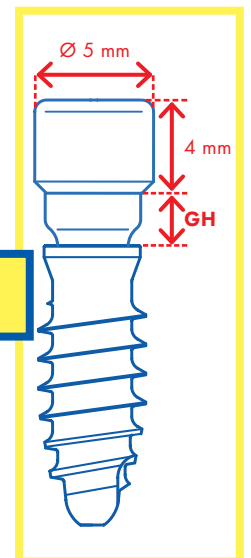
MUA Plus



Ø connection (mm)	2.2	2.2	2.2
Ø prosthetic platform (mm)	3.3	3.3	3.3
GH (mm)	1.5	3	5

straight	126-3321-01	126-3323-01	126-3325-01
7.5° angled	126-3321-07	126-3323-07	126-3325-07
REF 15° angled	126-3321-15	126-3323-15	126-3325-15
25° angled	126-3321-25	126-3323-25	126-3325-25
35° angled		126-3323-35	126-3325-35

MUA Plus



Ø connection (mm)	3.0	3.0	3.0
Ø prosthetic platform (mm)	4.1	4.1	4.1
GH (mm)	1.5	3	5

straight	126-4121-01	126-4123-01	126-4125-01
7.5° angled	126-4121-07	126-4123-07	126-4125-07
REF 15° angled	126-4121-15	126-4123-15	126-4125-15
25° angled	126-4121-25	126-4123-25	126-4125-25
35° angled		126-4123-35	126-4125-35

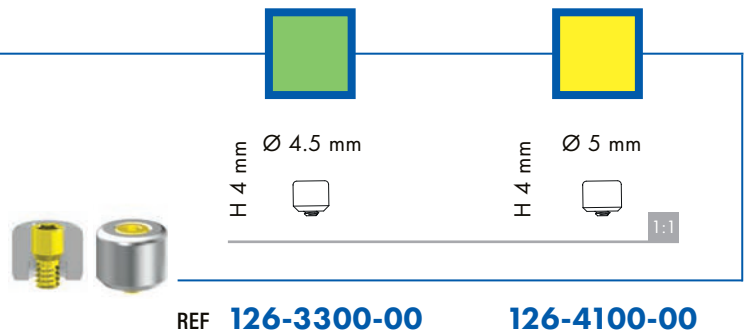
HEALING SCREWS FOR MUA

- made of medical grade 5 titanium
- for soft tissue conditioning with MUA
- colour-coded
- autoclavable

Pack of 1

Necessary instruments:

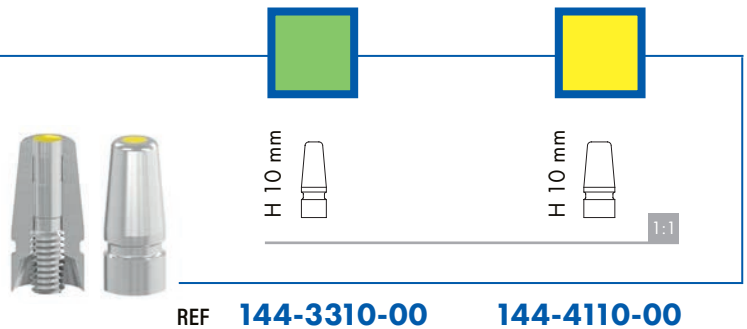
short screw adapter with the prosthetic hand screwdriver



REPOSITIONABLE TRANSFER FOR MUA

- made of stainless steel
- to take an impression of the MUA connected to the implant
- for closed tray technique
- colour-coded
- autoclavable

Pack of 1



PICK-UP TRANSFER FOR MUA

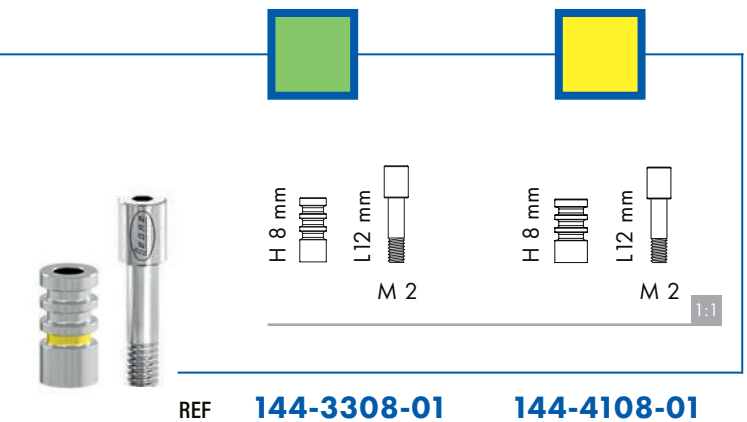
- made of stainless steel
- to take an impression of the MUA connected to the implant
- for open tray technique
- colour-coded
- autoclavable

Pack content:

- 1 Pick-Up transfer
- 1 Pick-Up screw

Necessary instruments:

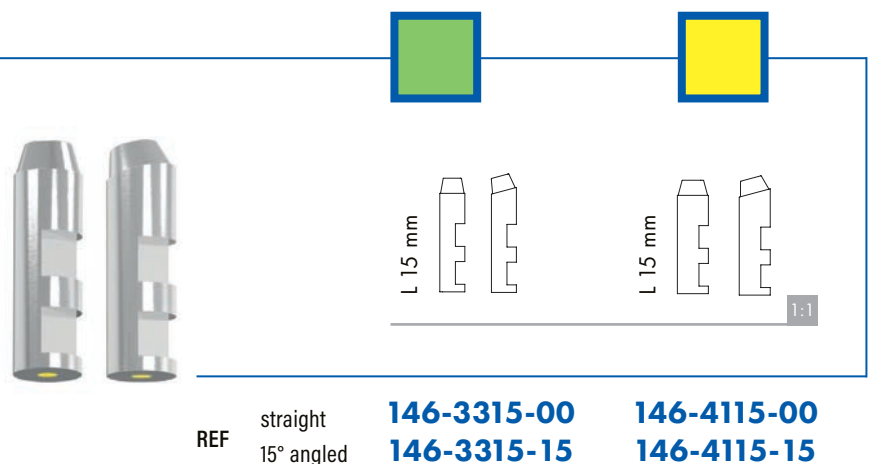
short screw adapter with the prosthetic hand screwdriver



MUA ANALOGS

- made of stainless steel
- to replicate the position of the MUA in the dental cast
- colour-coded

Pack of 1



SCAN BODY FOR MUA

- made of PEEK
- to take a digital impression of the MUA in the mouth or to digitize the dental cast in the laboratory
- autoclavable

Pack of 5



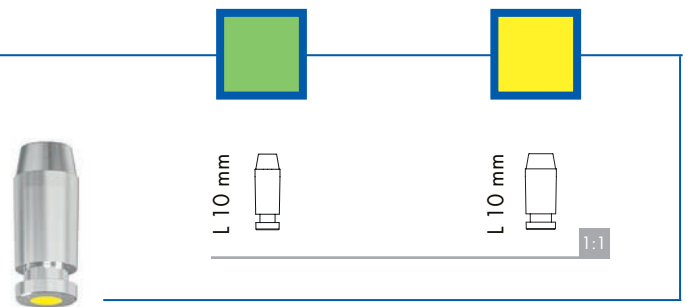
REF **141-0026-35**

DIGITAL ANALOGS FOR MUA

- made of stainless steel
- to be positioned inside a rapid prototyping dental cast originated from an intraoral digital impression
- colour-coded

Pack content:

- 1 analog
- 1 multifunctional screw for the positioning in the dental cast
- 2 pins for the stabilization within the cast



REF **142-2210-54**

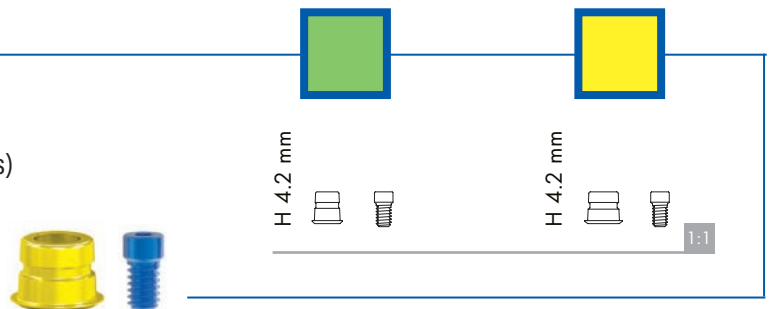
142-3010-54

CAD-CAM INTERFACES FOR MUA

- made of medical grade 5 titanium
- to fix a CAD-CAM fabricated prosthesis to the MUA in case of bonding techniques (e.g. PEEK or zirconia structures)
- colour-coded
- autoclavable

Pack content:

- 2 CAD-CAM interfaces
- 2 standard connecting screws, blue anodized



REF **126-0304-22**

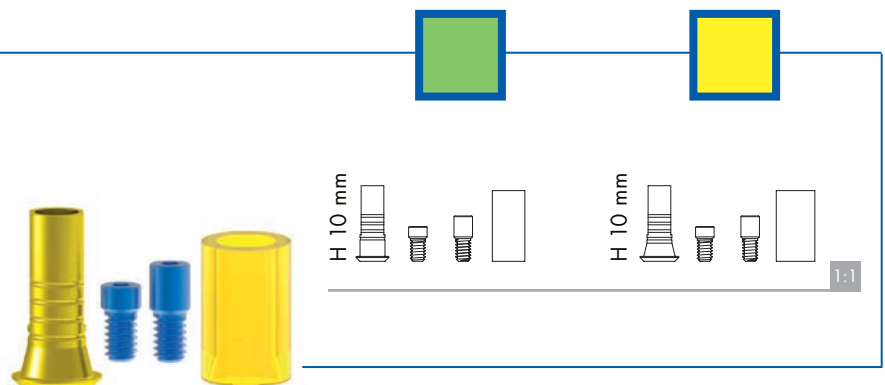
126-0404-30

BONDING CYLINDERS FOR MUA

- made of medical grade 5 titanium
- to fix the prosthesis to the MUA
- supplied with cylindrical burn-out coping for bonding techniques
- 0.4 mm wall thickness
- colour-coded
- autoclavable

Pack content:

- 2 cylinders
- 2 burn-out copings for bonding cylinders
- 2 standard connecting screws, blue anodized
- 2 high head connecting screws, blue anodized



REF **126-0410-22**

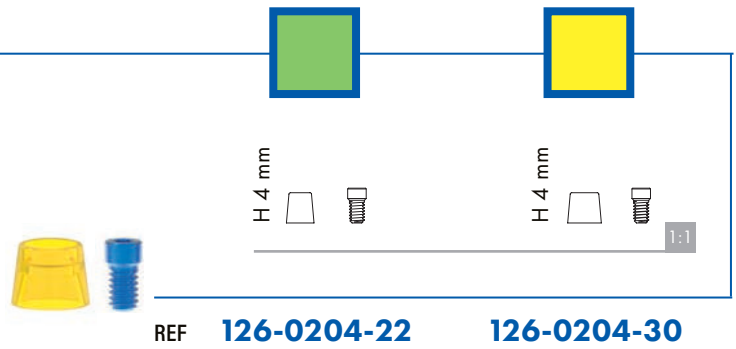
126-0410-30

STANDARD BURN-OUT CYLINDERS FOR MUA

- made of burn-out plastic material
- colour-coded

Pack content:

- 4 cylinders
- 4 standard connecting screws, blue anodized

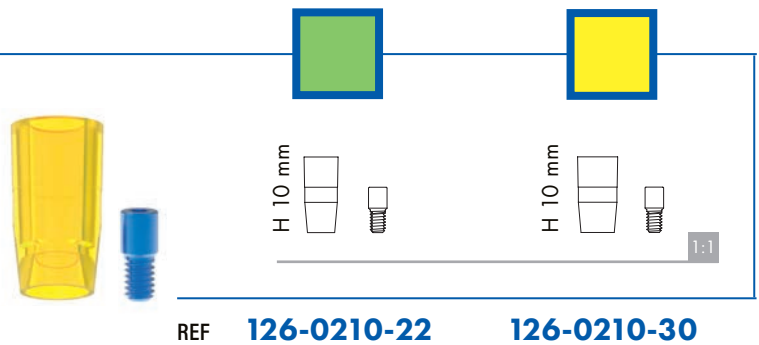


HIGH BURN-OUT CYLINDERS FOR MUA

- made of burn-out plastic material
- colour-coded

Pack content:

- 4 cylinders
- 4 high head connecting screws, blue anodized

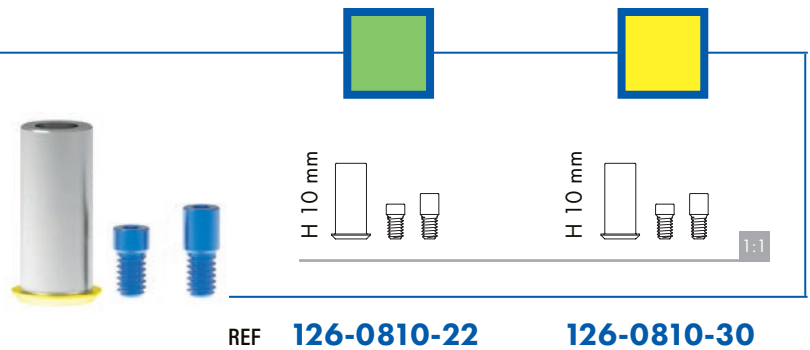


WELDING CYLINDERS FOR MUA

- made of medical grade 5 titanium
- to fix the prosthesis to the MUA
- wall thickness 0.8 mm
- colour-coded
- autoclavable

Pack content:

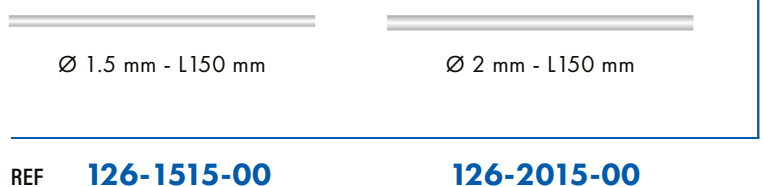
- 2 cylinders
- 2 standard connecting screws, blue anodized
- 2 high head connecting screws, blue anodized



TITANIUM WIRES FOR WELDING

- made of medical grade 2 titanium
- for intra or extra-oral welding techniques
- Ø 1.5 mm: for distances among abutments ≤ 8 mm
- Ø 2 mm: for distances among abutments > 8 mm
- autoclavable

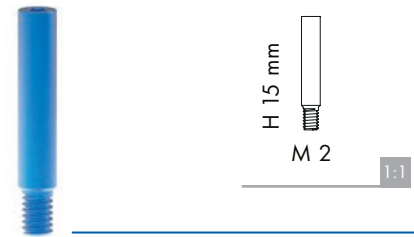
Pack of 5



MULTIFUNCTIONAL SCREW

- made of medical grade 5 titanium
- to position the MUA onto the implant
- to facilitate orientation and parallelization of the abutments
- to close the channels of the titanium cylinders during the fixation of the prosthesis
- to create an adequate sized channel for the connecting screw when modelling the framework in the laboratory
- blue anodized
- autoclavable

Pack of 2



REF **126-0115-06**

CONNECTING SCREWS FOR MUA

- made of medical grade 5 titanium
- to fix the prosthesis to the MUA
- blue anodized
- autoclavable

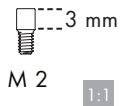
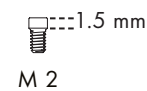
Pack of 1

Necessary instruments:

- screw adapter, short or long:
- with the prosthetic hand screwdriver and
- with the prosthetic torque wrench (for the final tightening)

standard

high head



REF

126-0101-00

126-0101-06

NOTE:

- connecting screws and MUA cylinders have been improved.
- All new accessories **are compatible** with the abutments for screw-retained prosthesis listed in the previous catalogue.
- New connecting screws (**blue anodized**) are **NOT compatible** with the titanium and burn-out copings of the previous catalogue.
- Connecting screws of the previous catalogue (**not anodized**) are **NOT compatible** with new MUA cylinders.
- For previously restored cases the connecting screws and the titanium copings listed in the previous catalogue remain available.

