

IMPLANT SYSTEM

XCN[®]

MUA FOR
MULTI-UNIT
SCREW-RETAINED
PROSTHESIS
AND ACCESSORIES



MUA (Multi-Unit Abutment)

Ideal for

- partial edentulism (bridges)
- complete edentulism
(full-arch and bar-retained overdenture)
- immediate loading (All-on-four)
- transgingival healing
(with the corresponding healing screw)



Caratteristiche

- made of medical grade 5 titanium
- tapered top for divergence compensation
- **MUA**: autoclavable
delivered mounted on a multifunctional screw for easy positioning and orientation
- **MUA Plus**: sterile
delivered mounted on a carrier for easy positioning and orientation

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.

Full range also available for small diameter implants.

Prosthetic versatility

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

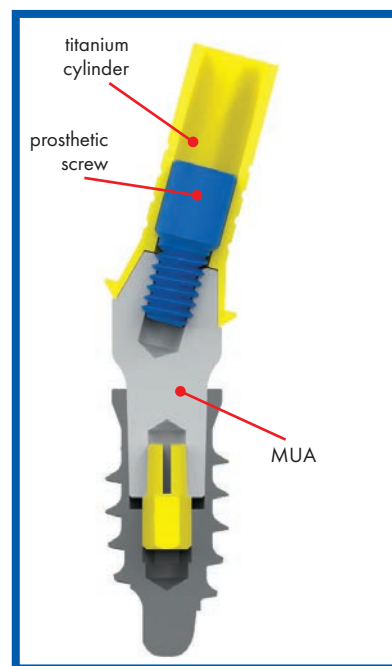
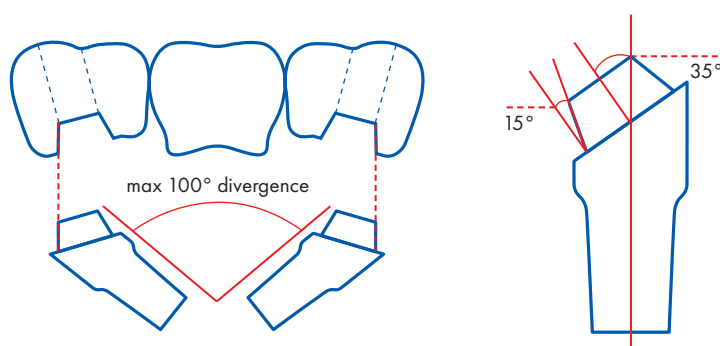
- **CAD-CAM interfaces** available in the most popular software like 3Shape Dental System, Exocad DentalCAD, DWOS Dental Wings and EGS Dental Cad* for digital fabrication of screw-retained bars and bridges;
- **titanium cylinders**, with retention grooves and two opposite plain faces for bonding techniques;
- **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 a registered trademark of 3Shape, Exocad is a registered trademark of Exocad GmbH, DWOS and Dental Wings are registered trademarks of Dental Wings, EGS is a registered trademark of EGS s.r.l.

Divergence compensation made easy

Ideal for compensating any kind of divergences of up to 50°, thanks to various angulations and the tapered top.

The XCN 360° connections allows for free positioning of the screw access channel, adapting to any clinical situation. The permanent connection of the 360° 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. This feature increases the speed of procedures, particularly important in the case of immediate loading.

The prosthetic screw is extremely strong with a diameter of 2 mm (M2).

MUA PLUS - sterile

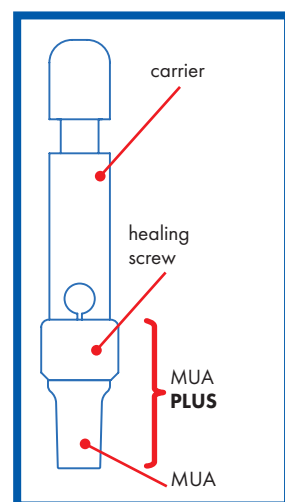
The MUA Plus is designed for insertion immediately after implant placement.

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

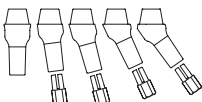
Package

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

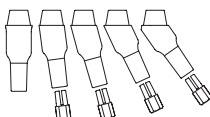


Ø connection (mm)
Ø prosthetic platform (mm)
GH (mm)

2,2
3,3
1,5



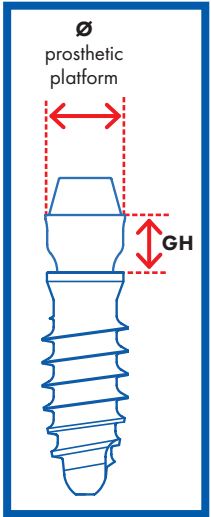
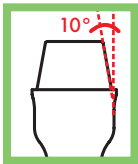
2,2
3,3
3



2,2
3,3
5

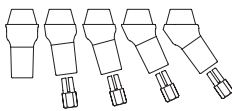
MUA

1:1

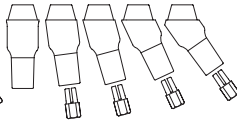


Ø connection (mm)
Ø prosthetic platform (mm)
GH (mm)

3,0
4,1
1,5



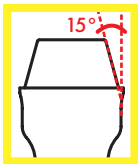
3,0
4,1
3



3,0
4,1
5

MUA

1:1



straight
7,5° angled
REF 15° angled
25° angled
35° angled

126-3311-01
126-3311-07
126-3311-15
126-3311-25

126-3313-01
126-3313-07
126-3313-15
126-3313-25
126-3313-35

126-3315-01
126-3315-07
126-3315-15
126-3315-25
126-3315-35

126-3317-01

straight
7,5° angled
REF 15° angled
25° angled
35° angled

126-4111-01
126-4111-07
126-4111-15
126-4111-25

126-4113-01
126-4113-07
126-4113-15
126-4113-25
126-4113-35

126-4115-01
126-4115-07
126-4115-15
126-4115-25
126-4115-35

126-4117-01

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

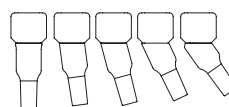
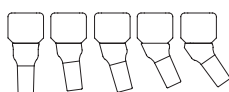
Sterile package

- 1 abutment with healing screw mounted on carrier



MUA Plus

1:1



Ø connection (mm)

2,2

2,2

2,2

Ø prosthetic platform (mm)

3,3

3,3

3,3

GH (mm)

1,5

3

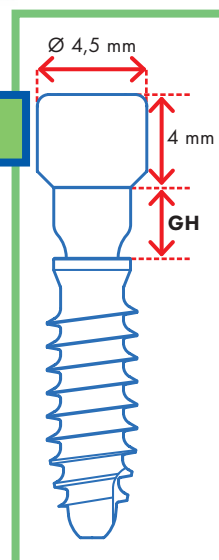
5

straight
7,5° angled
REF 15° angled
25° angled
35° angled

126-3321-01
126-3321-07
126-3321-15
126-3321-25

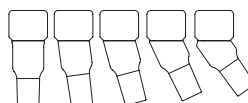
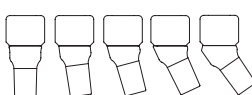
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126-3323-07
126-3323-15
126-3323-25
126-3323-35

126-3325-01
126-3325-07
126-3325-15
126-3325-25
126-3325-35



MUA Plus

1:1



Ø connection (mm)

3,0

3,0

3,0

Ø prosthetic platform (mm)

4,1

4,1

4,1

GH (mm)

1,5

3

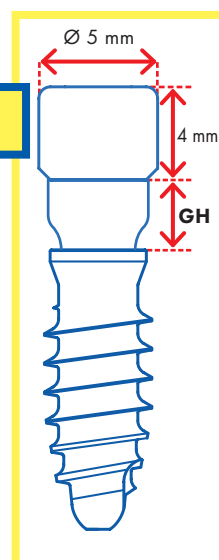
5

straight
7,5° angled
REF 15° angled
25° angled
35° angled

126-4121-01
126-4121-07
126-4121-15
126-4121-25

126-4123-01
126-4123-07
126-4123-15
126-4123-25
126-4123-35

126-4125-01
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126-4125-15
126-4125-25
126-4125-35



HEALING SCREWS

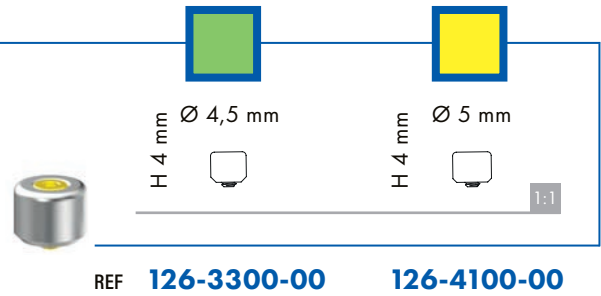
FOR MUA

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

Pack of 1

Necessary instruments:

screw adapter with the prosthetic hand screwdriver



SLIM HEALING SCREWS

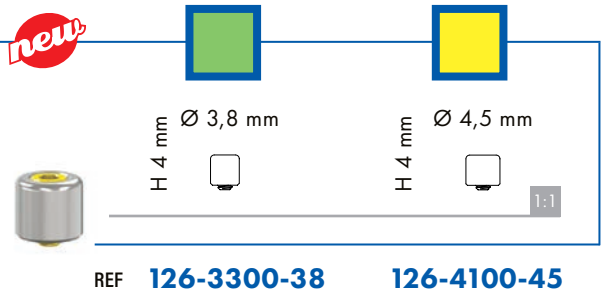
FOR MUA

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

Pack of 1

Necessary instruments:

screw adapter with the prosthetic hand screwdriver

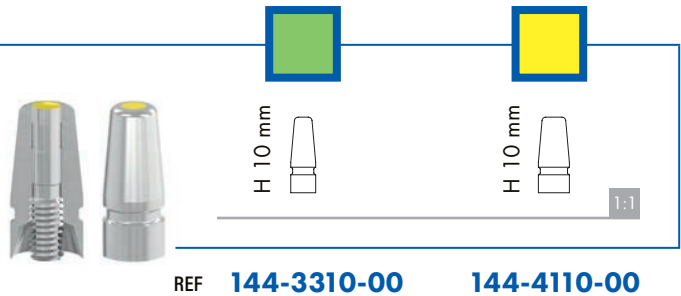


REPOSITIONABLE TRANSFER

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



TRANSFER PICK-UP

FOR MUA

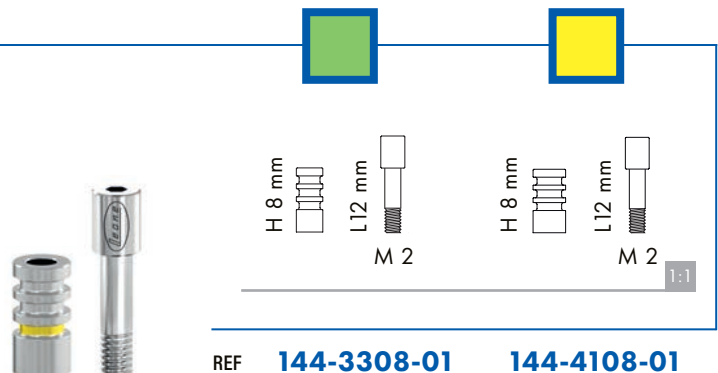
- made of stainless steel
- to take an impression of the MUA connected to the implant
- for open tray technique
- colour-coded
- autoclavable

Pack content:

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

Necessary instruments:

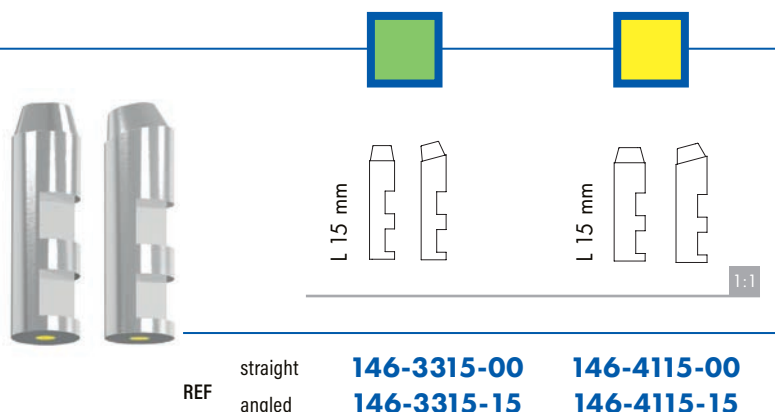
screw adapter with the prosthetic hand screwdriver



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**

POSITIONER FOR SCAN BODY FOR MUA

- made of stainless steel
- to position, screw and unscrew the Scan Body on the MUAs
- with a hole for the placement of a safety leash
- autoclavable

Pack of 1



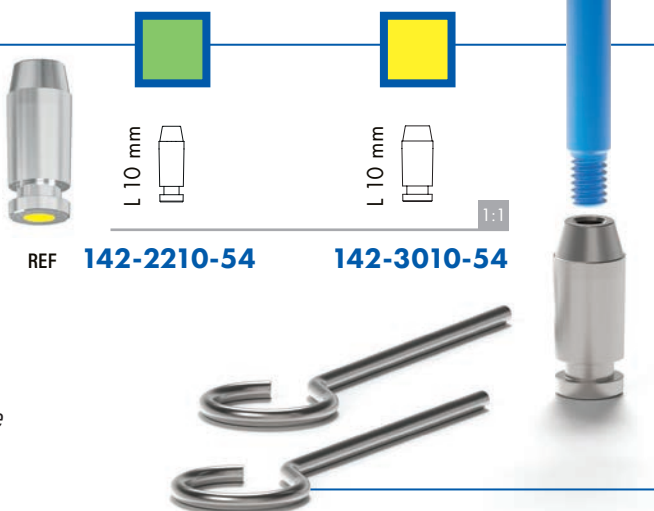
REF **141-0001-35**

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



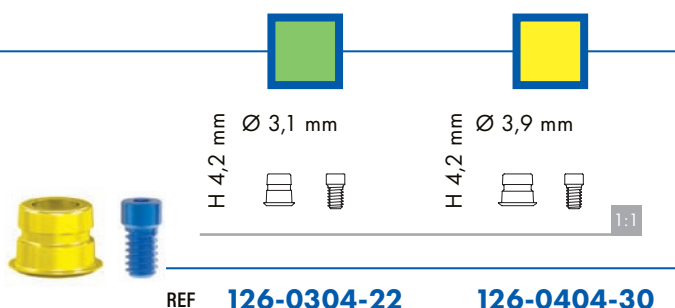
*On Leone web site it is possible to download the libraries of the CAD-CAM software in which Leone system is present:
www.leone.it/english/implantology.

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 low head connecting screws, blue anodized

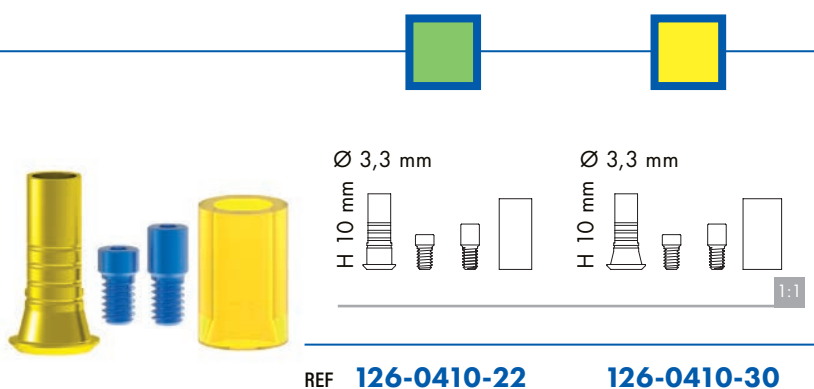


BONDING CYLINDERS FOR MUA

- 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 low head connecting screws, blue anodized
- 2 high head connecting screws, blue anodized

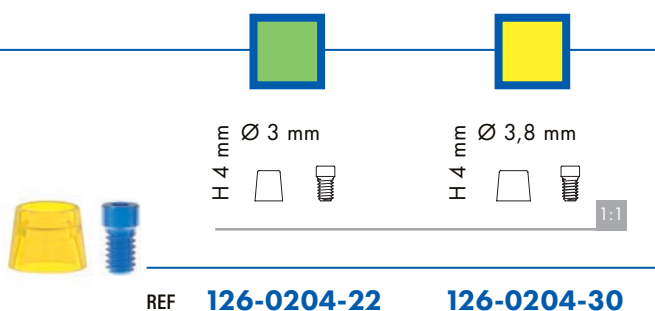


STANDARD BURN-OUT CYLINDERS FOR MUA

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

Pack content:

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

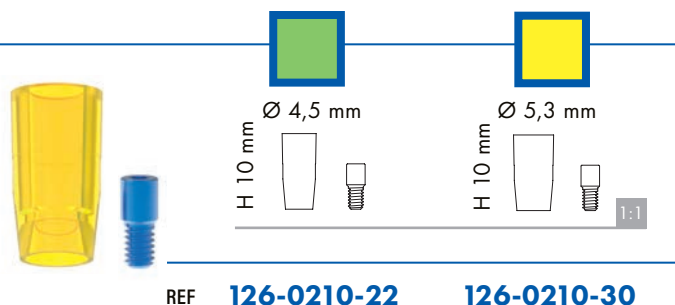


HIGH BURN-OUT CYLINDERS FOR MUA

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

Pack content:

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



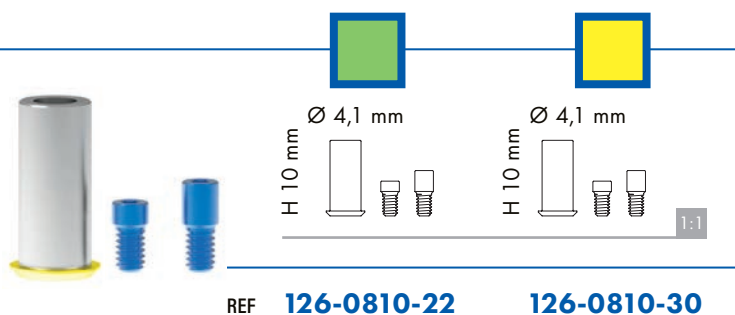
*On Leone web site it is possible to download the libraries of the CAD-CAM software in which Leone system is present:
www.leone.it/english/implantology.

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 low head connecting screws, blue anodized
- 2 high head connecting screws, blue anodized



REF **126-0810-22** **126-0810-30**

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

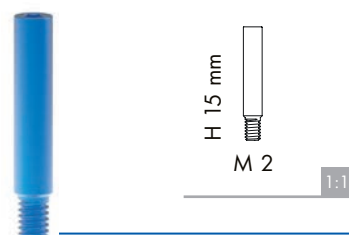


REF **126-1515-00** **126-2015-00**

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**

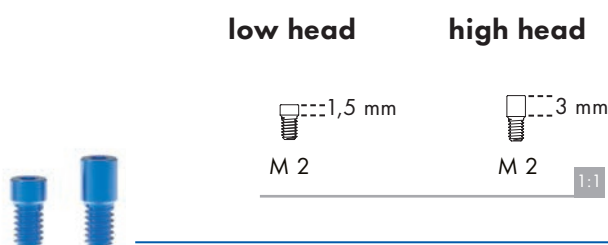
CONNECTING SCREWS FOR MUA

- 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 prosthetic hand screwdriver or prosthetic torque wrench
- alternatively handpiece screwdriver



REF **126-0101-00** **126-0101-06**

NOTE:

- Both connecting screws and MUA cylinders have been optimized compared to versions present in the previous catalogues.
- All current accessories **are compatible** with the previous abutments for screw-retained prosthesis.
- The current **blue anodized** connecting screws are **NOT compatible** with the titanium and burn-out copings of Leone Catalogue 2015 and previous.
- The **non-anodized** connecting screws of Leone Catalogue 2015 and previous are **NOT compatible** with the current MUA cylinders.
- For previously restored cases the connecting screws and the titanium copings listed in the Leone Catalogue 2015 and previous remain available.

