

**IMPLANT SYSTEM**

**XCN<sup>®</sup>**

PRODUCTS FOR  
SOFT TISSUE CONDITIONING AND  
PROSTHETIC COMPONENTS



## HEALING CAPS STANDARD AND LARGE

---



### Ideal for

---

- two-stage technique  
(insertion after a submerged implant healing period)
- one-stage technique  
(insertion immediately after implant placement for transgingival healing)

### Features

---

- made of medical grade 5 titanium
- for soft tissue contouring
- GH 1,5: in two-stage technique instead of the cover cap in case of subcrestal implant placement

### Health of periimplant tissues

---

Due to the self-locking Morse taper connection, the gap between implant and healing cap is essentially zero and therefore the body recognizes the two elements as one single element. The absence of a micro gap also provides a hermetic barrier against bacterial infiltration as demonstrated by in-vitro studies. This promotes the clinical success of the one-stage technique documented by multiple clinical studies.

*Bibliography: [www.leone.it/english/services/publication-implantology.php](http://www.leone.it/english/services/publication-implantology.php)*

*Courtesy of  
Dr. L. Targetti*



### Necessary instruments

---






- selection of the most appropriate cap with the straight Abutment Gauge
- activation of the connection with the abutment seater with straight or offset titanium tip
- unlocking of the connection with the hex head extractor
- **GH 1,5:** after unlocking the connection with the hex head extractor, use the instrument for the cover caps for removal

### Sterile package





---

- 1 healing cap mounted on carrier






Healing cap **standard**

				
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
REF	<b>133-3301-33</b>	<b>131-3303-33</b>	<b>131-3305-33</b>	<b>131-3307-33</b>





Healing cap **large**

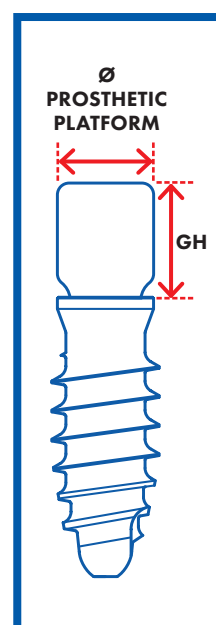
			
Ø connection (mm)	2,2	2,2	2,2
Ø prosthetic platform (mm)	4,5	4,5	4,5
GH (mm)	3	5	7
REF	<b>131-3303-45</b>	<b>131-3305-45</b>	<b>131-3307-45</b>

Healing cap **standard**

				
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
REF	<b>133-4101-41</b>	<b>131-4103-41</b>	<b>131-4105-41</b>	<b>131-4107-41</b>

Healing cap **large**

			
Ø connection (mm)	3,0	3,0	3,0
Ø prosthetic platform (mm)	5,5	5,5	5,5
GH (mm)	3	5	7
REF	<b>131-4103-55</b>	<b>131-4105-55</b>	<b>131-4107-55</b>



Specific products for soft tissue conditioning in case of screw-retained prostheses are also available:

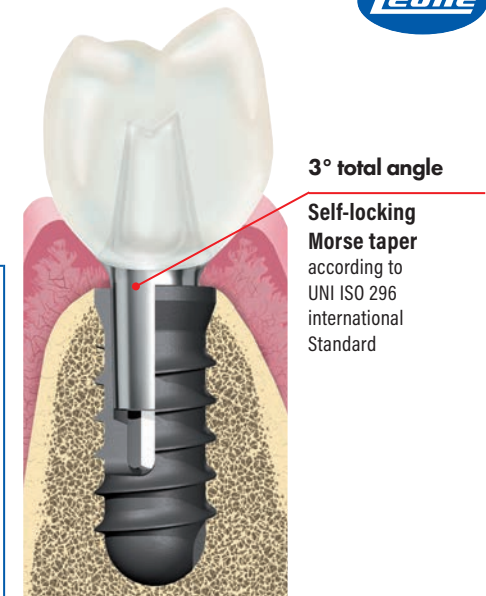
- ExaConnect Plus for single-unit restorations (pages 61, 63)
- MUA Plus for multi-unit restorations (pages 69, 71).

IMPLANT-ABUTMENT  
MORSE TAPER CONNECTION

Thanks to the combination of screwless self-locking Morse taper and the internal hexagon, the XCN® implant-abutment connection provides:

- outstanding resistance to masticatory forces
- very low percentage of prosthetic complications
- precise transfer of implant position between dental office and laboratory.

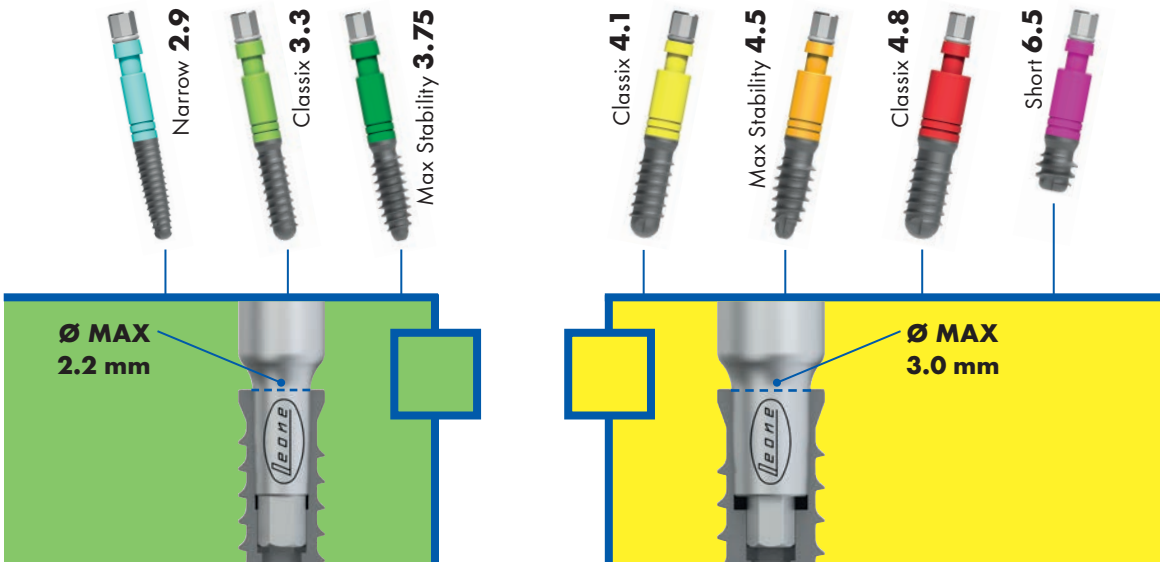
Bibliography: [www.leone.it/english/services/publication-implantology.php](http://www.leone.it/english/services/publication-implantology.php)



CONNECTION DIAMETERS AND COLOUR CODING

Connection diameter is the maximum size of the Morse taper.  
Leone prosthetics is particularly simple since the system has only two connection diameters:

- 2,2 mm (**green** colour code) for small diameter implants
- 3,0 mm (**yellow** colour code) for implants with larger diameters.



INDEXING OPTIONS

The system offers 3 different indexing options depending on the component selected: **with hexagon, without hexagon and with 360° hexagon**.  
**Protected by international patents**, the XCN® 360° connection is the only system worldwide allowing for indexed abutments with no limits on positioning. This is possible due to the apical hexagon being independent from the rest of the abutment allowing for free positioning of 360°. In this way it is always easy to achieve parallelism, without losing the important index (hexagon).



STERILE PROSTHETIC COMPONENTS

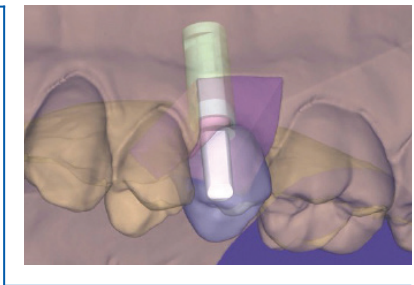
The following prosthetic components are available sterile mounted on specific carriers to facilitate immediate loading and the one-stage surgical technique (transgingival healing):

- healing caps, Standard and Large
- ExaConnect Plus with the corresponding healing screw
- MUA Plus with the corresponding healing screw.

CAD-CAM PROSTHETICS

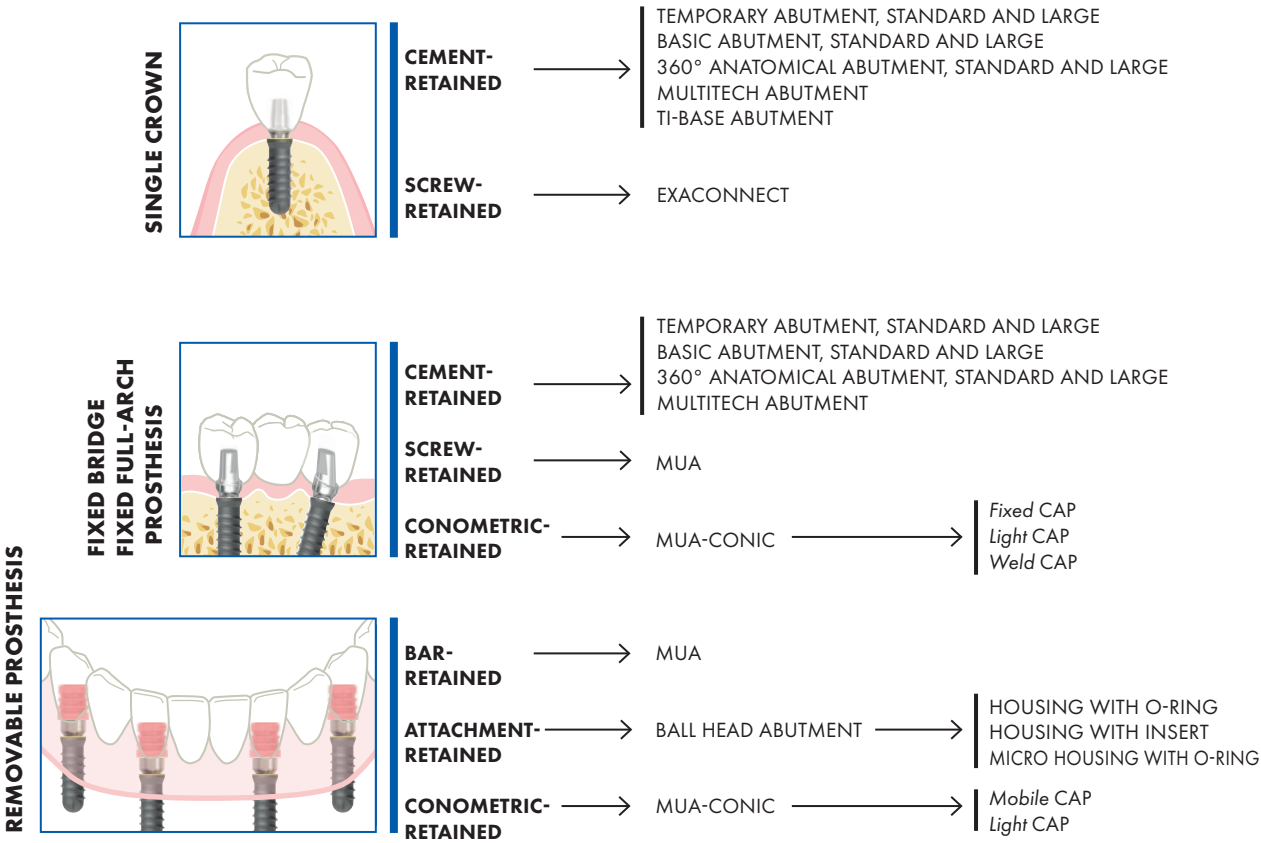
Leone implant system is equipped with the necessary accessories to fabricate, by digital production, cement-retained and screw-retained single teeth and bridges, as well as bars with the most popular CAD-CAM software.

For more information see page 168 or visit [www.leone.it/english/implantology](http://www.leone.it/english/implantology)



PROSTHETIC VERSATILITY

The Leone implant system offers the possibility to fabricate cement-and screw-retained fixed restorations, fixed and removable conometric-retained restorations, as well as attachment-and bar-retained removable dentures.



Narrow 2.9

Classix 3.3

Max Stability 3.75

SOFT TISSUE CONDITIONING – STERILE PRODUCTS

UNIVERSAL

HEALING CAPS



Standard

- GH 1,5
- GH 3
- GH 5
- GH 7



Large

- GH 3
- GH 5
- GH 7

page 37

FOR SCREW-RETAINED PROSTHESIS ONLY

EXACONNECT PLUS



page 63

- straight
- 7,5° angled
- 15° angled
- 25° angled

- GH: 1,5 - 3 - 5

MUA PLUS



page 71

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

- GH: 1,5 - 3 - 5

CEMENT-RETAINED PROSTHESIS

TRANSFERS IMPLANT LEVEL

TRANSFERS



page 55

- Standard short
- Standard long
- Large

SCAN POST AND SCAN BODY



page 56

- Inclined Plane
- Pyramid

ANALOGS IMPLANT LEVEL

ANALOG



page 55

- L 9 mm
- L 13 mm

DIGITAL ANALOG



page 57

SCREW-RETAINED PROSTHESIS

ABUTMENTS

EXACONNECT



page 62

- straight
  - 7,5° - 15° - 25° angled
- GH: 1,5 - 3 - 5

MUA



page 70

- straight
  - 7,5° - 15° - 25° - 35° angled
- GH: 1,5 - 3 - 5 - 7

HEALING SCREWS ABUTMENT LEVEL

EXACONNECT HEALING SCREW



page 64

MUA HEALING SCREWS



page 72

- Ø 3,8 mm
- Ø 4,5 mm

CONOMETRIC-RETAINED PROSTHESIS

ABUTMENTS

MUA-CONIC



pages 78, 80

- straight
  - 7,5° - 15° - 25° - 35° angled
- GH: 1,5 - 3 - 5 - 7

ATTACHMENT-RETAINED PROSTHESIS

ABUTMENTS

BALL HEAD



page 86

- straight
  - 15° angled
- GH: 1,5 - 3 - 5












HOUSINGS

WITH O-RING



page 88




ABUTMENTS

TEMPORARY	BASIC	360° ANATOMICAL	MULTITECH	TI-BASE
 page 48	 page 49	 page 51	 page 53	 page 54
 Standard and Large - straight - 15° angled	 Standard and Large - straight - 15° - 25° angled	 Standard and Large - straight - 15° - 25° angled - GH: 1 - 2 - 3 - 4	 - straight  - 15° angled	 - straight

TRANSFER  
ABUTMENT LEVEL

REPOSITIONABLE AND PICK-UP EXACONNECT	LAB AND SCAN TI-BASE AND SCAN BODY
 page 64	 page 65 - Inclined Plane - Pyramid
REPOSITIONABLE AND PICK-UP MUA	MUA SCAN BODY
 page 72	 page 73



ANALOGS  
ABUTMENT LEVEL

EXACONNECT ANALOG	
	
page 64	
MUA ANALOG	MUA DIGITAL ANALOG
	
- straight - 15° angled	page 73





PROSTHETIC  
SCREWS

EXACONNECT CONNECTING SCREWS
 page 66
MUA CONNECTING SCREWS
 page 75 - low head - high head

COMPONENTS  
ABUTMENT LEVEL

EXACONNECT ABUTMENT
 pages 65, 66 - temporary - Ti-Base - burn-out for Ti-Base
MUA CYLINDERS
 pages 74, 75 - CAD-CAM - for bonding - for welding - high burn-out - standard burn-out

CAPS

Light	Mobile	Fixed	Weld
 - made of PEEK for removable and fixed prosthesis	 - made of PEEK for removable prosthesis	 - made of PEEK for fixed prosthesis	 - made of titanium for welding techniques



HOUSINGS

WITH INSERT
 page 87 - with soft white insert - with medium orange insert - with rigid violet insert

MICRO HOUSING

WITH MICRO O-RING
 page 88

O-RING REFILLS

O-RING	MICRO O-RING
	 page 88

INSERT REFILLS

 page 87 - soft white - medium orange - rigid violet
---

**Classix 4.1**

**Max Stability 4.5**

**Classix 4.8**

**Short 6.5**

SOFT TISSUE CONDITIONING – STERILE PRODUCTS

UNIVERSAL

HEALING CAPS



- Standard
- GH 1,5
  - GH 3
  - GH 5
  - GH 7



- Large
- GH 3
  - GH 5
  - GH 7

page 37

FOR SCREW-RETAINED PROsthESIS ONLY

EXACONNECT PLUS



page 63

- straight
- 7,5° angled
- 15° angled
- 25° angled

- GH: 1,5 - 3 - 5

MUA PLUS



page 71

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

- GH: 1,5 - 3 - 5

CEMENT-RETAINED PROsthESIS

TRANSFERS IMPLANT LEVEL

TRANSFERS



page 55

- Standard short
- Standard long
- Large

SCAN POST E SCAN BODY



page 56

- Inclined Plane
- Pyramid

ANALOGS IMPLANT LEVEL

ANALOG



page 55

- L 9 mm
- L 13 mm

DIGITAL ANALOG



page 57

SCREW-RETAINED PROsthESIS

ABUTMENTS

EXACONNECT



page 62

- straight
- 7,5° - 15° - 25° angled

- GH: 1,5 - 3 - 5

MUA



page 70

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

- GH: 1,5 - 3 - 5 - 7

EXACONNECT HEALING SCREW



page 64

MUA HEALING SCREWS



page 72

- Ø 4,5 mm
- Ø 5,0 mm

CONOMETRIC-RETAINED PROsthESIS

ABUTMENTS

MUA-CONIC



pages 78, 80

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

- GH: 1,5 - 3 - 5 - 7

ATTACHMENT-RETAINED PROsthESIS

ABUTMENTS

A TESTA SFERICA



page 86

- straight
- 15° angled

- GH: 1,5 - 3 - 5

HOUSINGS











WITH O-RING







page 88






## ABUTMENTS

TEMPORARY	BASIC	360° ANATOMICAL	MULTITECH	TI-BASE
 <p>page 48</p>	 <p>page 49</p>	 <p>page 51</p>	 <p>page 53</p>	 <p>page 54</p>
 <ul style="list-style-type: none"> <li>- straight</li> <li>- 15° angled</li> </ul>	 <ul style="list-style-type: none"> <li>- straight</li> <li>- 15° - 25° angled</li> </ul>	 <ul style="list-style-type: none"> <li>- straight</li> <li>- 15° - 25° angled</li> <li>- GH: 1 - 2 - 3 - 4</li> </ul>	 <ul style="list-style-type: none"> <li>- straight</li> <li>- 15° angled</li> </ul>	 <ul style="list-style-type: none"> <li>- straight</li> </ul>

## TRANSFER ABUTMENT LEVEL

REPOSITIONABLE AND PICK-UP EXACONNECT	LAB AND SCAN TI-BASE AND SCAN BODY
 <p>page 64</p>	 <p>page 65</p> <ul style="list-style-type: none"> <li>- Inclined Plane</li> <li>- Pyramid</li> </ul>
REPOSITIONABLE AND PICK-UP MUA	MUA SCAN BODY
 <p>page 72</p>	 <p>page 73</p>

## ANALOGS ABUTMENT LEVEL

EXACONNECT ANALOG	
	
page 64	
MUA ANALOG	MUA DIGITAL ANALOG
	
page 73	page 73
<ul style="list-style-type: none"><li>- straight</li><li>- 15° angled</li></ul>	





## PROSTHETIC SCREWS

EXACONNECT CONNECTING SCREWS
 <p>page 66</p>
MUA CONNECTING SCREWS
 <p>page 75</p> <ul style="list-style-type: none"> <li>- low head</li> <li>- high head</li> </ul>


## COMPONENTS ABUTMENT LEVEL

EXACONNECT ABUTMENT
 <p>pages 65, 66</p> <ul style="list-style-type: none"> <li>- temporaneo</li> <li>- Ti-Base</li> <li>- calcinabile per TiBase</li> </ul>
MUA CYLINDERS
 <p>pages 74, 75</p> <ul style="list-style-type: none"> <li>- CAD-CAM</li> <li>- for bonding</li> <li>- for welding</li> <li>- high burn-out</li> <li>- standard burn-out</li> </ul>

## CAPS

Light	Mobile	Fixed	Weld
 <p>- made of PEEK for removable and fixed prosthesis</p>	 <p>- made of PEEK for removable prosthesis</p>	 <p>- made of PEEK for fixed prosthesis</p>	 <p>pages 81, 82</p> <p>- made of titanium for welding techniques</p>



## HOUSINGS

WITH INSERT
 <p>page 87</p> <ul style="list-style-type: none"> <li>- with soft white insert</li> <li>- with medium orange insert</li> <li>- with rigid violet insert</li> </ul>

## MICRO HOUSING

WITH MICRO O-RING
 <p>page 88</p>

## O-RING REFILLS

O-RING	MICRO O-RING
	 <p>page 88</p>

## INSERT REFILLS

 <p>page 87</p> <ul style="list-style-type: none"> <li>- soft white</li> <li>- medium orange</li> <li>- rigid violet</li> </ul>
--