

**IMPLANT SYSTEM**

**XCN<sup>®</sup>**

ABUTMENTS FOR  
ATTACHMENT-RETAINED  
PROSTHESIS  
AND ACCESSORIES



## BALL HEAD ABUTMENTS

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### Ideal for

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- overdenture
- at least four supporting implants are required in the upper jaw
- at least two supporting implants are required in the lower jaw

### Features

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- made of medical grade 5 titanium
- ball-shaped top for the anchorage of a removable prosthesis with specific housings
- ball head  $\varnothing$  2,15 mm
- autoclavable

### Wear resistant

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The ball head of the abutments is titanium nitride (TiN) coated to increase its wear resistance.

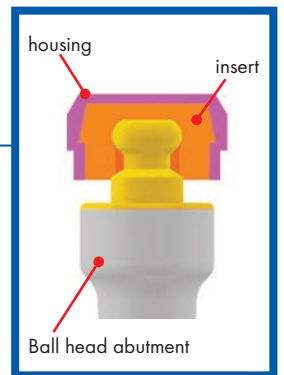
## Simple hygiene

The ball head without blind holes and cavities, thanks to the absence of an abutment screw, facilitates daily hygiene.



## Excellent prosthesis stability

The housing with insert has a large supporting surface on both the head and neck of the abutment, helping to prevent rocking of the overdenture.



## Easy parallelization

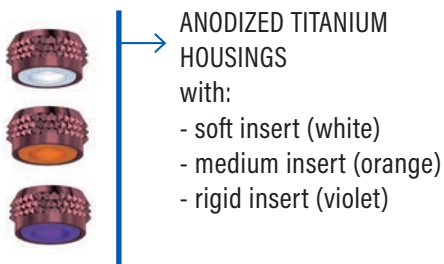
The Leone ball head abutments are available in straight and 15° angled version, with three different gingival heights.

The achievement of parallelism is also facilitated by the XCN® 360° connection of the angled abutments. The movable hexagon allows for 360° positioning on the dental cast and the permanent connection of the hexagon in the selected position guides the clinician in the accurate positioning in the mouth.

## Wide range of housings

According to the needs of the case it is possible to choose between different housing types:

- **pink anodized titanium housings** for better aesthetics inside the prosthesis with elastomer retention inserts in three rigidities: soft (white), medium (orange), rigid (violet)
- **titanium housings with O-ring**
- **titanium micro housings with micro O-ring**



Necessary instruments:


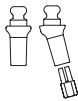
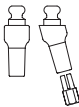
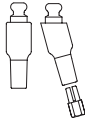
- selection of the most appropriate ball head abutment with the Abutment Gauges
- activation of the connection with the abutment seater with straight or offset titanium tip

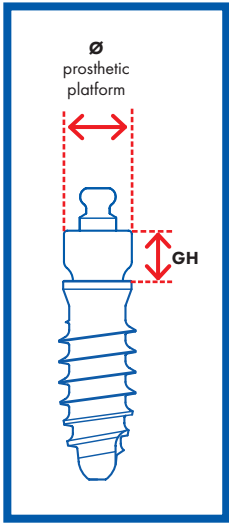
Pack content:

- 1 abutment
- 1 hexagon (for the angled abutments only)
- 1 housing with O-ring
- 1 housing with orange insert
- 2 spacer rings for abutments


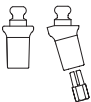
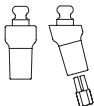
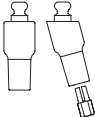


Ball head abutments

					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	
REF	straight	123-3300-01	123-3300-03	123-3300-05	
	15° angled	123-3315-01	123-3315-03	123-3315-05	



Ball head abutments

					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	
REF	straight	123-4100-01	123-4100-03	123-4100-05	
	15° angled	123-4115-01	123-4115-03	123-4115-05	

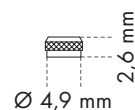


## HOUSING WITH **SOFT INSERT** white

- housing made of medical grade 5 titanium
- with pre-mounted soft white insert
- retention force 5 N
- cold sterilization

### Pack content:

- 2 housings with insert
- 2 spacer rings for abutments



REF **123-0004-05**

## SOFT INSERT white

- made of elastomeric material
- refill for housing with insert
- cold sterilization

### Pack of 6



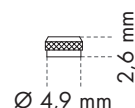
REF **123-0001-05**

## HOUSING WITH **MEDIUM INSERT** orange

- housing made of medical grade 5 titanium
- with pre-mounted medium orange insert
- retention force 10 N
- cold sterilization

### Pack content:

- 2 housings with insert
- 2 spacer rings for abutments



REF **123-0004-06**

## MEDIUM INSERT orange

- made of elastomeric material
- refill for housing with insert
- cold sterilization

### Pack of 6



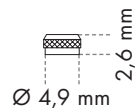
REF **123-0001-06**

## HOUSING WITH **RIGID INSERT** violet

- housing made of medical grade 5 titanium
- with pre-mounted rigid violet insert
- retention force 15 N
- cold sterilization

### Pack content:

- 2 housings with insert
- 2 spacer rings for abutments



REF **123-0004-07**

## RIGID INSERT violet

- made of elastomeric material
- refill for housing with insert
- cold sterilization

### Pack of 6



REF **123-0001-07**

## INSERT SEATING TOOL

- made of stainless steel
- used to place the insert inside its housing

**Pack of 1**



1:1

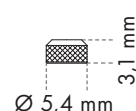
REF **156-1004-00**

## HOUSING WITH O-RING

- made of medical grade 5 titanium
- with pre-mounted O-ring
- retention force 10 N
- autoclavable

**Pack content:**

- 1 housing with O-ring
- 1 spacer ring for abutments



1:1

REF **123-0002-00**

## O-RING

- made of elastomeric material
- refill for housing with O-ring
- inner hole Ø 1,5 mm
- outside Ø 4,4 mm
- autoclavable

**Pack of 10**



2:1

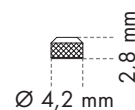
REF **123-0001-00**

## MICRO HOUSING WITH MICRO O-RING

- made of medical grade 5 titanium
- with pre-mounted micro O-ring
- retention force 10 N
- autoclavable

**Pack content:**

- 1 micro housing with micro O-ring
- 1 spacer ring for abutments (grey)
- 1 spacer ring for monoimplants (white)



1:1

REF **123-0003-00**

## MICRO O-RING

- made of elastomeric material
- refill for micro housing with micro O-ring
- inner hole Ø 1,5 mm
- outside Ø 3,6 mm
- autoclavable

**Pack of 10**



2:1

REF **123-0001-01**