

**XCN<sup>®</sup> IMPLANT SYSTEM**

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ABUTMENTS FOR  
ATTACHMENT-RETAINED  
PROSTHESIS  
AND ACCESSORIES

## BALL HEAD ABUTMENTS



### Ideal for

- overdentures

### Features

- 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

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

### Easy parallelization

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

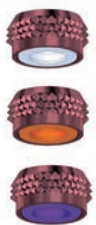
The achievement of parallelism is also facilitated by the XCN® 360° connection of the angled abutments.

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:

- **titanium housings with insert**, pink anodized for better aesthetics, choose between three types of rigidity: soft (white), medium (orange), rigid (violet)
- **titanium housings with O-ring**
- **titanium micro housings with micro O-ring**



ANODIZED TITANIUM  
HOUSINGS with:  
- soft insert (white)  
- medium insert (orange)  
- rigid insert (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





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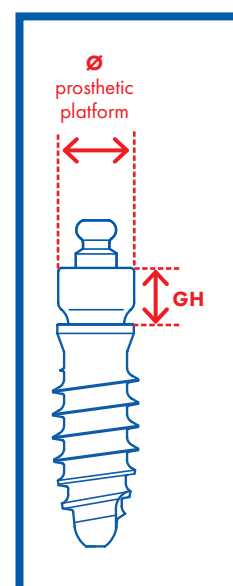
- 1 abutment
- 1 hexagon (for the angled abutments only)
- 1 housing with O-ring
- 1 housing with orange insert
- 2 spacer rings for abutments

## 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   | <b>123-3300-01</b>   | <b>123-3300-03</b>   | <b>123-3300-05</b>   |   |
|                            | 15° angled | <b>123-3315-01</b>   | <b>123-3315-03</b>   | <b>123-3315-05</b>   |   |

## 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   | <b>123-4100-01</b>  | <b>123-4100-03</b>  | <b>123-4100-05</b>  |  |
|                            | 15° angled | <b>123-4115-01</b>  | <b>123-4115-03</b>  | <b>123-4115-05</b>  |  |

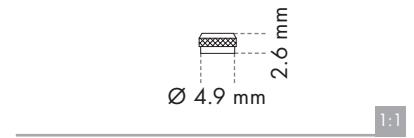


## HOUSING WITH **SOFT INSERT** white

- 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**



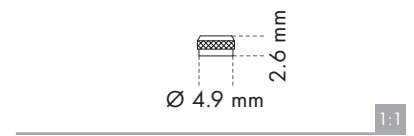
REF **123-0001-05**

## 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**



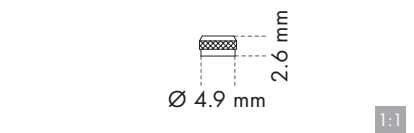
REF **123-0001-06**

## 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

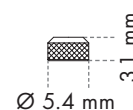
REF **156-1004-00**

## 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
- autoclavable

**Pack of 10**



2:1

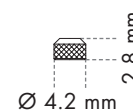
REF **123-0001-00**

## 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
- autoclavable

**Pack of 10**



2:1

REF **123-0001-01**