

# BIOTECH Modular Head System

Product Catalog



Biotech GmbH  
Hauptstraße 113.  
56598 Rheinbrohl Germany  
Tel : +49 2635 92221-0  
Email : office-de@biotech-medical.net  
www.biotech-medical.com



## BIOTECH

REF:  
VB-001-PROSP-PC\_ST-01-EN-00

Revision  
2  
Publication date :  
01.04.2022.

CE1011

# “Movement is Life”

## Biotech Modular Bipolar Head prosthesis

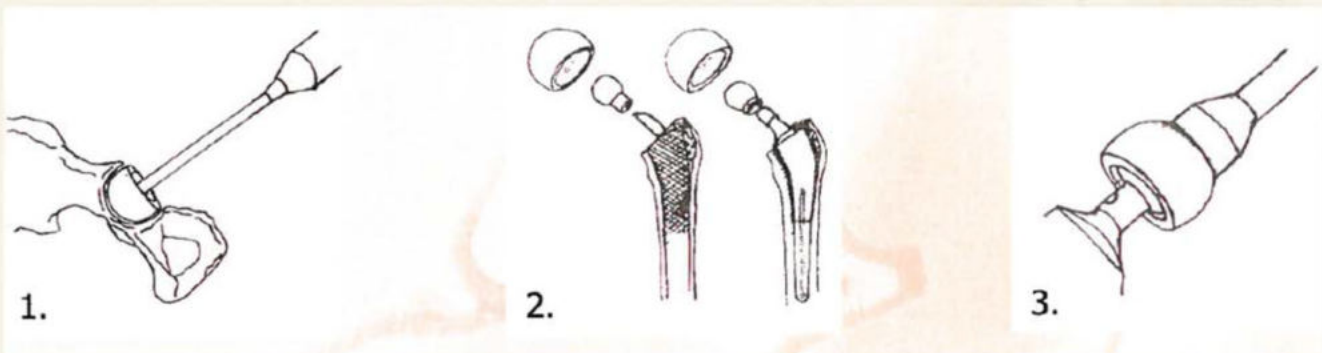
The **Bipolar Head** has been formed to enable the double fit in case of total primary hip arthroplasty. The wide range of sizes and the large contact surface provide the preservation of the acetabular cartilage. The head is compatible to all Biotech femoral stems.

### Trial of sizes

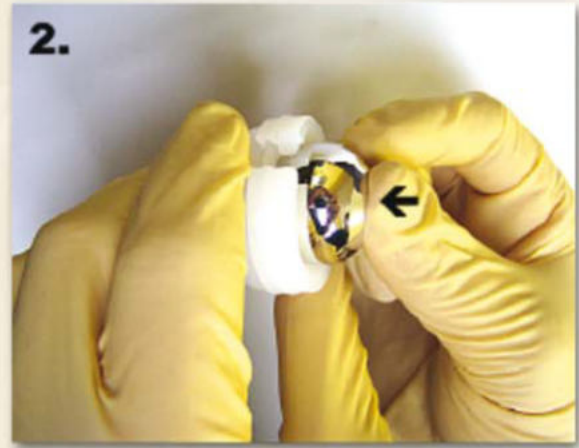
The surgeon has to use the Bipolar trial heads with their handle to specify the size of the acetabulum (1. picture). The Biotech modular stem rasp system also allows for the trial of the neck size once the rasping procedure has been completed. Simply remove the rasp handle and replace it by a trial head-neck component, inserting the Bipolar trial head into the acetabulum. The trial procedure can be done with the help of the femoral stem implant as well (2. picture).

### Insertion

It is recommended that the prosthesis taper is thoroughly cleared from any blood and/or debris before the final head is attached. Then the appropriate Bipolar head is placed on the clean and dried taper and lightly tapped with the head impactor. Finally, the hip joint is reduced and the usual closing procedure is made (3. picture).



**“Movement is Life”**



**“Movement is Life”**

## Implants

### Modular Bipolar Head

#### High Nitrogen Stainless Steel DIN ISO 5832-9

#### UHMWPE DIN ISO 5834-2

017-1600-4022 Modular Bipolar Head, D: 40 mm, Inner D: 22 mm  
017-1600-4222 Modular Bipolar Head, D: 42 mm, Inner D: 22 mm  
017-1600-4428 Modular Bipolar Head, D: 44 mm, Inner D: 28 mm  
017-1600-4628 Modular Bipolar Head, D: 46 mm, Inner D: 28 mm  
017-1600-4828 Modular Bipolar Head, D: 48 mm, Inner D: 28 mm  
017-1600-5028 Modular Bipolar Head, D: 50 mm, Inner D: 28 mm  
017-1600-5228 Modular Bipolar Head, D: 52 mm, Inner D: 28 mm  
017-1600-5428 Modular Bipolar Head, D: 54 mm, Inner D: 28 mm  
017-1600-5628 Modular Bipolar Head, D: 56 mm, Inner D: 28 mm  
017-1600-5828 Modular Bipolar Head, D: 58 mm, Inner D: 28 mm

### Modular-Head Ø22,2mm

#### CoCr DIN ISO 5832-4 (12/14)

016-1112-2200 M +0mm  
016-1113-2200 L +3,5mm

### Modular-Head Ø28mm

#### CoCr DIN ISO 5832-4 (12/14)

016-1111-2800 S -3,5mm  
016-1112-2800 M +0mm  
016-1113-2800 L +3,5mm  
016-1114-2800 XL +7mm  
016-1115-2800 XXL +10,5mm  
016-1116-2800 XXXL +13,5mm \*  
016-1117-2800 XXXXL +16,5mm \*

### Modular Ceramic Head Ø28mm

#### AL203 DIN ISO 6474 (12/14)

016-1311-2800 S -3,5mm  
016-1312-2800 M +0mm  
016-1313-2800 L +3,5mm

## Instruments:

721-0010-0001 Handle  
721-0009-0040 Trial Head 40 mm  
721-0009-0042 Trial Head 42 mm  
721-0009-0044 Trial Head 44 mm  
721-0009-0046 Trial Head 46 mm  
721-0009-0048 Trial Head 48 mm  
721-0009-0050 Trial Head 50 mm  
721-0009-0052 Trial Head 52 mm  
721-0009-0054 Trial Head 54 mm  
721-0009-0056 Trial Head 56 mm  
721-0009-0058 Trial Head 58 mm

