



permedica
ORTHOPAEDICS

BI-ARTICULAR HEADS *Modular*



**PRODUCT
INFORMATION**



0426

Product Information

permedica Modular Bi-Articular Heads consists in an external shell made of stainless steel alloy and a UHMWPE inner core. The articulation distributed upon a double surface (Articular head and bi-articular Cup) reduces friction against the acetabular cartilage. Positive eccentricity provides for automatic valgus positioning of the cup, reducing the risk of dislocation and improving the stress distribution over the acetabular cartilage.

Bi-Articular Head Modular

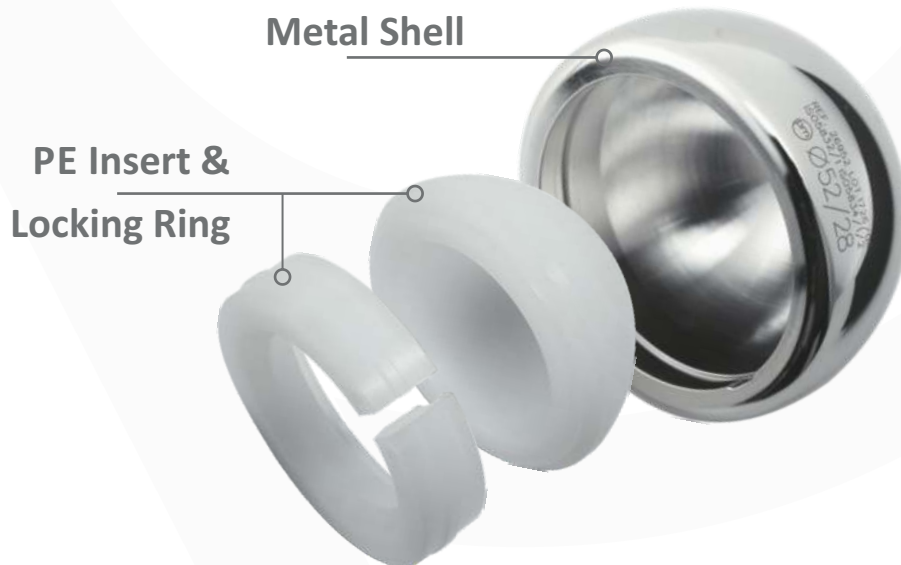
22 diameters
39 to 60mm

28mm socket

Metal shell and polyethylene core are supplied in two separated packaging.

The liner is provided with a special ring which allows retention of the articular head once inserted into the metal shell.

Modular cups are available in a range of sizes from 39 to 60mm, with millimetric increments, with inner socket matching 28 mm articular heads.



Modular Bi-Articular Head

The colour code refer to
Metal Shell / Insert coupling.



<i>Metal Shell</i>		<i>Insert</i>
<i>SIZE</i>	<i>PM734</i>	<i>UHMWPE</i>
<i>Ø</i>	<i>reference</i>	<i>reference</i>
39mm	25939	26971
40mm	25940	
41mm	25941	
42mm	25942	
43mm	25943	26972
44mm	25944	
45mm	25945	
46mm	25946	26973
47mm	25947	
48mm	25948	
49mm	25949	
50mm	25950	
51mm	25951	
52mm	25952	
53mm	25953	26974
54mm	25954	
55mm	25955	
56mm	25956	
57mm	25957	
58mm	25958	
59mm	25959	
60mm	25960	

Information

INTENDED PURPOSE:

The Modular Bi-Articular Head is intended to be used for the prosthetic replacement of the femoral head in hemi-arthroplasty applications, in combination with a femoral stem and an articular head. It is indicated in partial hip replacement procedures where the acetabular cartilage is not involved in arthrosic disease and therefore an hemi-arthroplasty has been chosen (usually in cases of femoral head fractures).

MATERIALS:

METAL SHELL: PM734 highly nitrogenized Stainless Steel forged alloy- ISO5832/9.

INSERT: Ultra High Molecular Weight Polyethylene, without calcium stearate- ISO5834/1/2.

STERILIZATION:

Method: Ethylene Oxide (EtO) or irradiation (Beta/Gamma rays - minimum dose 25 kGy) or Vaporized Hydrogen Peroxide (VH2O2).

Validity: 5 years (Beta sterilized products)- 10 years (EtO/Gamma/VH2O2 sterilized products).

CLASSIFICATION: Class III as reported in Directive 2005/50/CE (and related D.lgs 26 april 2007 n.65) concerning re-classification of Hip, Knee and Shoulder joint prostheses which modifies classification criteria of Annex IX of Directive 93/42/CEE and next integrations and amendments.



permedica
ORTHOPAEDICS

*CHALLENGING EXCELLENCE
IN TECHNOLOGY*

www.permedica.it