



BI-POLAR HEADS

Monobloc / Modular



0426



permedica
ORTHOPAEDICS

Product Information

permedica Bi-Articular Cups consists in an external shell made of stainless steel alloy and a UHMWPE inner core. They are available both in Monobloc and in Modular version.

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

Monobloc



19 diameters

42 to 60mm

28mm socket

Metal shell and polyethylene core are supplied pre-assembled.

The cup is provided with a special locking ring which allows engaging of the articular head by means of a snap-on system.

Monobloc cups are available in a range of sizes from 42 to 60mm, with millimetric increments, with inner socket matching 28mm articular heads.

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.



Bi-Articular Cup - Monobloc



Interno Ø 28mm	
SIZE	Reference
Ø	
42mm	26742
43mm	26743
44mm	26744
45mm	26745
46mm	26746
47mm	26747
48mm	26748
49mm	26749
50mm	26750
51mm	26751
52mm	26752
53mm	26753
54mm	26754
55mm	26755
56mm	26756
57mm	26757
58mm	26758
59mm	26759
60mm	26760

Bi-Articular Cup - Modular

Colour coding refers to the coupling between Metal Shell and Insert.



SIZE	Metal Shell		PE Insert
	AISI 316	PM734	
Ø	Reference	Reference	Reference
39mm	26939*	25939	
40mm	26940*	25940	26971
41mm	26941*	25941	
42mm	26942*	25942	
43mm	26943*	25943	
44mm	26944*	25944	26972
45mm	26945*	25945	
46mm	26946*	25946	
47mm	26947*	25947	
48mm	26948*	25948	26973
49mm	26949*	25949	
50mm	26950*	25950	
51mm	26951*	25951	
52mm	26952*	25952	
53mm	26953*	25953	
54mm	26954*	25954	
55mm	26955*	25955	
56mm	26956*	25956	26974
57mm	26957*	25957	
58mm	26958*	25958	
59mm	26959*	25959	
60mm	26960*	25960	

Information

INTENDED PURPOSE:

Bi-Articular cup 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- MONOBLOC: PM734 highly nitrogenized Stainless Steel forged alloy - ISO5832/9.

METAL SHELL- MODULAR: AISI316 stainless steel alloy - ISO5832/1.

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) sterilization or accelerated electron beam irradiation (β rays nominal dose 25 kGy)

Validity: 5 years.

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.



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