



JUMP[®] System 3

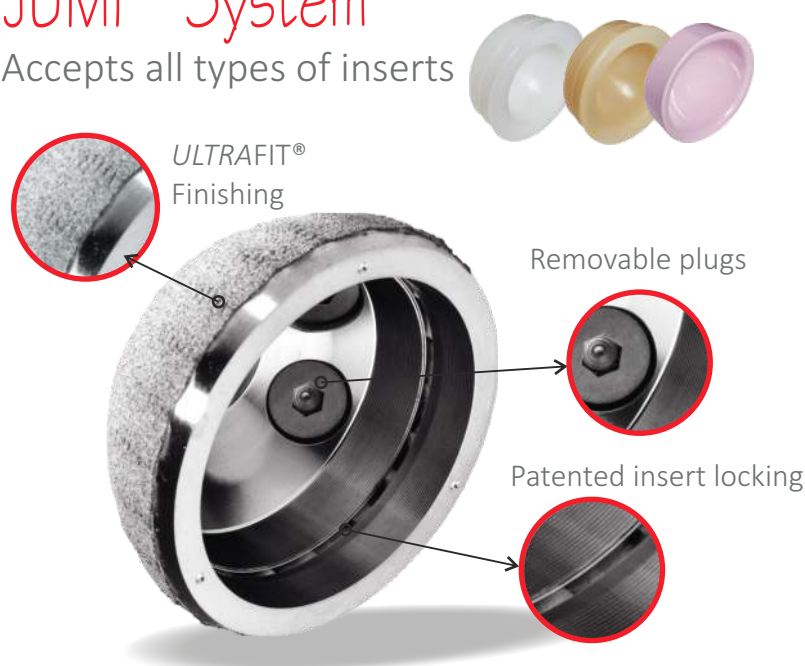
Press-Fit Acetabular Cup



permedica
ORTHOPAEDICS

JUMP[®] System

Accepts all types of inserts



15 Implant sizes

Hemispherical geometry with polar deflection. ULTRAFIT[®] finishing along the equatorial rim to maximize press-fit insertion.

Surface coated with bio-active materials as pure Titanium and Hydroxyapatite to enhance primary stability and promote biological integration.

BIOLOX[®] ceramic inserts locks into the cup thanks to the taper connection. UHMWPE and VITAL-XE inserts, more than the taper connection, locks into the cup thanks to a patented locking system which ensures retention and rotational stability.

Screw holes are sealed by apposite plugs that can be removed in case additional screw fixation is required.



Dual Mobility option

JUMP[®] SYSTEM Dual Mobility insert represents an effective solution for those cases where a high possibility of dislocation can be expected (patients with poor muscle tone or neuromotor control).

Metal insert fitting into the cup and accepts ACORN Dual Mobility UHMWPE or VITAL-E articular inserts.

JUMP[®] System PE

Accepts only

UHMWPE and VITAL-XE inserts



4 Implant sizes

The JUMP System PE option has been realized to allow use of large heads even in small size cups.

Cup size	Insert Socket
Ø 48-50mm	Ø 36mm
Ø 52-54mm	Ø 36-40mm

It is available in 4 sizes (48-50-52-54) with metal-back of reduced thickness and only works with Polyethylene inserts (UHMWPE and VITAL-XE).

Screw holes are open and cannot be sealed.

JUMP® System Cementless Press-Fit Cups

Class III

Accepting all types of inserts



	Standard	X-Pore	HA	HaX-Pore
Size	Reference	Reference	Reference	Reference
42	35142*	35242*	35442*	35342*
44	35145	35244	35444	35345
46	35147	35246	35446	35347
48	35149	35248	35448	35349
50	35150	35250	35450	35350
52	35153	35252	35452	35353
54	35155	35254	35454	35355
56	35156	35256	35456	35356
58	35158	35258	35458	35358
60	35160	35260	35460	35360
62	35162	35262	35462	35362
64	35164	35264	35464	35364
66	35166*	35266*	35466*	35366*
68	35168*	35268*	35468*	35368*
70	35170*	35270*	35470*	35370*

JUMP® System PE Cementless Press-Fit Cups

Class III

Accepting PE and VITAL-XE inserts only



WITH HOLES

	Standard	X-Pore	HA	HaX-Pore
Size	Reference	Reference	Reference	Reference
48	35791*	35991*	35491*	35881
50	35792*	35992*	35492*	35883
52	35793*	35993*	35493*	35882*
54	35794*	35994*	35494*	35884*

JUMP SYSTEM Dual Mobility Option

Class III

BIOLOY®



Cup size	Color code	BIOLOY® PM734 Reference	BIOLOY® CrCo Reference
44-46	BLACK	36215	36205
48-50	YELLOW	36211	36201
52-54	GREY	36212	36202
56-60	BLUE	36213	36203
62+	RED	36214	36204

Ø inner	Ø outer	colour code	UHMWPE reference	VITAL-E® reference
22mm	36mm	BLACK	38844	38844E
28mm	38mm	YELLOW	38846	38846E
	40mm	GREY	38848	38848E
	44mm	BLUE	38852	38852E
	46mm	RED	38854	38854E

Accessories

Class IIb

Polar Plug



Reference
35103

Fixation Screws Ø 6,5 mm



Length	Reference
20mm	36720
25mm	36725
30mm	36730
35mm	36735
40mm	36740
45mm	36745
50mm	36750
60mm	36760

JUMP SYSTEM Articular Inserts

Class III

ATTENTION:
The COLOUR CODING refers
to CUP / INSERT coupling.



Neutral
0°



Hooded
10°



Hooded
20°

Ø Socket	UHMWPE			VITAL-XE®			BIOLOX® Delta
	Reference	Reference	Reference	Reference	Reference	Reference	Reference
22mm	36303*		36304*				
28mm	36301 36305 36311 36321 36307 36309	36363 36364 36365 36374 36366 36367	36302 36306 36312 36323 36308 36310	36301XE 36305XE 36311XE 36321XE 36307XE 36309XE	36363XE 36364XE 36365XE 36374XE 36366XE 36367XE	36302XE 36306XE 36312XE 36323XE 36308XE 36310XE	36007*
32mm	36313 36319 36340 36315 36317	36368 36369 36376 36370 36371	36314 36320 36342 36316 36318	36313XE 36319XE 36340XE 36315XE 36317XE	36368XE 36369XE 36376XE 36370XE 36371XE	36314XE 36320XE 36342XE 36316XE 36318XE	36011 36016 36015 36017 36018
36mm	36343 36325 36327	36378 36329 36330	36345 36326 36328	36380XE 36343XE 36325XE 36327XE	36382XE 36378XE 36329XE 36330XE	36381XE 36345XE 36326XE 36328XE	36022 36025 36026
40mm	36346 36348		36347 36349	36346XE 36348XE		36347XE 36349XE	36041 36042

Information

INTENDED PURPOSE:

JUMP® System is an acetabular component for cementless applications to be used in Total Hip Replacement procedures in combination with an articular liner, a femoral ball-head and a femoral stem. Indicated in primary and revision hip arthroplasties, all cases of coxarthrosis where the bony tissue is suitable enough to guarantee a correct and stable primary mechanical press-fit fixation.

Anchorage of the device to the bone is achieved by press-fit insertion. Whenever necessary, fixation can be improved by using cancellous bone screws inserted into the dedicated holes.

STERILIZATION:

Method: Ethylene Oxide (ETO) or accelerated electron beam irradiation (β rays - nominal dose 25 kGy), in vacuum.

Validity: 5 years.

CLASSIFICATION:

Class III or IIb 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 amendements.

Materials

CUPS, SCREWS, PLUGS:

Titanium Aluminium Vanadium Ti₆Al₄V Alloy - ISO5832/3.

INSERTS:

UHMWPE: Ultra High Molecular Weight Polyethylene without Calcium Stearate - ISO5834/1/2.

VITAL-XE: cross-linked UHMWPE added with Vitamin E - ISO5834/1/2.

CERAMIC: BIOLOX® Delta mix of Alumina and Zirconia Oxide (Al₂O₃ + ZrO₂) - ISO6474.

Metal Dual Mobility:

- PM734 highly nitrogenized Stainless Steel forged alloy ISO5832/9

- CrCoMo forged alloy ISO5832/12

SURFACE FINISHING:

HaX-Pore: 500µm pure Titanium + 40µm Hydroxyapatite Ca₁₀(OH)₂(PO₄)₆ applied with plasma spray technique.

X-Pore: 500µm pure Titanium applied with plasma spray technique.

HA: 80µm Hydroxyapatite Ca₁₀(OH)₂(PO₄)₆ applied with plasma spray technique.

Standard: microstructured sandblasted surface (ra ± 4-6µm).

BIOLOY®: TiNbN coating (Dual Mobility inserts).