



JUMP[®] System **3**

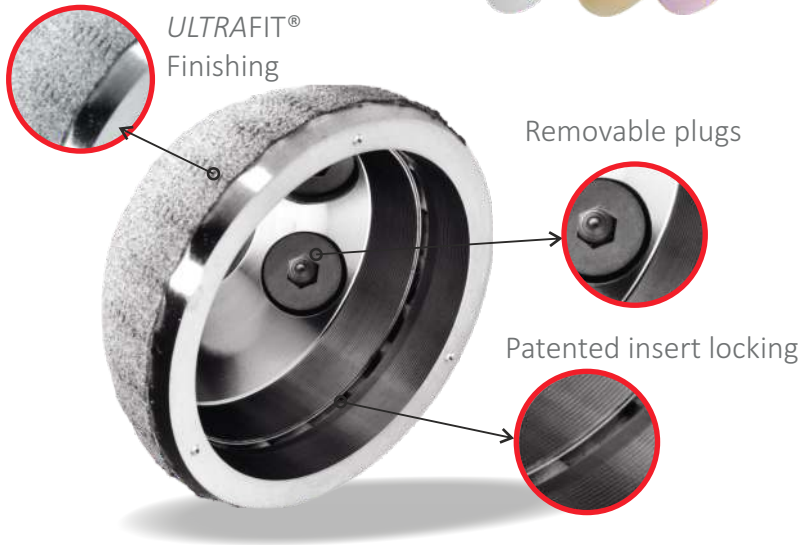
Press-Fit Acetabular Cup



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-XE 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. A BLIND version is also available.

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*

* References with asterisk are available ON REQUEST

JUMP® System PE Cementless Press-Fit Cups

Class III

Accepting PE and VITAL-XE inserts only



WITH HOLES



BLIND

	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
48	35781*	35981*	35481*	35681*
50	35782*	35982*	35482*	35682*
52	35783*	35983*	35483*	35683*
54	35784*	35984*	35484*	35684*

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 coding	UHMWPE reference	VITAL-XE® reference	
28 mm	22mm	36mm	BLACK	38844	38844XE
		38mm	YELLOW	38846	38846XE
		40mm	GREY	38848	38848XE
		44mm	BLUE	38852	38852XE
		46mm	RED	38854	38854XE

JUMP® System Articular Inserts

Class III

	UHMWPE		VITAL-XE®		BILOX® Delta
	0°	20°	0°	20°	0°
Socket	Reference	Reference	Reference	Reference	Reference
22mm	36303*	36304*			
28mm	36301	36302	36301XE	36302XE	36007*
	36305	36306	36305XE	36306XE	
	36311	36312	36311XE	36312XE	
	36321	36323	36321XE	36323XE	
	36307	36308	36307XE	36308XE	
	36309	36310	36309XE	36310XE	
32mm	36313	36314	36313XE	36314XE	36011
	36319	36320	36319XE	36320XE	36016
	36340	36342	36340XE	36342XE	36015
	36315	36316	36315XE	36316XE	36017
	36317	36318	36317XE	36318XE	36018
36mm	36343	36345	36343XE	36345XE	36022
	36325	36326	36325XE	36326XE	36025
	36327	36328	36327XE	36328XE	36026
40mm	36346	36347	36346XE	36347XE	36041
	36348	36349	36348XE	36349XE	36042

Accessories

Class IIb

Polar Plug	
	Reference Polar Plug M10 35103
Fixation Screws Ø 6,5mm	
Length	Reference
20mm	36720
25mm	36725
30mm	36730
35mm	36735
40mm	36740
45mm	36745
50mm	36750
60mm	36760

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

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: **BILOX® 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).

BILOX®: TiNbN coating (Dual Mobility inserts).