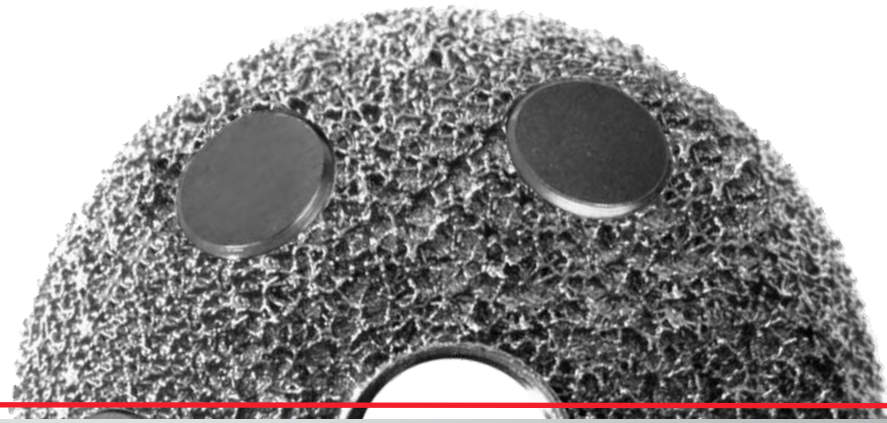
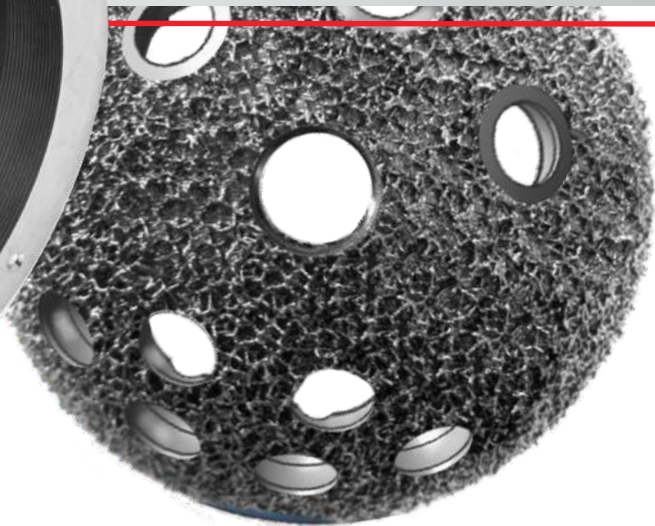




JUMP[®] System
TRASER[®]
Trabecular Titanium Cup



CE
0426



permedica
ORTHOPAEDICS



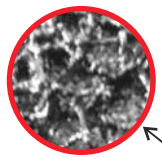
TRASER® Random Trabecular Laser Technology

JUMP® SYSTEM TRASER® cup is obtained through Selective Laser Melting additive manufacturing process, which allows to obtain solid objects from 3D-CAD digital models by adding the raw material (Ti6Al4V powder) layer over layer up to completion of the object.

The randomized size and geometrical shape of the Titanium trabecular surface provides optimal structure for bone ingrowth and secondary biological fixation of the implant.

JUMP® System TRASER®

Accepts all types of inserts

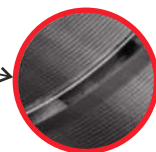


TRASER®
trabecular structure

Removable plugs



Patented insert locking



14 Implant sizes

Hemispherical geometry with polar deflection. TRASER® random trabecular structure to ensure strong grip for primary fixation by press-fit insertion and favouring bone ingrowth.

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 TRASER® Revision

Accepts only PE
and VITAL-XE inserts



17 Implant sizes

TRASER® Revision version has a multi-hole configuration to allow fixation screws placement in a wider area and a range of sizes making it suitable for revision cases.

JUMP® System TRASER® Cementless Cups

Class III

TRASER®

Accepting all types of inserts



TRASER® REVISION

Accepting PE and VITAL-XE inserts



TRASER®

Size	Reference
44	39344
46	39346

48	39348
50	39350
52	39352
54	39354
56	39356
58	39358
60	39360
62	39362
64	39364
66	39366
68	39368
70	39370

Special sizes on request

TRASER® REVISION

Size	Reference
-	-

48	39448
50	39450
52	39452
54	39454
56	39456
58	39458
60	39460
62	39462
64	39464
66	39466
68	39468
70	39470
72	39472
74	39474
76	39476
78	39478
80	39480

Accessories

Class IIb

Sealing Plugs



Polar Plug M10

Reference
35103

Fixation Screws Ø 6,5mm



Length	FLAT Head 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.

UHMWPE



0° 10° 20°

Ø Socket	Reference	Reference	Reference
28mm	36301	36363	36302
	36305	36364	36306
	36311	36365	36312
	36307	36366	36308
	36309	36367	36310

VITAL-XE®



0° 10° 20°

Reference	Reference	Reference
36301XE	36363XE	36302XE
36305XE	36364XE	36306XE
36311XE	36365XE	36312XE
36307XE	36366XE	36308XE
36309XE	36367XE	36310XE

BIOLOX® Delta



0°

Reference

Neutral
0°Hooded
10°Hooded
20°

32mm	36313	36368	36314
	36319	36369	36320
	36315	36370	36316
	36317	36371	36318

36313XE	36368XE	36314XE
36319XE	36369XE	36320XE
36315XE	36370XE	36316XE
36317XE	36371XE	36318XE

36011
36016
36015
36017
36018

36mm	36325	36329	36326
	36327	36330	36328

36380XE	36382XE	36381XE
6325XE	36329XE	36326XE
36327XE	36330XE	36328XE

36022
36025
36026

40mm	36346	36347
	36348	36349

36346XE	36347XE
36348XE	36349XE

36041
36042

JUMP System Dual Mobility option

Class III



		BIOLOY® PM734	BIOLOY® CrCo
Cup size	Color code	Reference	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

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

Information

INTENDED PURPOSE:

JUMP® System TRASER® 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 Oxyde (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:

TRASER®: Randomized trabecular metal structure with average pores SIZE of 650µm.

BIOLOY®: TiNbn coating (Dual Mobility inserts)