



BI-MENTUM™

DUAL MOBILITY SYSTEM

Product Catalogue

Introduction

Cups



Press-Fit Cup

Stainless steel cup with a plasma-sprayed titanium (150 +/- 30µm) and hydroxyapatite (70 +/-20µm) coating.



Plus Cup

A 3-point anchoring system includes a flange bent over the acetabulum rim and fixed with a cortical screw and 2 impacted anchoring pegs in the base of the acetabulum used for additional fixation



Revision Cup

An obturator hook, 2 Flanges bent over the acetabulum rim and fixed with 4 cortical screws and 2 impacted anchoring pegs in the base of the acetabulum used for additional fixation



Cemented Cup

Radial and annular grooves to enhance cemented fixation. Cemented cup can be used alone or in combination with the reinforcement plate.



Cage

Reinforcement Plates

Designed in left & right side options with a cruciform shape with an obturator hook and ischial flange to be fixed with 4 cortical screws

Fixation

Anchoring Pegs



Alumina coated pegs are impacted into the ischium and the pubic bone to be used in combination with cortical screws to gain tripod fixation. The Plus & Revision cups have 2 pegs pre packed (8 mm x 14 mm)



Cortical Screws

For fixation of flanges to acetabulum rim in the Plus cups, Revision cups and Reinforcement Plates

Obturator Hook

For anatomical re-centering and provided additional mechanical support in the Revision cup



Head options

Metal heads 22.225 mm & 28 mm
Ceramic heads 28 mm

Cups





BI-MENTUM™ Cups


Cup Size (mm)	PRESSFIT	PLUS	REVISION	CEMENTED
41 mm		DS5050041		
43 mm	DS45320043	DS5050043	DS45360043	DS4901043
45 mm	DS45320045	DS5050045	DS45360045	DS4901045
47 mm	DS45320047	DS5050047	DS45360047	DS4901047
49 mm	DS45320049	DS5050049	DS45360049	DS4901049
51 mm	DS45320051	DS5050051	DS45360051	DS4901051
53 mm	DS45320053	DS5050053	DS45360053	DS4901053
55 mm	DS45320055	DS5050055	DS45360055	DS4901055
57 mm	DS45320057	DS5050057	DS45360057	DS4901057
59 mm	DS45320059	DS5050059	DS45360059	DS4901059
61 mm	DS45320061	DS5050061	DS45360061	DS4901061
63 mm	DS45320063	DS5050063	DS45360063	DS4901063
65 mm	DS45320065	DS5050065	DS45360065	
67 mm	DS45320067	DS5050067	DS45360067	
69 mm	DS45320069	DS5050069	DS45360069	
Trial cups	DS800XX (XX = Cup size)			
Cup holder adapter	DS700XX (XX = Cup size)			



BI-MENTUM Reinforcement Plates

Plate Size (mm)	Right Sided	Left Sided
50 mm x 43 mm	DS30005043	DS40005043
52 mm x 45 mm	DS30005245	DS40005245
54 mm x 47 mm	DS30005447	DS40005447
56 mm x 49 mm	DS30005649	DS40005649
58 mm x 51 mm	DS30005851	DS40005851
60 mm x 53 mm	DS30006053	DS40006053
Trial plate	DS200XXXX (XXXX = Reinforcement plate size) NOTE Trials are neutral. (Not Right or Left sided)	

Quick Reference

Press-Fit Cup			43	45	47	49	51	53	55	57	59	61	63	65	67	69
Plus Cup		41	43	45	47	49	51	53	55	57	59	61	63	65	67	69
Revision Cup			43	45	47	49	51	53	55	57	59	61	63	65	67	69
Cemented Cup			43	45	47	49	51	53	55	57	59	61	63			

Reinforcement Plates							50	52	54	56	58	60					LEFT
							50	52	54	56	58	60					RIGHT

Liner 22.2		41	43	45	47	49	51	53	55	57	59	61	63	65	67	69
Liner 28					47	49	51	53	55	57	59	61	63	65	67	69

Polyethylene Liners

BI-MENTUM Liners

Cup Size (mm)	Liner for 22.2 mm	Liner for 28 mm
41 mm	DS10004122	
43 mm	DS10004322	
45 mm	DS10004522	
47 mm	DS10004722	DS10004728
49 mm	DS10004922	DS10004928
51 mm	DS10005122	DS10005128
53 mm	DS10005322	DS10005328
55 mm	DS10005522	DS10005528
57 mm	DS10005722	DS10005728
59 mm	DS10005922	DS10005928
61 mm	DS10006122	DS10006128
63 mm	DS10006322	DS10006328
65 mm	DS10006522	DS10006528
67 mm	DS10006722	DS10006728
69 mm	DS10006922	DS10006928
Trial liners	DS900XXXX (XXXX = Liner size up to 45 mm) DS9002222 (Trial liner adaptor) + DS900XX28 (XX -liner size, 47 mm to 69 mm)	DS900XXXX (XXXX = Liner size)

22.2 mm head
PE Liner



28 mm head
PE Liner



Heads

Metal Heads		ARTICUL/EZE™ 12/14 Metal Heads	
Head Size (mm)	22.225 mm	28 mm	
Neck Length +1.5		1365-11-500	
Trial Head		2530-81-000	
Neck Length +4	1365-29-000		
Trial Head	2530-69-000		
Neck Length +5		1365-12-500	
Trial Head		2530-82-000	
Neck Length +7	1365-30-000		
Trial Head	2530-70-000		
Neck Length +8.5		1365-13-500	
Trial Head		2530-83-000	

BIOLOX® <i>delta</i>	
Head Size (mm)	28 mm
Neck Length +1.5	1365-28-310
Trial Head	2530-81-000
Neck Length +3	
Trial Head	
Neck Length +5	1365-28-320
Trial Head	2530-82-000
Neck Length +6	
Trial Head	
Neck Length +8.5	1365-28-330
Trial Head	2530-83-000

BIOLOX® <i>delta</i> TS Heads	
Head Size (mm)	28 mm
Neck Length +1.5	1365-28-710
Trial Head	2530-81-000
Neck Length +5	1365-28-720
Trial Head	2530-82-000
Neck Length +8.5	1365-28-730
Trial Head	2530-83-000

Standard Metal Heads

Head Size (mm)	28 mm
Neck Length +12	1365-14-000*
Trial Head	2530-84-000

* skirted



Screws

BI-MENTUM Bone Screws

Length (mm)	
5.0 mm x 20 mm	DS50000520
5.0 mm x 25 mm	DS50000525
5.0 mm x 30 mm	DS50000530
5.0 mm x 35 mm	DS50000535
5.0 mm x 40 mm	DS50000540
5.0 mm x 45 mm	DS50000545
5.0 mm x 50 mm	DS50000550
5.0 mm x 55 mm	DS50000555
5.0 mm x 60 mm	DS50000560
5.0 mm x 60 mm	DS50000565
5.0 mm x 70 mm	DS50000570



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Johnson & Johnson Medical Limited. Baird House, 4 Lower Gilmore Bank, Edinburgh, EH3 9QP, United Kingdom.
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Distributed by:

DePuy Orthopaedics, Inc.
700 Orthopaedic Drive
Warsaw, IN 46582
USA
Tel: +1 (800) 366 8143
Fax: +1 (800) 669 2530

DePuy (Ireland)
Loughbeg
Ringaskiddy
Co. Cork
Ireland
Tel: +353 21 4914 000
Fax: +353 21 4914 199



Manufactured by:

serf
85 avenue des Bruyères
69150 Décines
Charpieu
France
Tel: +33 (0)472 05 60 10
Fax: +33 (0)472 02 19 18



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