



**BI-MENTUM™**

DUAL MOBILITY SYSTEM

Product Catalog

# 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. Stainless Steel Cup.



### Revision Cup

An obturator hook, 2 flanges bent over the acetabulum rim and fixed with 1 to 4 cortical screws and 2 impacted anchoring pegs in the base of the acetabulum used for additional fixation. Stainless steel cup.



### Cemented Cup

Radial and annular grooves to enhance cemented fixation. Stainless steel cup.

## Fixation



### Anchoring pegs

Stainless Steel pegs are impacted into the ischium and the pubic bone to be used in combination with cortical screws to gain tripod fixation. The Plus and 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. Stainless steel.



### Obturator Hook

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



### Head options







Metal heads 22.225 mm and 28 mm  
Ceramic heads 28 mm

# Cups

## BI-MENTUM™ Cups

Cup Size (mm)	PRESSFIT	PLUS	REVISION	CEMENTED
41 mm		DS5050141		
43 mm	DS45320143	DS5050143	DS45360143	DS4901143
45 mm	DS45320145	DS5050145	DS45360145	DS4901145
47 mm	DS45320147	DS5050147	DS45360147	DS4901147
49 mm	DS45320149	DS5050149	DS45360149	DS4901149
51 mm	DS45320151	DS5050151	DS45360151	DS4901151
53 mm	DS45320153	DS5050153	DS45360153	DS4901153
55 mm	DS45320155	DS5050155	DS45360155	DS4901155
57 mm	DS45320157	DS5050157	DS45360157	DS4901157
59 mm	DS45320159	DS5050159	DS45360159	DS4901159
61 mm	DS45320161	DS5050161	DS45360161	DS4901161
63 mm	DS45320163	DS5050163	DS45360163	DS4901163
65 mm	DS45320165	DS5050165	DS45360165	
67 mm	DS45320167	DS5050167	DS45360167	
69 mm	DS45320169	DS5050169	DS45360169	
Trial cups	DS800XX (XX = Liner size)			
Cup holder adapter	DS700XX (XX = Liner size)			

# 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			
Liner 22.225 mm		41	43	45	47	49	51	53	55	57	59	61	63	65	67	69
Liner 28 mm					47	49	51	53	55	57	59	61	63	65	67	69

# Polyethylene Liners

## BI-MENTUM Liners

Cup Size (mm)	Liner for 22.225 mm	Liner for 28 mm
41 mm	DS10014122	
43 mm	DS10014322	
45 mm	DS10014522	
47 mm	DS10014722	DS10014728
49 mm	DS10014922	DS10014928
51 mm	DS10015122	DS10015128
53 mm	DS10015322	DS10015328
55 mm	DS10015522	DS10015528
57 mm	DS10015722	DS10015728
59 mm	DS10015922	DS10015928
61 mm	DS10016122	DS10016128
63 mm	DS10016322	DS10016328
65 mm	DS10016522	DS10016528
67 mm	DS10016722	DS10016728
69 mm	DS10016922	DS10016928
Trial liners	DS90022XX (XX = Head & Liner size up to 45 mm) with DS9002222 (Trial liner adaptor) + DS90028XX (XX = Liner size, 47 mm to 69 mm)	DS90028XX (XXXX = Head & Liner size)

22.225 mm head  
PE Liner



28 mm head  
PE Liner



# Heads



## Standard ARTICUL/EZE® 12/14 Metal Heads

Head Size (mm)	22.225 mm	28 mm
Neck Length +1.5		1365-11-000
Trial Head		2530-81-000
Neck Length +4	1365-29-000	
Trial Head	2530-69-000	
Neck Length +5		1365-12-000
Trial Head		2530-82-000
Neck Length +7	1365-30-000	
Trial Head	2530-70-000	
Neck Length +8.5		1365-13-000
Trial Head		2530-83-000
Neck Length +12		1365-14-000*
Trial Head		2530-84-000*

## M Spec ARTICUL/EZE® 12/14 Metal Heads

Head Size (mm)	28 mm
Neck Length +1.5	1365-11-500
Trial Head	2530-81-000
Neck Length +5	1365-12-500
Trial Head	2530-82-000
Neck Length +8.5	1365-13-500
Trial Head	2530-83-000

\* skirted

# Heads

# Screws



**BIOLOX® delta Heads**

Head Size (mm)	28 mm
Neck Length +1.5	1365-28-310
Trial Head	2530-81-000
Neck Length +5	1365-28-320
Trial Head	2530-82-000
Neck Length +8.5	1365-28-330
Trial Head	2530-83-000



**BIOLOX® delta 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



**BI-MENTUM Bone Screws**

Length (mm)	Product Code
5.0 mm x 20 mm	DS50001520
5.0 mm x 25 mm	DS50001525
5.0 mm x 30 mm	DS50001530
5.0 mm x 35 mm	DS50001535
5.0 mm x 40 mm	DS50001540
5.0 mm x 45 mm	DS50001545
5.0 mm x 50 mm	DS50001550
5.0 mm x 55 mm	DS50001555
5.0 mm x 60 mm	DS50001560
5.0 mm x 60 mm	DS50001565
5.0 mm x 70 mm	DS50001570

**Warning:** not compatible

**BIOLOX® delta TS  
ceramic revision 12/14 taper**

Head Size (mm)	28 mm
Neck Length +12	1365-28-740

BIOLOX® is a registered trademark of CeramTec GmbH

The third-party trademarks used herein are the trademarks of their respective owners.



Johnson & Johnson Medical Limited. Baird House, 4 Lower Gilmore Bank, Edinburgh, EH3 9QP, United Kingdom.  
Incorporated and registered in Scotland under company number SC132162.

*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:*

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

[depuysynthes.com](http://depuysynthes.com)