BIOLOX® HIP PRODUCT PORTFOLIO
BIOLOX® Ball Head Portfolio

BIOLOX® forte

<table>
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<tr>
<th>Size</th>
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<th>32</th>
<th>36</th>
<th>40</th>
<th>44</th>
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<tr>
<td>12/14 S</td>
<td><img src="image1" alt="Ball Head" /></td>
<td><img src="image2" alt="Ball Head" /></td>
<td><img src="image3" alt="Ball Head" /></td>
<td><img src="image4" alt="Ball Head" /></td>
<td><img src="image5" alt="Ball Head" /></td>
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<tr>
<td>12/14 M</td>
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<td><img src="image7" alt="Ball Head" /></td>
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<td><img src="image9" alt="Ball Head" /></td>
<td><img src="image10" alt="Ball Head" /></td>
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<tr>
<td>12/14 L</td>
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<td><img src="image12" alt="Ball Head" /></td>
<td><img src="image13" alt="Ball Head" /></td>
<td><img src="image14" alt="Ball Head" /></td>
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BIOLOX® Ball Head Portfolio

BIOLOX® delta

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</thead>
</table>
BIOLOX®delta Insert Portfolio

BIOLOX®delta Inserts XLWzero

28/36  28/38  28/40
30/38  30/40
32/40  32/42  32/44
34/42  34/44
36/44  36/46  36/48  36/50  36/52  36/54
38/46  38/48
40/48  40/50  40/52  40/54
BIOLOX® delta Insert Portfolio
BIOLOX® delta Inserts XLW18

28/35  28/37  28/39

32/39  32/41  32/44  32/48  32/52

36/44  36/48  36/52

40/48  40/52
BIOLOX® Insert Portfolio
BIOLOX®forte Inserts (production only on request)
BIOLOX® OPTION Portfolio

Ball Heads

Sleeves

S M L XL

M sleeve size is used on illustrative pictures
BIOLOX® Portfolio
Material Combinations

**BIOLOX® ball heads and inserts**

Ball heads:
BIOLOX® *delta*

Ball heads:
BIOLOX® *forte*

Inserts:
BIOLOX® *forte*  
*production only on request*

Inserts:
BIOLOX® *delta*

Inserts:
PE / XPE
BIOLOX®OPTION Portfolio

**BIOLOX®OPTION ball heads**

Inserts: BIOLOX®delta
- 28 from 28/35 to 28/39
- 32 from 32/39 to 32/52
- 36 from 36/44 to 36/52
- 40 from 40/48 to 40/52
- 44 only in combination with monoblock inserts
- 48 only in combination with monoblock inserts

Inserts: BIOLOX®forte (production only on request)
- 28/37 from 28/41 to 28/52
- 32/41 from 32/41 to 32/52
- 36/48 from 36/48 to 36/52

Inserts: PE/XPE

**BIOLOX®OPTION ball heads and sleeves**

- 28
- 32
- 36
- 40
- 44
- 48

S M L XL
**Notice**

**BIOLOX® ball heads** may only be used in combination with femoral stems and stem tapers specifically designed by the implant manufacturers in cooperation with CeramTec and approved/cleared by the authorities for this combination.

**BIOLOX® inserts** may only be used in combination with acetabular shells specifically designed by the implant manufacturers in cooperation with CeramTec and approved/cleared by the authorities for this combination.

**BIOLOX®OPTION** ball heads and sleeves may only be used in combination with femoral stems and stem tapers specifically designed by the implant manufacturers in cooperation with CeramTec and approved/cleared by the authorities for this combination.

**BIOLOX®DUO** Bipolar systems may only be used in combination with BIOLOX®*forte* and BIOLOX®*delta* ball heads specifically designed by the implant manufacturers in cooperation with CeramTec and approved/cleared by the authorities for this combination.

**Important:** Please keep in mind that there is no international standard defining the design of the stem taper or their nomenclature. For this reason any reference to stem tapers such as 12/14, 10/12 etc. does not necessarily mean that their design is identical.

From the tribological point of view, BIOLOX®*forte*, BIOLOX®*OPTION* and BIOLOX®*delta* ball heads may only be used in combination with BIOLOX®*forte* or BIOLOX®*delta* inserts or PE or XPE inserts in combinations specifically designed by the implant manufacturers in cooperation with CeramTec and approved/cleared by the authorities for this combination. BIOLOX®*forte*, and BIOLOX®*delta* inserts may only be used with BIOLOX®*forte*, BIOLOX®*delta*, and BIOLOX®*OPTION* ball heads designed by the implant manufacturers in cooperation with CeramTec and approved/cleared by the authorities for this combination. Other combinations of articulating materials are not permissible. Regulatory guidelines as well as the instructions for use of the implant manufacturers in this regard must always be followed.
BIOLOX®Inside App

Your ultimate guide to the use of ceramics in orthopaedics.

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