

FEMORAL HEADS



Cobalt Chrome
Ziramic™ Zirconia
BILOX® forte Alumina



Exactech offers three different modular femoral head options—Cobalt Chrome, Ziramic™ Zirconia and BIOLOX® forte Alumina—with multiple offsets to accommodate all types of patients' anatomies and surgeon philosophies. Exactech femoral stems are designed for use with Exactech femoral heads of corresponding taper geometries. The 12/14 femoral stem components may only be used with 12/14 femoral heads.

COBALT CHROME

- Femoral Head Diameter: 22mm*, 28mm, 32mm, 36mm
- Femoral Head Lengths: -3.5mm, +0mm, +3.5mm, +7mm, +10mm (skirted)
- Maximum fracture toughness
- Available in more femoral head lengths than BIOLOX® forte Alumina
- Susceptible to scratches, which could lead to polyethylene wear and debris
- Most often used femoral head; lower cost option
- Compatible with all Exactech femoral hip stems

* 22mm not available in -3.5mm femoral head length



ZIRAMIC™ ZIRCONIA

- Femoral Head Diameters: 28mm, 32mm, 36mm
- Femoral Head Lengths: -3.5mm, +0mm, +3.5mm, +7mm (skirted), +10mm (skirted)
- Reduces polyethylene debris by:
 - More than 6 times compared to Cobalt Chrome (CoCr)
 - More than 4 times compared to BIOLOX® forte Alumina
- Greater strength than Alumina¹
- Increased smoothness and wettability over CoCr¹
- Available in more femoral head lengths than BIOLOX® forte Alumina
- Released in January 1992
- Low coefficient of friction, which results in decreased torque and stress to polyethylene¹
- Low wetting angle, leading to greater lubrication between articulating parts¹
- Compatible with all Exactech femoral hip stems



BIOLOX® FORTE ALUMINA

- More than 3.5 million BIOLOX components have been implanted¹
- BIOLOX® forte Alumina, next generation BIOLOX, was introduced in 1995¹
- BIOLOX® forte Alumina components have a hardness of approximately 2,000 HV (Vickers Hardness)¹
- Femoral Head Diameters: 28mm, 32mm, 36mm
- Femoral Head Lengths: -3.5mm, +0mm, +3.5mm
- Scratch resistant, preventing polyethylene wear
- Exceeds minimum burst strength of 25kN as required by the FDA
- Fewer femoral head lengths than CoCr and Ziramic™ Zirconia
- Only femoral head option able to be mated with BIOLOX® forte Alumina liners
- Compatible with all Exactech femoral hip stems
- Compatible with Novation® Ceramic AHS® bearing couple**
- Excellent biocompatibility and corrosion resistance in the human body environment¹
- Excellent surface finish and dimensional stability¹

** Please refer to Novation® Ceramic AHS® Operative Technique to verify compatible femoral hip stems.

1. Data available on file at Exactech



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