OHST
medical technology

Femoral Heads

BEST QUALITY
MADE IN GERMANY

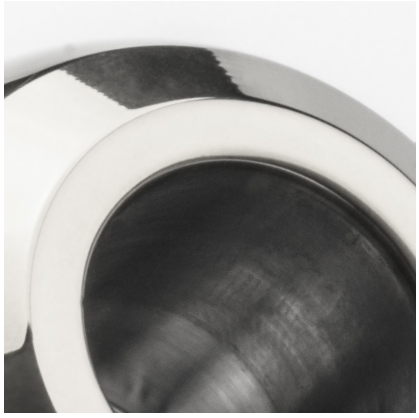
FEMORAL HEADS

Various materials are available

When used with modular endoprosthetic hip systems, femoral heads act as the articulation partner between the hip stem and the cup component. Polyethylene components are used as a gliding partner for metal femoral heads. They can also be used with PE inlays for cementless outer cups or with cemented polyethylene cups.

Furthermore, they can be used for bipolar heads with polyethylene inserts. Ceramic femoral heads can, in addition, articulate with ceramic inserts.

All femoral heads are detachable and can be connected with the stem by means of a friction-lock system using a 12/14 cone. Several sizes with varying diameters and neck lengths are available. This enables individual adjustments of the implant system to the patient's anatomical conditions.



50000530, Rev.002 2019-04

OHST Medizintechnik AG Grünauer Fenn 3 | D-14712 Rathenow | Fon: +49 (0) 3385 5420 0 | E-Mail: info@ohst.de | www.ohst.de

FEMORAL HEADS VARIANTS

Material	Sizes & Neck length	Diameter
Implant steel (ISO 5832-9)	S–XXL	28/32
CoCrMo (ISO 5832-12)	S–L S–XXL	22 28/32

Material	Sizes & Neck length	Diameter
ELEC® plus (ISO 6474-2)	S-L S–XL	28 32/36
Biolox® delta (ISO 6474-2)	S–L S–XL	28 32/36

Femoral head, Implant steel

The material is made of highly corrosion-resistant, stainless austenitic steel with a very high resistance to intercrystalline corrosion. It is frequently used as a sliding partner for polyethylene.

Femoral head, CoCrMo

CoCrMo wrought alloy is made of very fine grain and has a particularly high degree of hardness. It is thus ideal both for use as a supporting and also tribological component. It is characterised by its excellent wear properties and high robustness.

ELEC®plus ceramic femoral head

ELEC®plus, is a mixed-phase ceramic high-performance material (ISO 6474-2 alumina partially stabilized by zirconia ZTA) that stands out for its high mechanical strength. Thus the flexural strength of ELEC®plus is even higher than ELEC®.

BIOLOX® delta ceramic femoral head

The BIOLOX® delta ceramic femoral head is made of mixed oxide ceramic with increased breaking resistance and excellent abrasion properties. It is a matrix composite compound in which partly stabilised zirconium oxide particles are homogeneously dispersed in the aluminium oxide matrix.

50000530, Rev.002 2019-04