

ECOFIT[®] EPORE[®] Hip Cup



Hip Cup System

ECOFIT® EPORE® is a system of cementless, spherical, pole-flattened hip cup implants. In addition to polyethylene and ceramic inserts the **ECOFIT®** cup insert consisting of CoCrMo is also available. Together with the PE heads of the **ECOFIT®** 2M system it enables a tripolar treatment.



Screw options

for spongiosa screw
flat head Ø 6.5mm
→ NH (NoHole)
→ 3-Hole
→ MH (Multihole,
seven bore holes)



Anchorage

equatorial PressFit and
boneside **EPORE®** structure



Coating

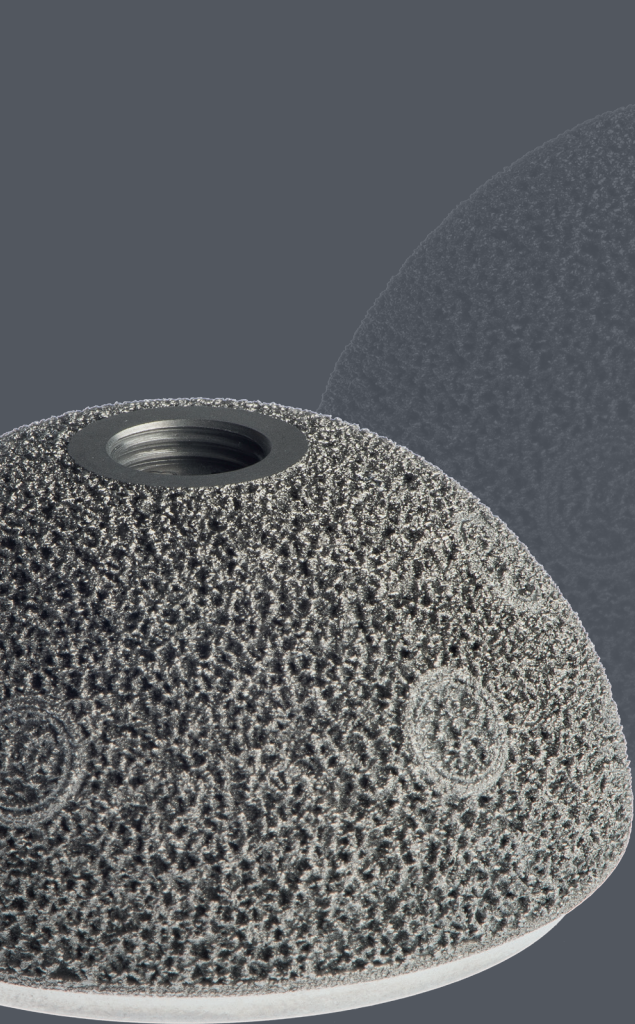
TCP (optional)



Size range

42 – 72 mm





EPORE®

EPORE® is an additively manufactured, highly porous structure made of titanium alloy (TiAl_6V_4). This material is particularly suitable because it is biologically inert, ductile and has a high corrosion resistance and fatigue strength.

EPORE® was developed to produce a high porosity with a low modulus of elasticity. It is very similar to bone structure and thus favors the ingrowth of the implant into the bone.



Mechanical properties

- porosity: $61 \pm 8 \%$
- rod thickness: $360 \pm 50 \mu\text{m}$
- spec. E modulus: $3.1 \pm 0.6 \text{ GPa}$

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