

# ECOFIT<sup>®</sup> EPORE<sup>®</sup> 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<sup>®</sup>

EPORE<sup>®</sup> is an additively manufactured, highly porous structure made of titanium alloy ( $\text{TiAl}_6\text{V}_4$ ). This material is particularly suitable because it is biologically inert, ductile and has a high corrosion resistance and fatigue strength.

EPORE<sup>®</sup> 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:  $3.1 \pm 0.6 \text{ GPa}$

walk with us

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