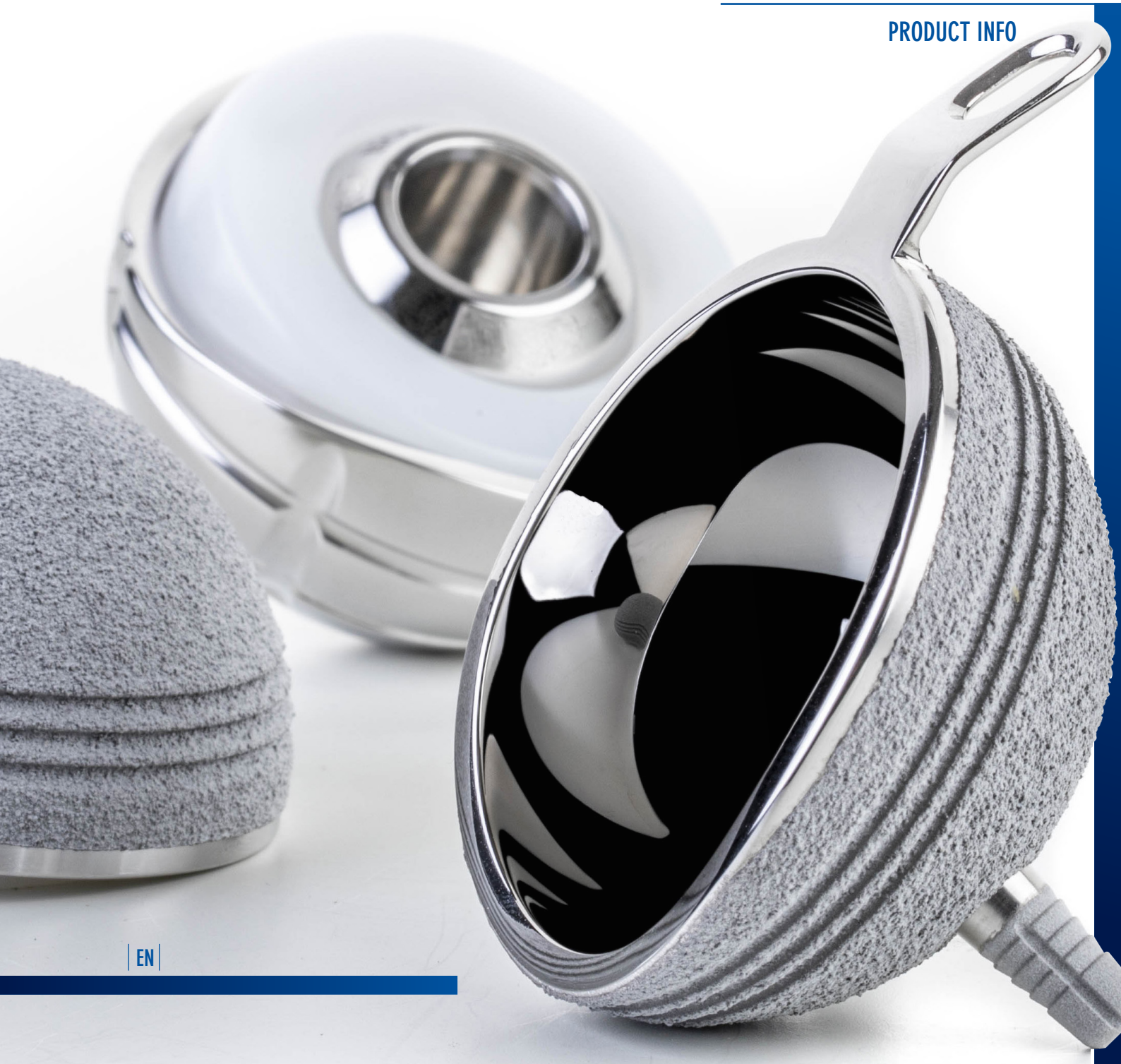
GRUPPO BIOIMPIANTI

Enjoy Mobility

DUALIS SYSTEM

PRODUCT INFO



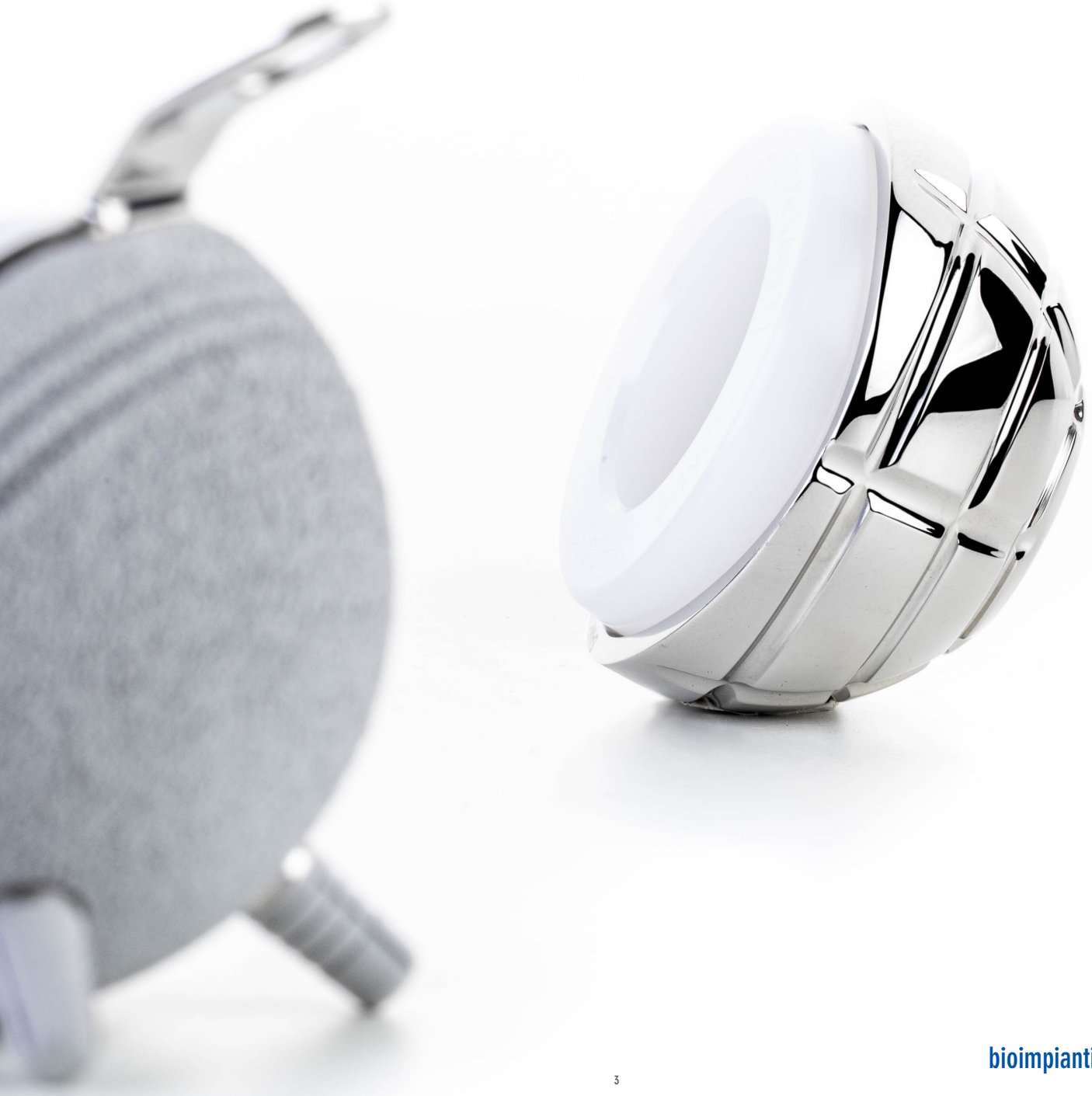
EN

DUALIS SYSTEM

DOUBLE
MOBILITY
CUPS

The concept of double mobility, head-inner and inner-cup is a tried and tested means of reducing the risk of dislocation and consequent treatment.

The principle is that of combining high articulation stability by means of a large-diameter polyethylene inner and reducing shear forces thanks to the “low-friction” of the head-inner coupling.

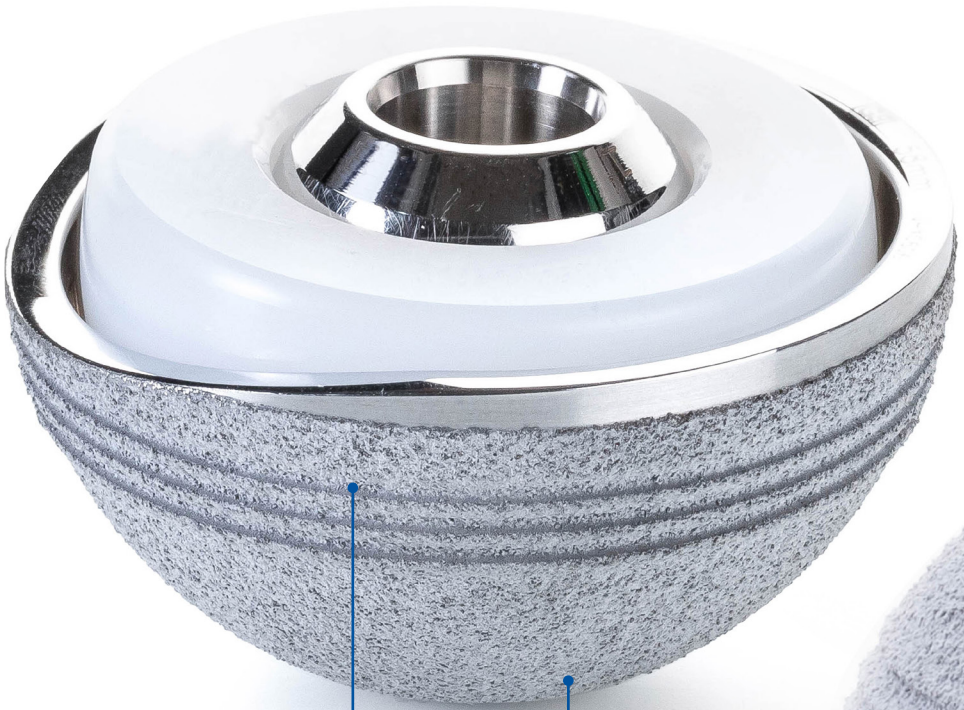


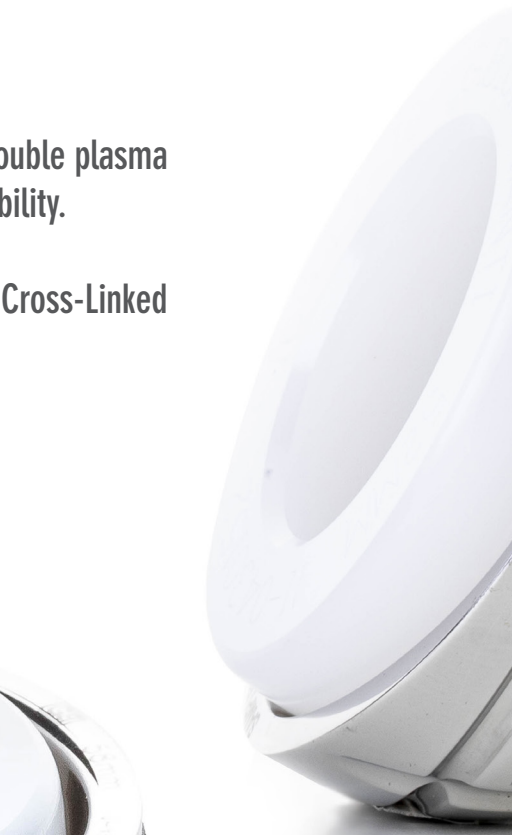
DUALIS SYSTEM

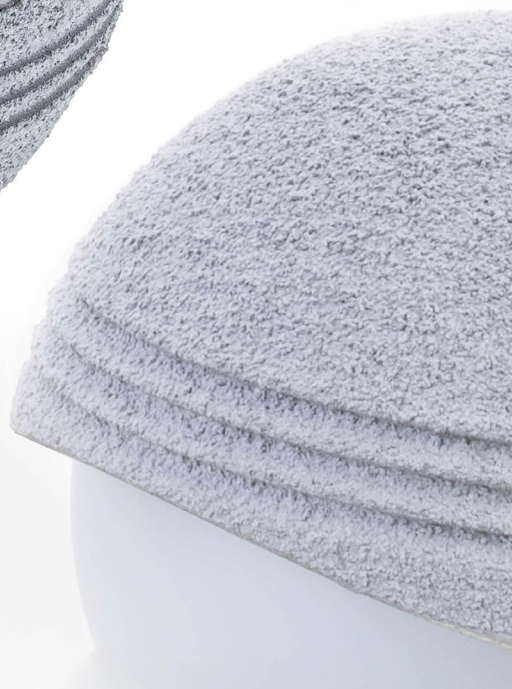
UNCEMENTED DUALIS
CEMENTED DUALIS

MATERIALS

UNCEMENTED DUALIS: high nitrogen steel certified ISO 5832-9. Double plasma sprayed Ti SPS + HA OSPROVIT coating for greater secondary stability.
CEMENTED DUALIS: high nitrogen steel certified ISO 5832-9.
The INNER is made of cross-linked polyethylene (XLPE - High Cross-Linked Polyethylene) certified ISO 5834-2.







CIRCUMFERENTIAL GROOVES

Three grooves in the equatorial area to increase the contact surface and promote bone growth

AVAILABLE DIAMETERS

Available in 16 sizes: 42 ÷ 72mm

AVAILABLE DIAMETERS

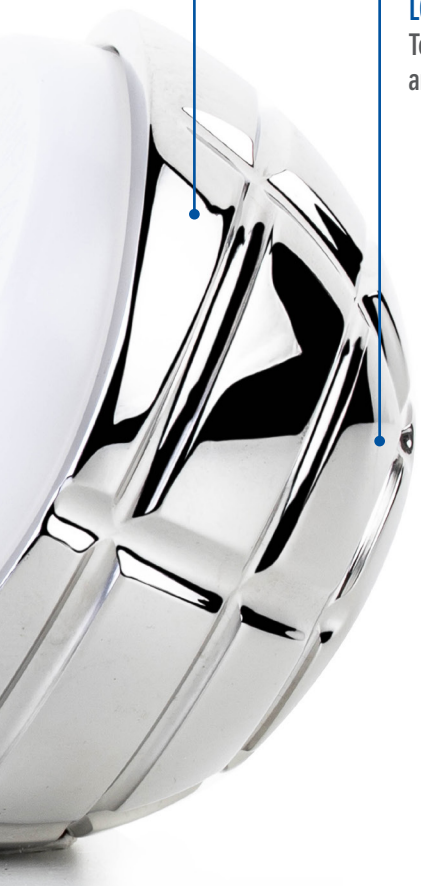
Available in 16 sizes: 42 ÷ 72mm

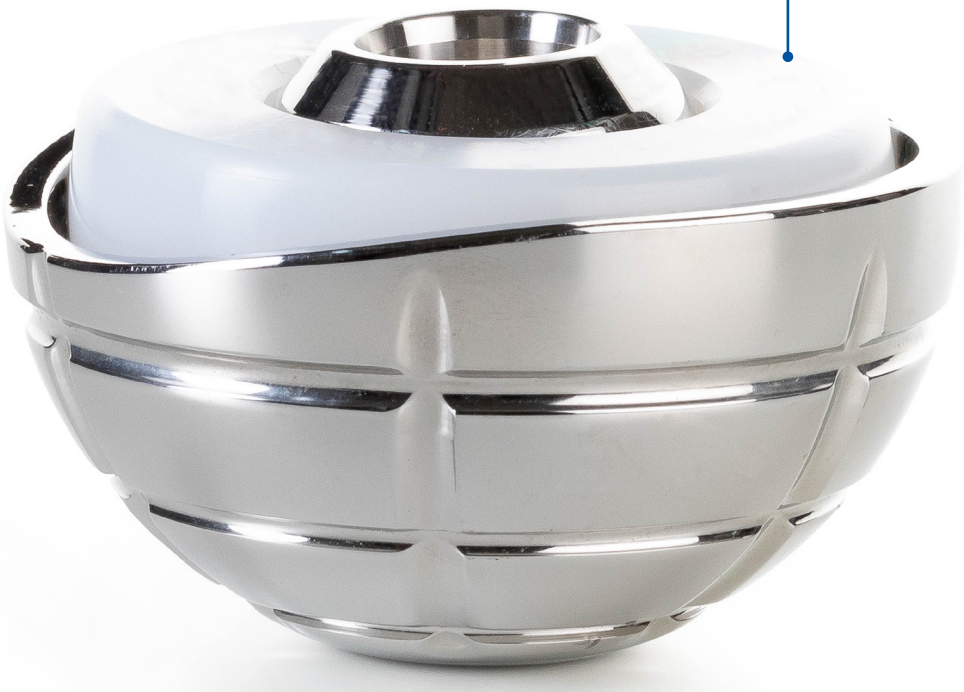
LONGITUDINAL GROOVES

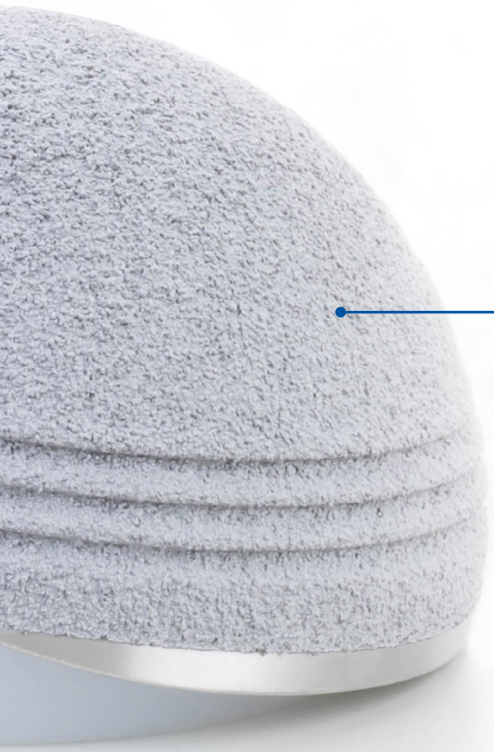
To facilitate the correct distribution and optimal attachment of the cement

INNER

The cross-linked ultra-high molecular weight Polyethylene inner holds the 28mm and 22.2mm femoral head







DESIGN

DUALIS cup has a hemispherical shape, designed to reduce the risk of dislocation.

It has a caudal aperture, to allow a greater range of motion and to better adapt to the anatomy of the natural acetabulum.

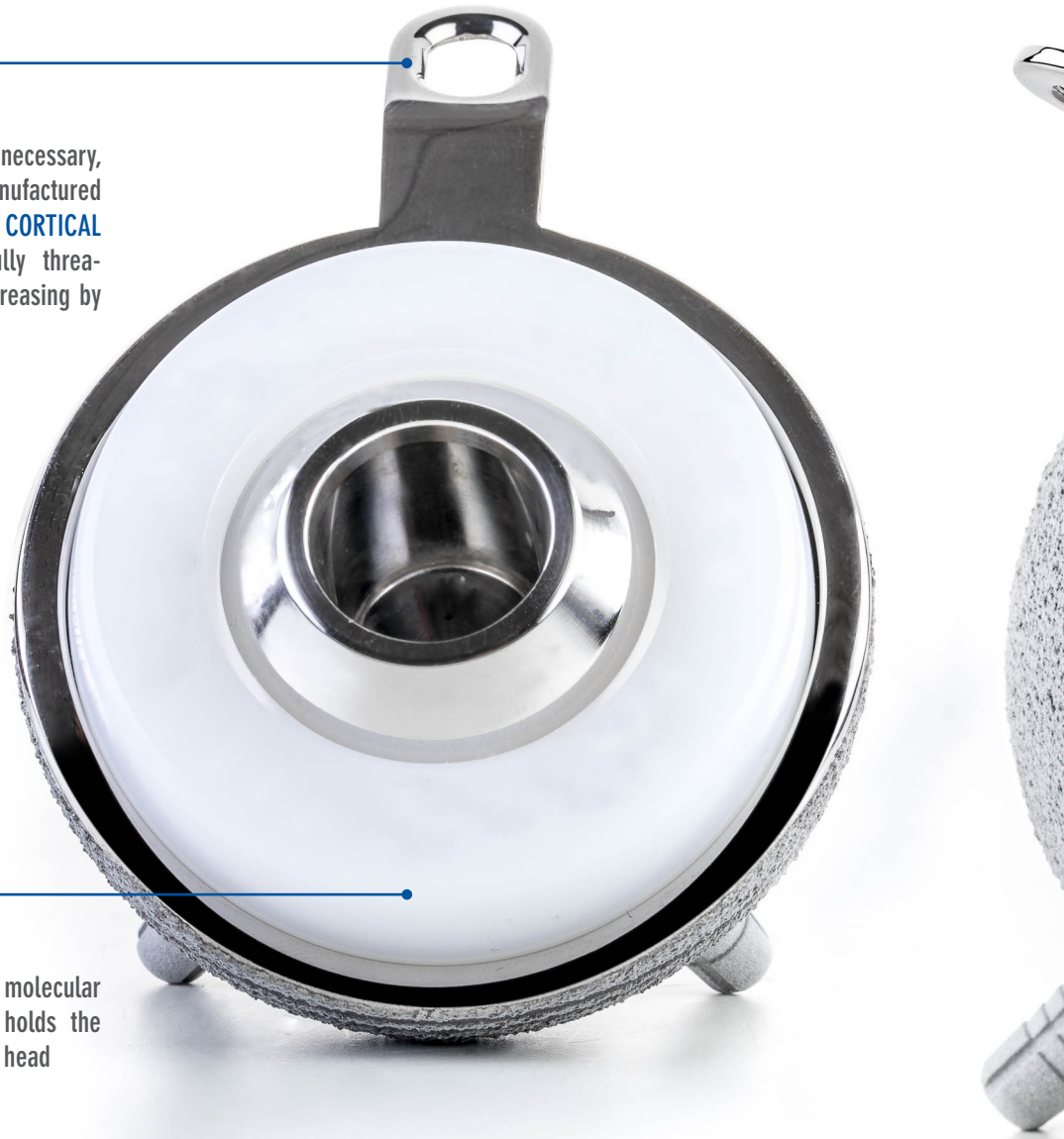
See the operating technique for available sizes

DUALIS SYSTEM

DUALIS TRIPOD

MATERIALS

DUALIS TRIPOD: cup made of high nitrogen steel (ISO 5832-9) and iliac flange made of stainless steel (ISO 5832-1). Double plasma sprayed Ti SPS + HA OSPROVIT coating for greater secondary stability.
CORTICAL SCREWS: stainless steel (ISO 5832-1).
The INNER is made of cross-linked polyethylene (XLPE - High Cross-Linked Polyethylene) certified ISO 5834-2.



ILIAC FLANGE

Supplied already bent. If necessary, it can be bent further. Manufactured in stainless steel, like the CORTICAL SCREWS: Diam 4.5mm, fully threaded, lengths 20÷60mm, increasing by 4mm.

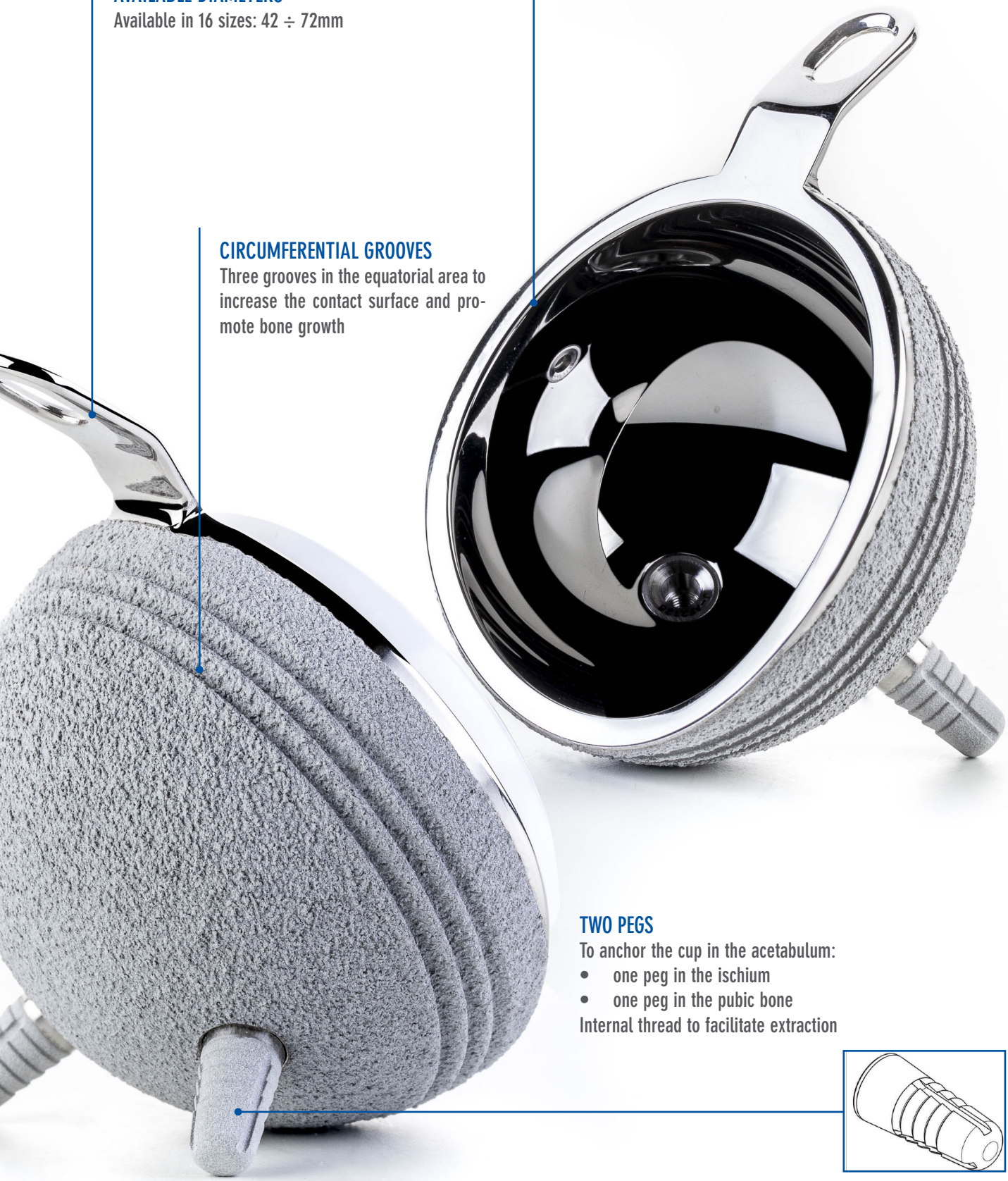
INNER

The cross-linked ultra-high molecular weight Polyethylene inner holds the 28mm and 22.2mm femoral head

INTERNAL SURFACE
Mirror finishing on the inside to reduce wear of polyethylene

AVAILABLE DIAMETERS
Available in 16 sizes: 42 ÷ 72mm

CIRCUMFERENTIAL GROOVES
Three grooves in the equatorial area to increase the contact surface and promote bone growth



TWO PEGS
To anchor the cup in the acetabulum:
- one peg in the ischium
- one peg in the pubic bone

Internal thread to facilitate extraction

See the operating technique for available sizes

Web site

Use the QR-Code to visit Gruppo Bioimpianti website

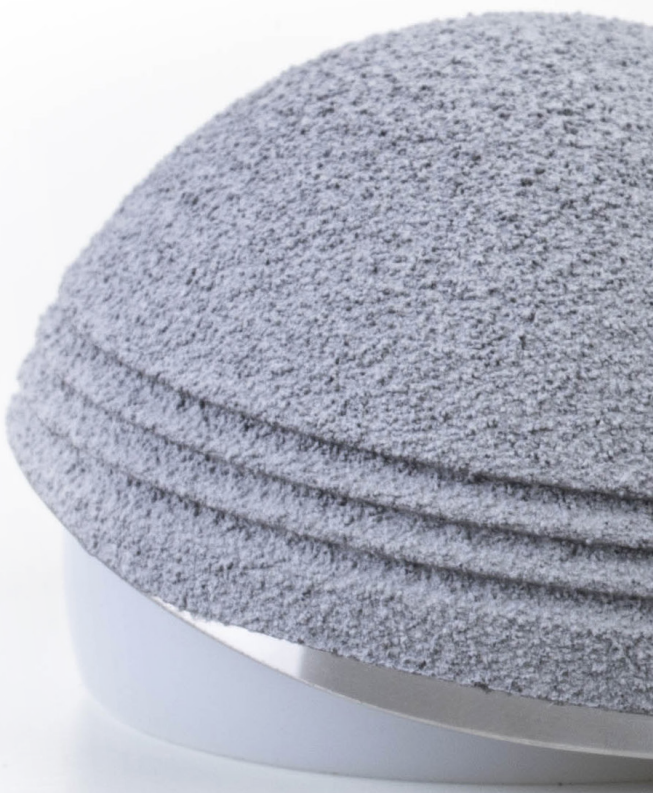
IFU

Use the QR-Code to view complete product informations, including instructions for use, indications and contraindications, precautions and warnings

Operating Technique

Use the QR-Code to view the surgical technique, product codes and sizes available

DUALSYSTEM-IP-001 REV 00 2023



This document is exclusively intended for medical professionals, especially physicians and surgeons.
This document does not constitute medical advice, it does not dispense medical recommendations and it does not convey any diagnostic or therapeutic information.
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