GRUPPO BIOIMPIANTI

*Enjoy Mobility*

# FIN SHORT

## PRODUCT INFO

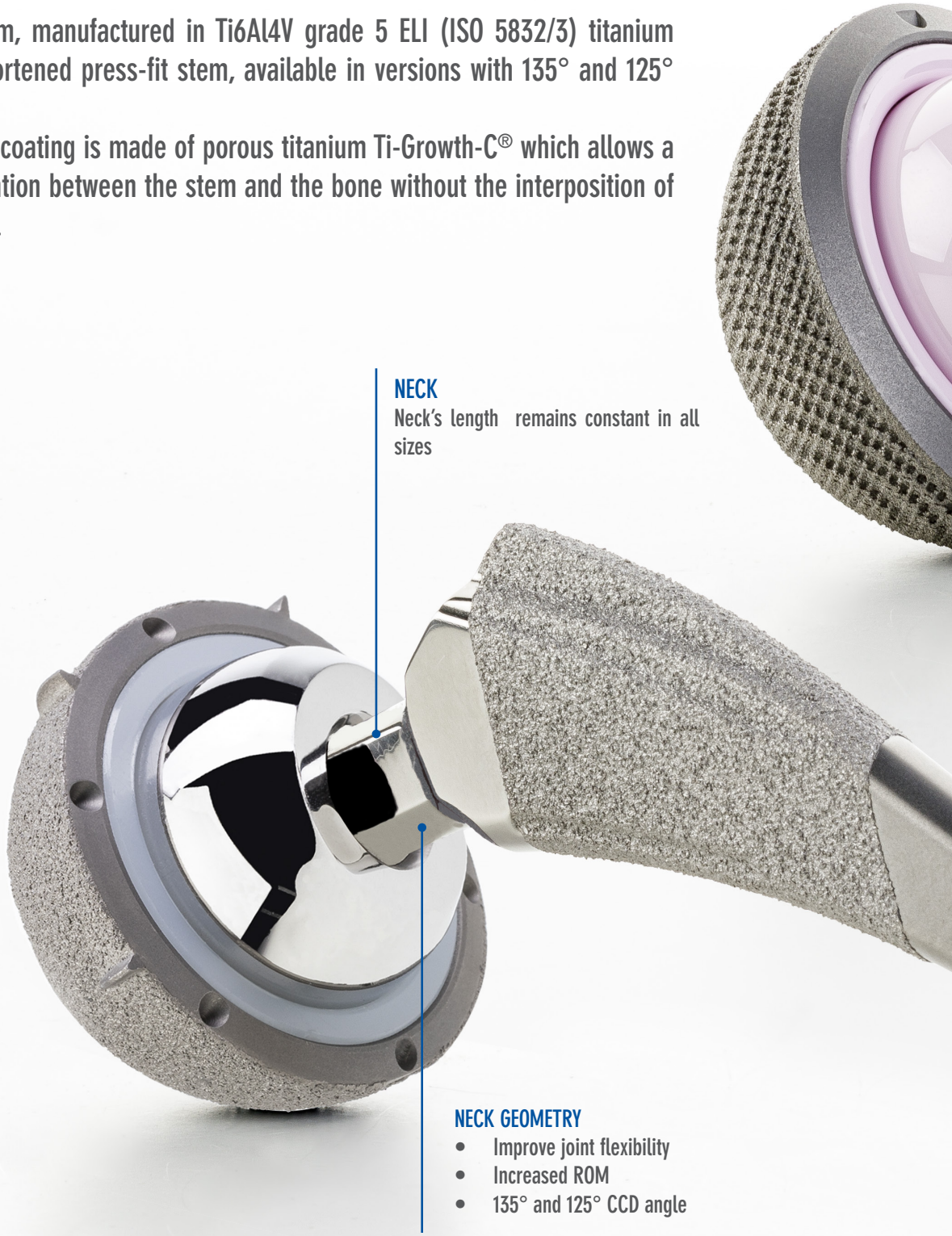
EN

# FIN SHORT

Introduced in 1992, the FIN stem was designed to provide surgeons with an implant that combines easy insertion with effective anchoring.
Based on the clinical results achieved, the FIN stem has proved to be a valuable ally in the treatment of hip disorders.
Today the FIN system continues to evolve with the addition of a new design: the FIN SHORT stem.
FIN SHORT is a shortened straight stem, based on the FIN stem design and reshaped to meet the needs of minimally invasive surgery.

# FIN SHORT

Fin Short stem, manufactured in Ti6Al4V grade 5 ELI (ISO 5832/3) titanium alloy, is a shortened press-fit stem, available in versions with 135° and 125° CCD angles.
The proximal coating is made of porous titanium Ti-Growth-C® which allows a biological fixation between the stem and the bone without the interposition of fibrous tissue.



**NECK**
Neck's length remains constant in all sizes

**NECK GEOMETRY**
- Improve joint flexibility
- Increased ROM
- 135° and 125° CCD angle

## FIN

The fin is designed to allow a better femoral canal filling and a high rotational stability

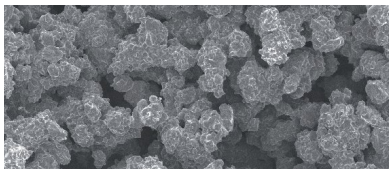
## AVAILABLE SIZES

Fin Short is available, in 135° and 125° versions, in 9 sizes

See the operating technique for available sizes

# FIN SHORT

Fin Short stem can be implanted with both traditional and minimally invasive techniques, thus adapting to the surgeon's preferences.



## COATING

Ti-Growth-C® coating which allows a biological fixation between the stem and the bone without the interposition of fibrous tissue.

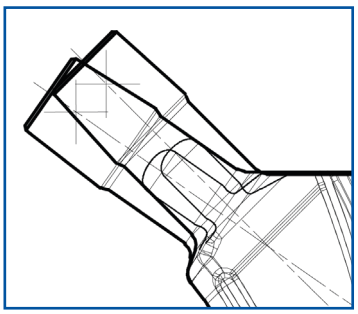
- High roughness 300-600 µm
- Porosity: 30-70%
- Thickness: 500 µm

## DISTAL SECTION

Glass Bead Blasting

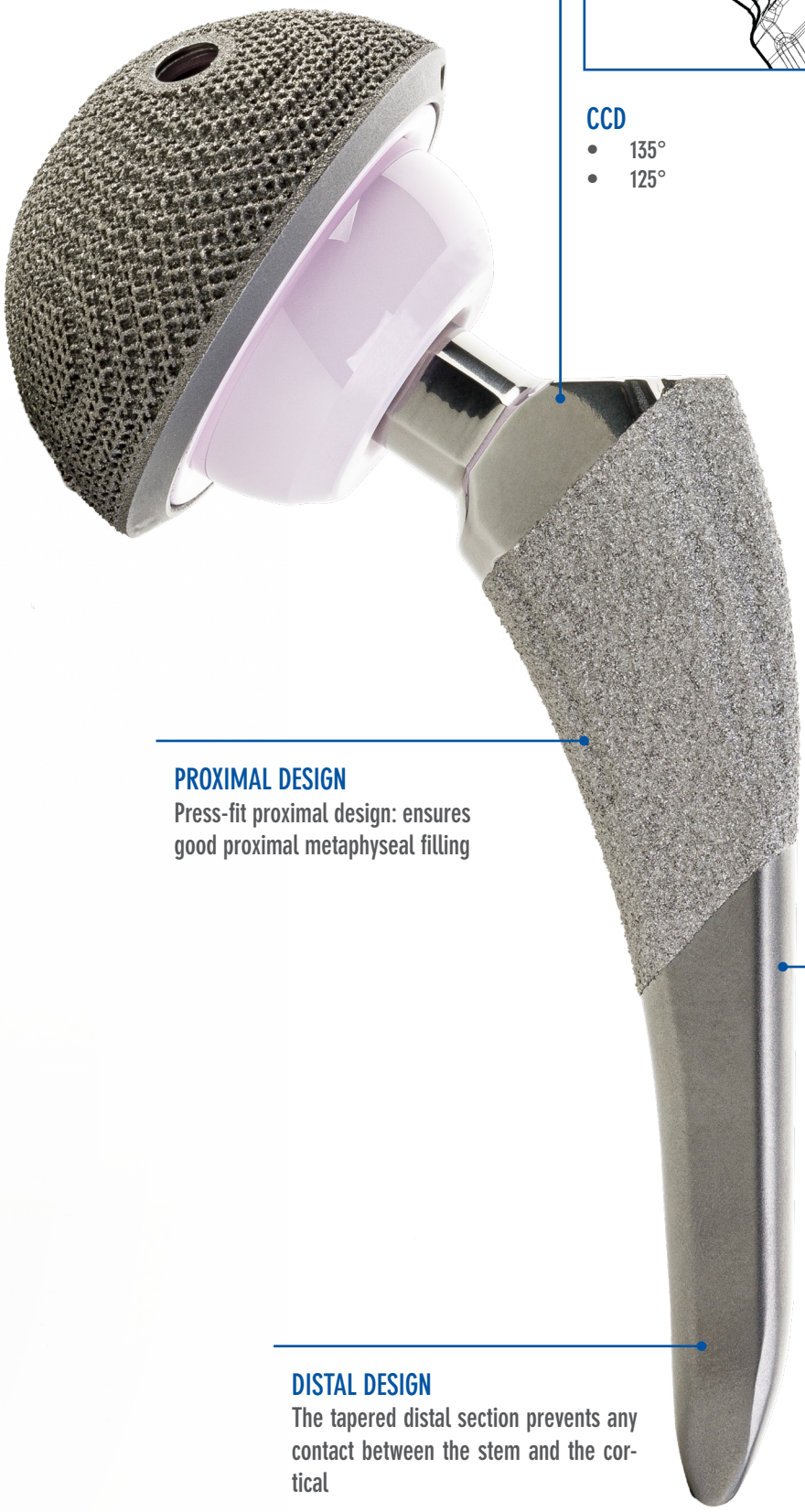
## NECK

Mirror polished finishing



## CCD

- 135°
- 125°



## PROXIMAL DESIGN

Press-fit proximal design: ensures good proximal metaphyseal filling

## CENTRAL DESIGN

The middle part of te stem is appropriately sized to allow a gradual reduction of stresses transferred to the bone from the proximal to the distal zone

## DISTAL DESIGN

The tapered distal section prevents any contact between the stem and the cortical

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 in structions for use, indications and contraindications, precautions and warnings

## Operating Technique

Use the QR-Code to view complete informations about the Direct Anterior Approach Kit

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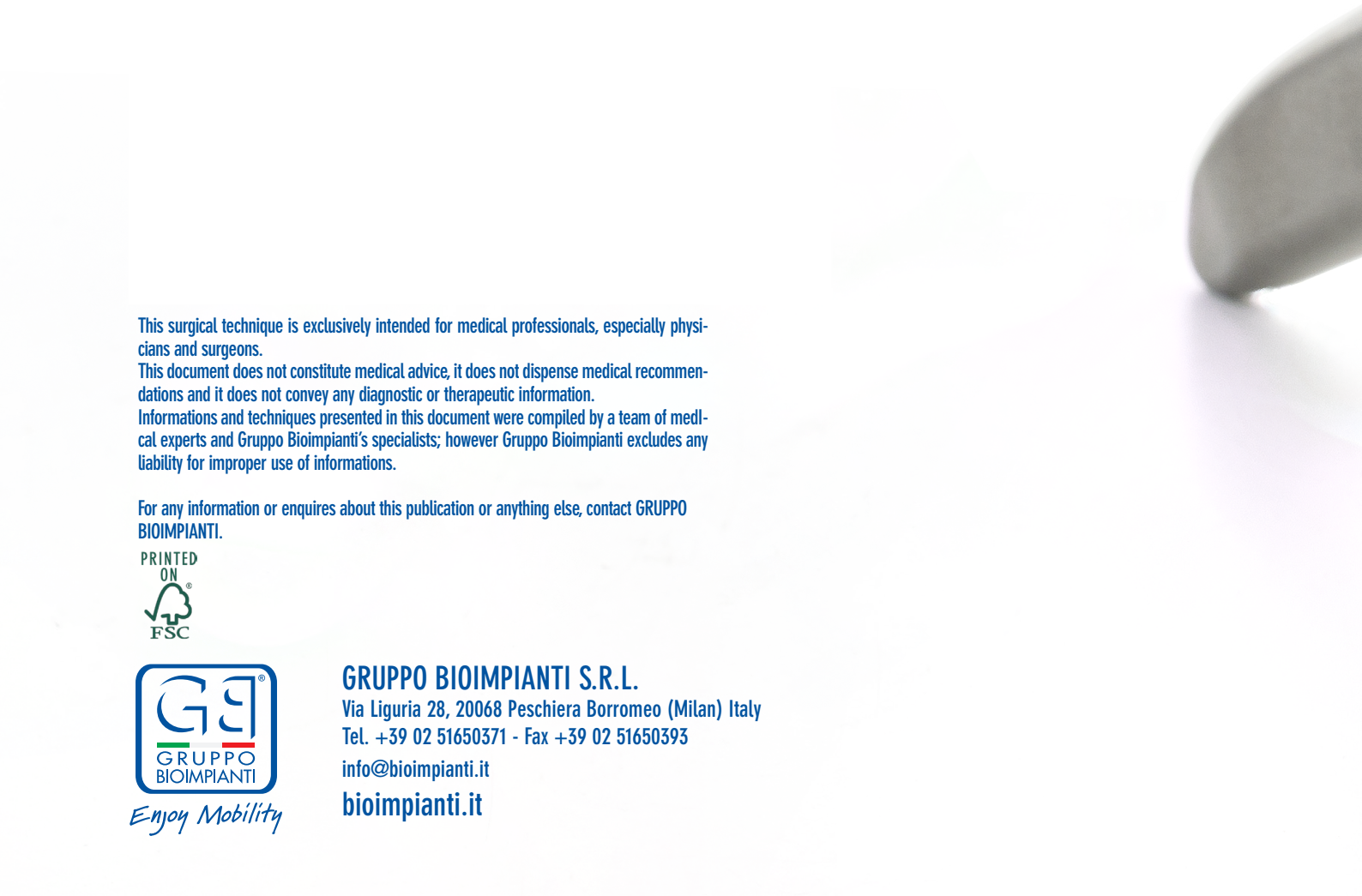

This surgical technique is exclusively intended for medical professionals, especially physicians and surgeons.
This document does not constitute medical advice, it does not dispense medical recommendations and it does not convey any diagnostic or therapeutic information.
Informations and techniques presented in this document were compiled by a team of medical experts and Gruppo Bioimpianti's specialists; however Gruppo Bioimpianti excludes any liability for improper use of informations.

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