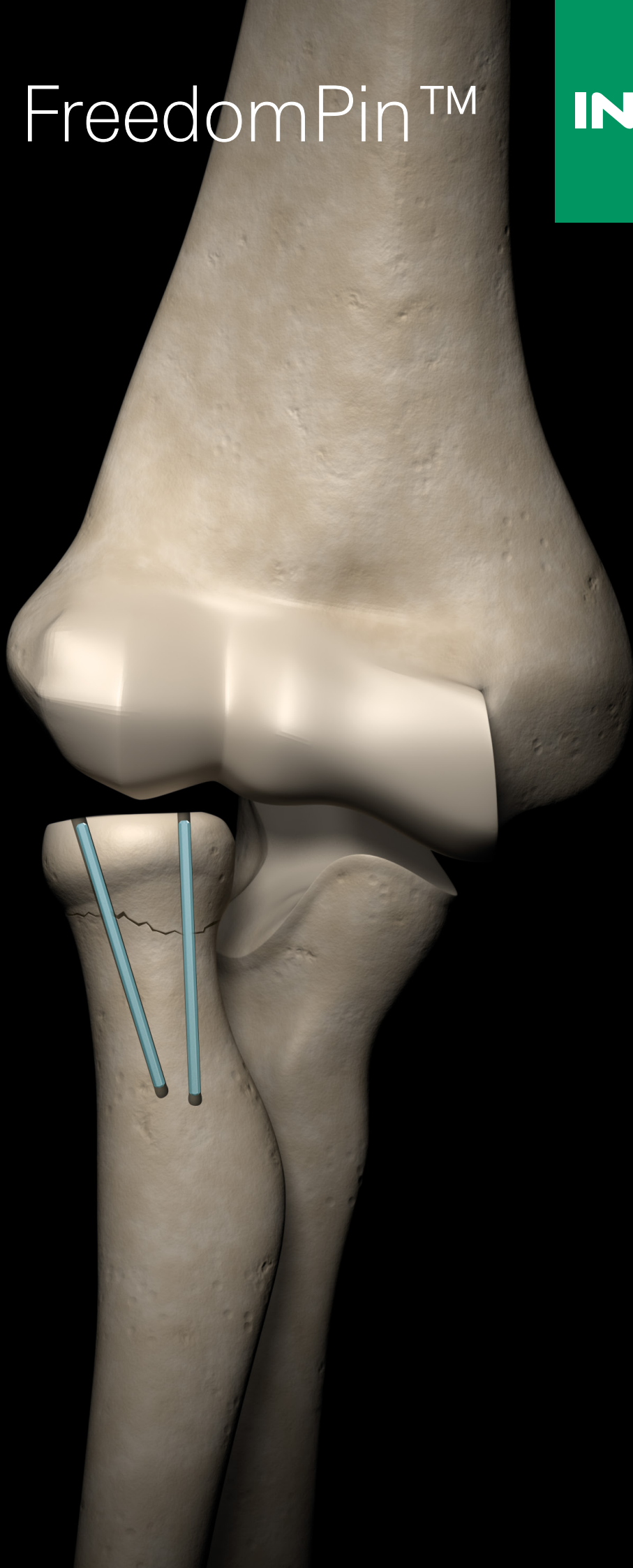


Inion FreedomPin™

INION

Bioabsorbable Fixation Pin



Inion FreedomPin™ Bioabsorbable Fixation Pin

CE 2797

Inion FreedomPin™ is a strong and versatile bioabsorbable pin for even more challenging orthopaedic fixations. The pin combines a unique manufacturing method with a hexagonal shaft design to offer clear benefits over traditional round-shaped pin implants. The Inion FreedomPin™ is available in four different diameters (1.5 mm, 2.0 mm, 2.7 mm and 3.2 mm), which allows a wide range of applications in bone healing, including maintenance of accurate alignment of **bone fractures, osteotomies, arthrodesis** and **bone grafts** with appropriate additional immobilization. Specific indications for use may vary between market areas. Please review the electronic Instructions for Use at ifu.inion.com.



Inion FreedomPin™ is a CE-marked medical device (Class III), manufactured by Inion Oy. The conformity assessment was conducted by BSI The Netherlands (CE 2797).

Clinical Benefits

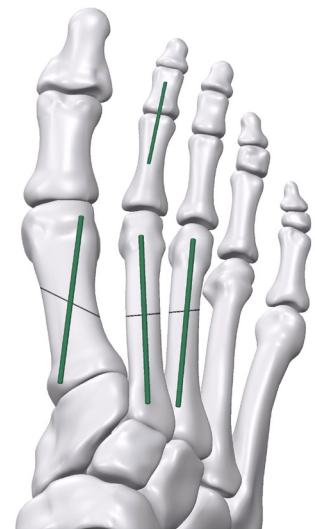
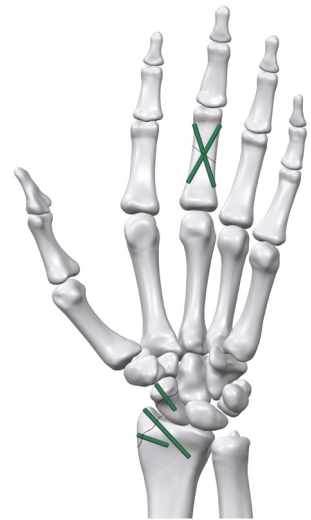
The bioabsorbable Inion FreedomPin™ implants provide several clinical benefits to trauma and reconstructive orthopaedic procedures:

- **Bone healing:** maintenance of accurate alignment of bone fixation with appropriate additional immobilization
- **Avoidance of removal surgery,** reducing patient trauma and cost in comparison to the metallic K-wires
- **No permanent implant** left in the body reducing risk of implant migration and stress shielding

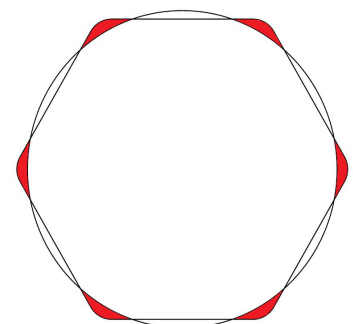
Additional Benefits

The bioabsorbable Inion FreedomPin™ implants provide additional benefits due to their technical features and material composition:

- **Resorbs in 2–4 years**
- **Predictable degradation** enables progressive load transfer to the bone, supporting bone regeneration
- **No long-term** implant palpation, visibility, temperature sensitivity
- **No imaging interference:** the material does not interfere with X-ray, CT, or MRI imaging
- **No release or accumulation of metal debris,** nor metal-induced allergies/sensitization
- **Sterile-packaged implants** reduce the risk of cross-contamination and overall infection risk
- **Easier revision procedures:** if re-operation is needed, the previously inserted Inion Freedom™ pins have either absorbed, or can simply be drilled through
- **MR Safe:** the Inion Freedom™ pins are entirely made of non-conductive and non-ferrous material components
- **High-strength** pins due to reinforced polymer
- **Improved intraoperative visibility** due to coloured implants
- **Enhanced pull-out and torsion resistance:** the hexagonal shaft shape of the Inion FreedomPin™ enhances pull out and torsion resistance compared with bioabsorbable pins (and K-wires) having round cross-section
- **Easy-to-use reusable pin applicator** with implant locking feature
- Available also as a **single-use kit** with sterile and easy-to-use disposable insertion instrumentation
- The pins can be **cut to the desired length** during the operation



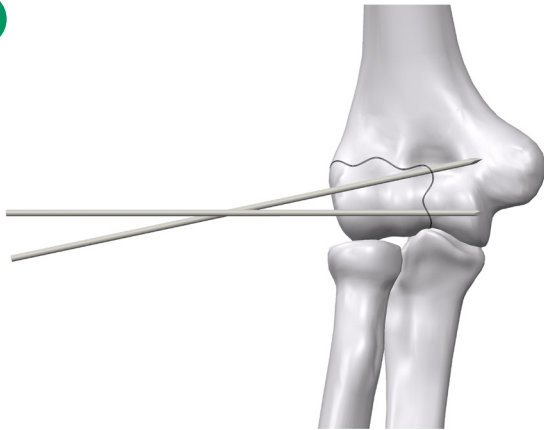
Inion FreedomPin™ is designed to maintain accurate alignment in fractures, osteotomies, arthrodeses, and bone grafts



Red areas indicate the corners of Inion FreedomPin™ hexagonal shaft shape that lock the pin into the pilot hole by slight deformation within insertion

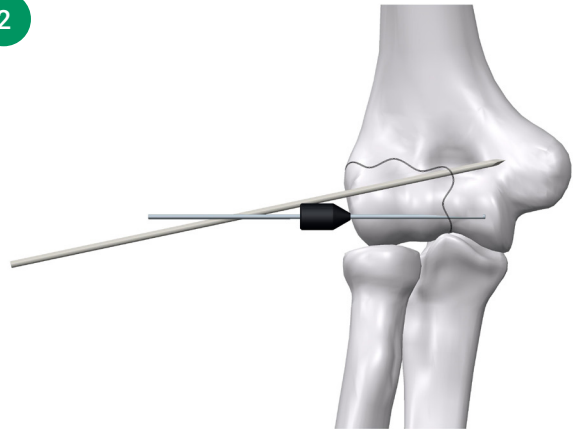
Surgical Technique – Arthroscopic Operation

1



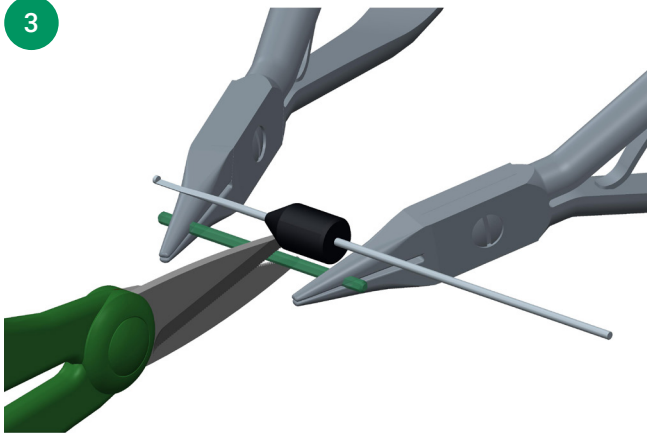
1. Reduce the fracture/osteotomy. Drill two Inion® K-wires through the bone to secure the fragments.

2



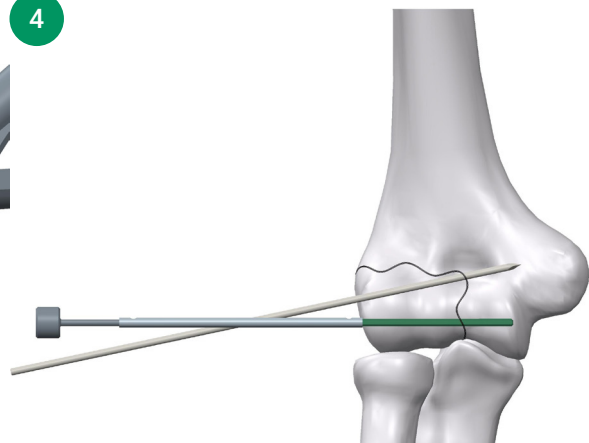
2. Remove one of the K-wires, flush and measure depth of the drill channel.

3



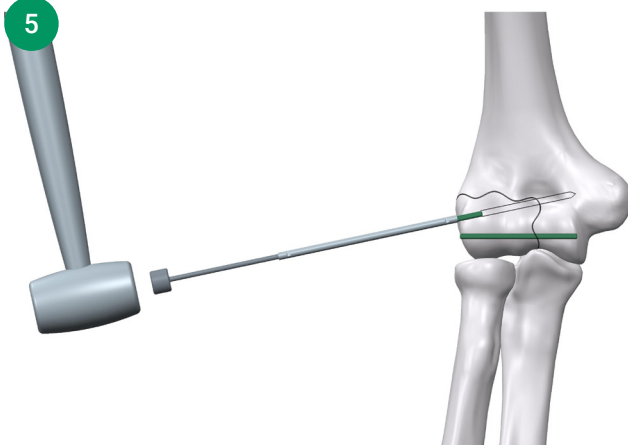
3. Select the pin diameter corresponding to the K-wire. If necessary, cut the pin to proper length using surgical scissors.

4



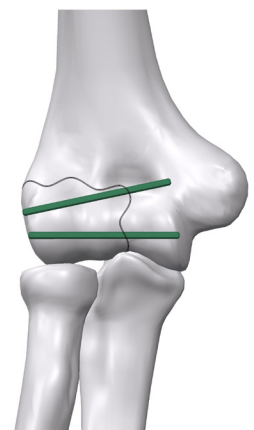
4. Replace the first K-wire with Inion FreedomPin™.

5



5. Replace the second K-wire with Inion FreedomPin™.

6

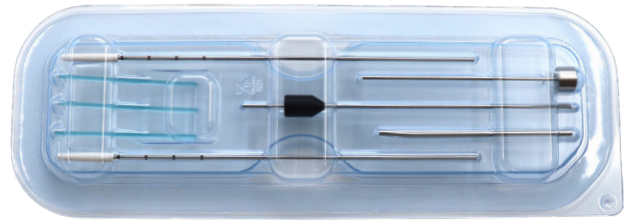


6. Close the wound and place in a post-op brace.

Product Overview

Inion FreedomPin™ Kit

Product Code	Description
OPK-15K2	FreedomPin™ Kit Ø1.5 mm (2 pcs)
OPK-20K2	FreedomPin™ Kit Ø2.0 mm (2 pcs)
OPK-15K3	FreedomPin™ Kit Ø1.5 mm (3 pcs)
OPK-20K3	FreedomPin™ Kit Ø2.0 mm (3 pcs)



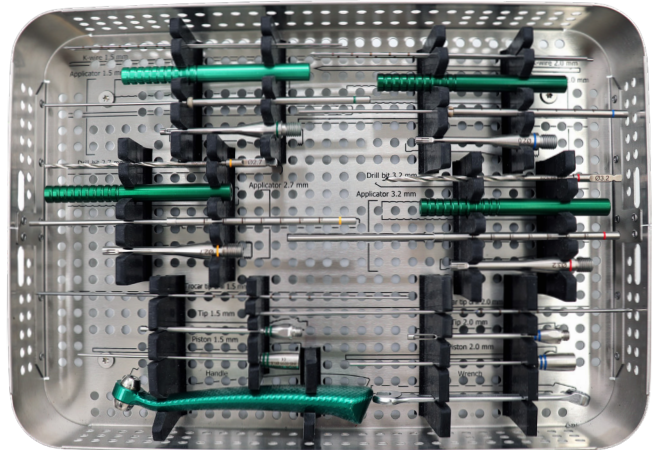
Inion FreedomPin™ - Individually Packed Pins

Product Code	Description
OPA-1550	FreedomPin™ 1.5 x 50 mm
OPA-1570	FreedomPin™ 1.5 x 70 mm
OPA-2050	FreedomPin™ 2.0 x 50 mm
OPA-2070	FreedomPin™ 2.0 x 70 mm
OPA-2750	FreedomPin™ 2.7 x 50 mm
OPA-3250	FreedomPin™ 3.2 x 50 mm



Inion FreedomPin™ Instruments

Product Code	Description
INS-9256	K-wire 1.5 mm (10-pack)
INS-9280	Applicator 1.5 mm
INS-9237	Trocar tip drill 1.5 mm
INS-9233	Arthroscopic tip 1.5 mm
INS-9235	Arthroscopic piston 1.5 mm
INS-9257	K-wire 2.0 mm (10-pack)
INS-9281	Applicator 2.0 mm
INS-9238	Trocar tip drill 2.0 mm
INS-9282	Arthroscopic tip 2.0 mm
INS-9236	Arthroscopic piston 2.0 mm
INS-9283	K-wire 2.7 mm (5-pack)
INS-9284	Drill bit 2.7 mm
INS-9285	Applicator 2.7 mm
INS-9286	K-wire 3.2 mm (5-pack)
INS-9287	Drill bit 3.2 mm
INS-9288	Applicator 3.2 mm
INS-9232	Arthroscopic handle
INS-9240	Wrench
ACC-9835	Instrument tray
F7255	Low temperature hot loop, fine tip (10pcs) (May need additional product registration outside EU and USA)



Please confirm up-to-date product availability with Inion Sales.



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