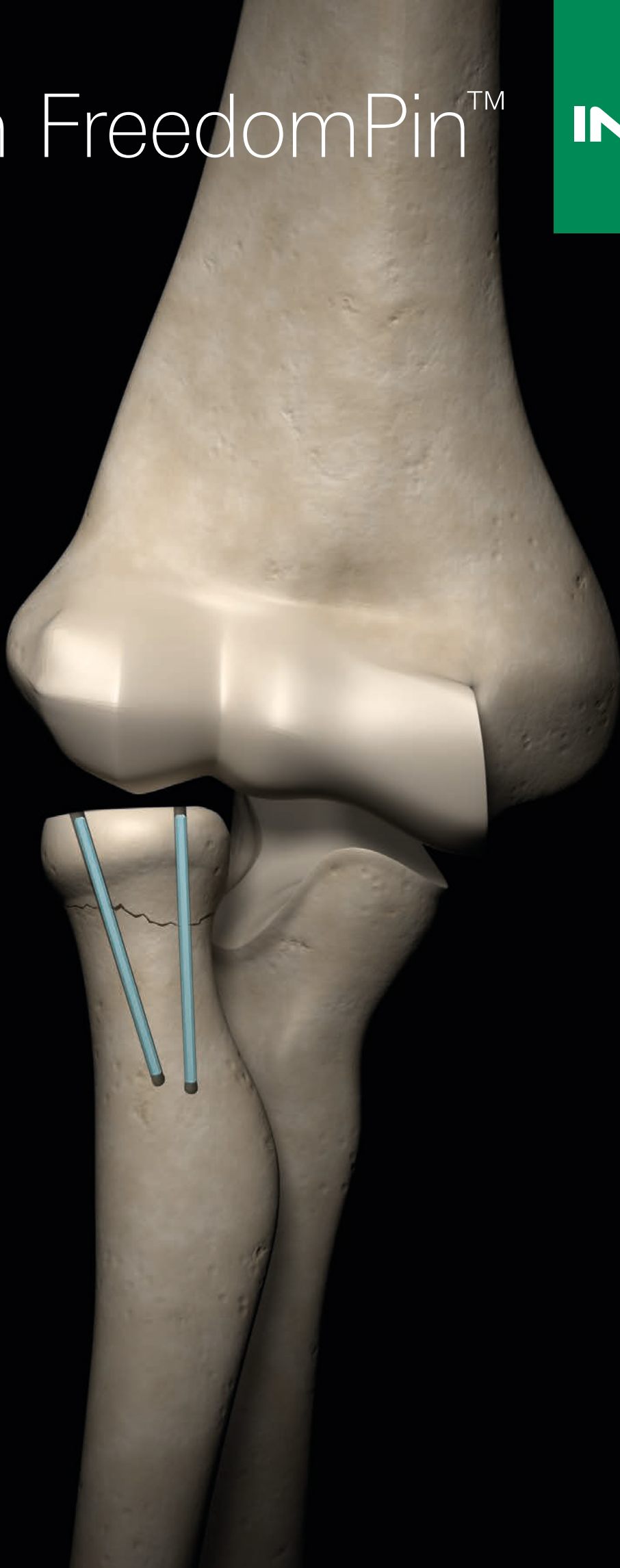


# Inion FreedomPin™

**INION**

Inion FreedomPin™ – A Biodegradable Solution



# Product description

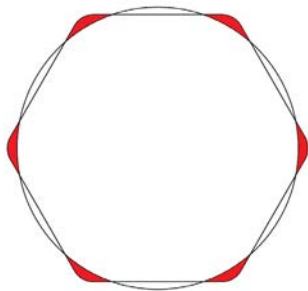
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The new Inion FreedomPin™ is a strong and versatile resorbable pin for use in even the more challenging orthopedic fixations. With a unique manufacturing method and an angular shaft shape design the Inion FreedomPin™ offers many clear benefits over the traditional round shaped pin implants.

## Benefits

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- Over three times stronger than recent generation pins
- The angular shaft shape design provides significant improvement to the rotational and pull-out stability of the implant and therefore creates a more stable and reliable fixation
- Availability in four different diameters (1.5 mm, 2.0 mm, 2.7 mm and 3.2 mm) for wider range of applications
- Colored implant for improved visibility
- The ability to create “a screw head” at any chosen point along the pin shaft by using the temperature cautery
- New reusable pin applicator with implant locking feature allows for easy and secure pin insertion
- Optional as a single-use kit with sterile and easy to use disposable insertion instrumentation
- Radiolucent, allowing the surgeon unimpeded radiographic visualization
- Can be cut to desired length during the operation



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

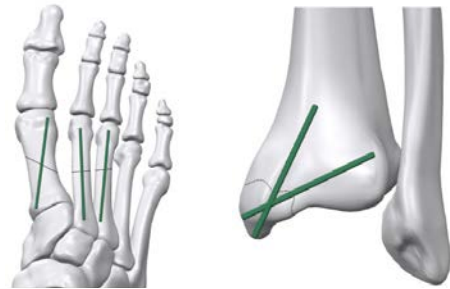
## Indications

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The Inion FreedomPin™ products are indicated for maintenance of alignment and fixation of bone fractures, osteotomies, arthrodeses or bone grafts in the presence of appropriate additional immobilization (e.g. rigid fixation implants, cast, brace).



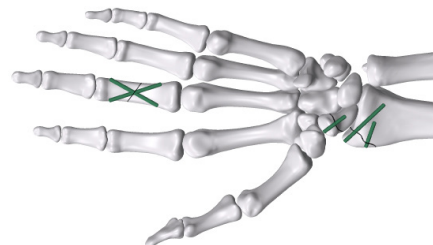
Humerus and radius fractures



Foot and ankle fractures



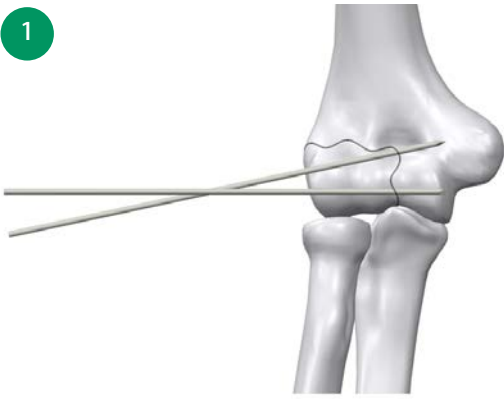
Hallux valgus osteotomy



Hand and wrist fractures

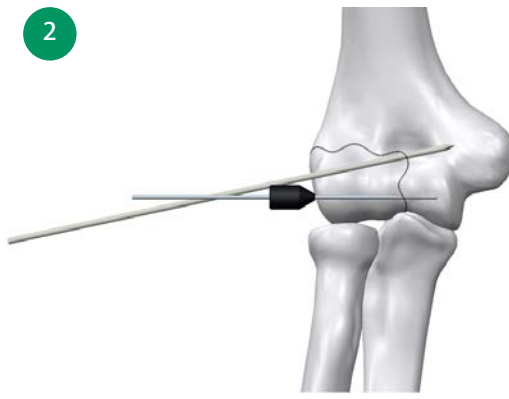
# Surgical technique – Arthroscopic Operation

1



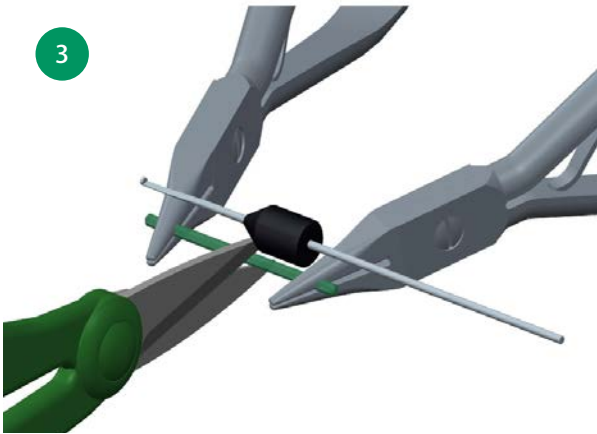
1. Reduce the fracture/osteotomy. Drill two Inion® K-wires through the bone to secure the fragments

2



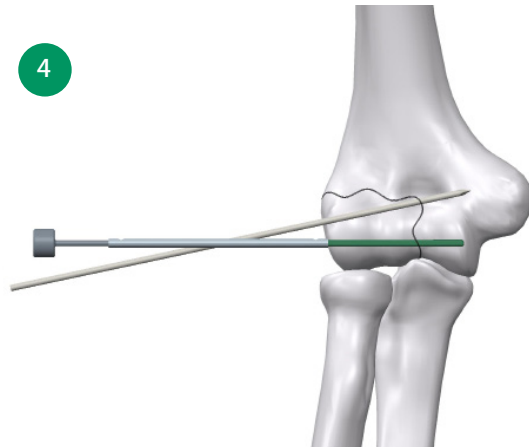
2. Remove one of the K-wires, flush and measure depth of the drill channel

3



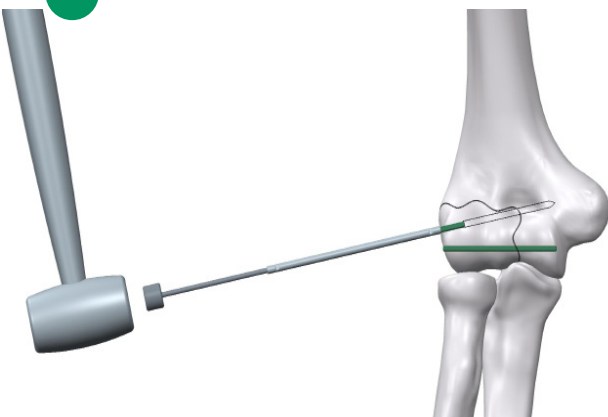
3. Select the pin diameter corresponding to the K-wire. If necessary, cut the pin to proper length using surgical scissors

4



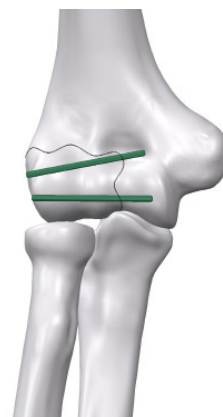
4. Replace the first K-wire with Inion FreedomPin™

5



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

6

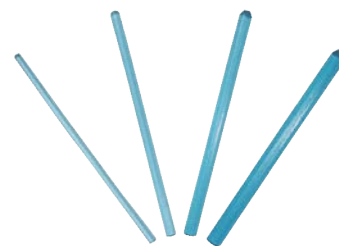


6. Close the wound and place in a post-op brace

# Ordering information

## Inion FreedomPin™

Art. No.	Description	Qty
OPA-1550	FreedomPin 1.5 x 50 mm	1
OPA-2050	FreedomPin 2.0 x 50 mm	1
OPA-2750	FreedomPin 2.7 x 50 mm	1
OPA-3250	FreedomPin 3.2 x 50 mm	1



## Inion FreedomPin™ Kit

Art. No.	Description	Qty
OPK-15K2	FreedomPin Kit Ø 1.5 mm (2 pcs)	1
OPK-20K2	FreedomPin Kit Ø 2.0 mm (2 pcs)	1
OPK-15K3	FreedomPin Kit Ø 1.5 mm (3 pcs)	1
OPK-20K3	FreedomPin Kit Ø 2.0 mm (3 pcs)	1



## Inion FreedomPin™ Instrumentation

Art. No.	Description	Qty
INS-9256	K-wire 1.5 mm	10
INS-9280	Applicator 1.5 mm	1
INS-9237	Trocar tip drill 1.5 mm	1
INS-9233	Arthroscopic tip 1.5 mm	1
INS-9235	Arthroscopic piston 1.5 mm	1
INS-9257	K-wire 2.0 mm	10
INS-9281	Applicator 2.0 mm	1
INS-9238	Trocar tip drill 2.0 mm	1
INS-9282	Arthroscopic tip 2.0 mm	1
INS-9236	Arthroscopic piston 2.0 mm	1
INS-9283	K-wire 2.7 mm	5
INS-9284	Drill bit 2.7 mm	1
INS-9285	Applicator 2.7 mm	1
INS-9286	K-wire 3.2 mm	5
INS-9287	Drill bit 3.2 mm	1
INS-9288	Applicator 3.2 mm	1
INS-9232	Arthroscopic handle	1
INS-9240	Wrench	1
ACC-9835	Instrument tray	1
HTC-0000	Low Temperature Cautery	10



## Inion FreedomPin™ Complete instrument set and tray

Art. No.	Description	Qty
ACC-9836	Complete instrument set and tray	1



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