

ACTIVE COMPRESSION

The InstaFix shape memory fixation system is body temperature activated. The use of Nitinol, a biocompatible shape memory alloy, allows dynamic compression of the InstaFix staple implant upon reaching body heat. The low-profile, S-Back design provides continuous and active bi-cortical compression at the surgical site.



A SIMPLE SYSTEM

Every aspect of the InstaFix shape memory fixation system is designed to be as simple as possible. Ergonomic, patented* instrumentation facilitates a simple procedure through design details such as an in-line drill guide that maximizes visualization during drilling, staples pre-loaded on an exclusive inserter with an integrated tamp, and a sliding-window mechanism to insert the implant.



KEY COMPONENTS

MAXIMUM VISUALIZATION

Open window provides an unobstructed view of the surgical site

MORE CONTROL

with ergonomically designed instruments

VERSATILE

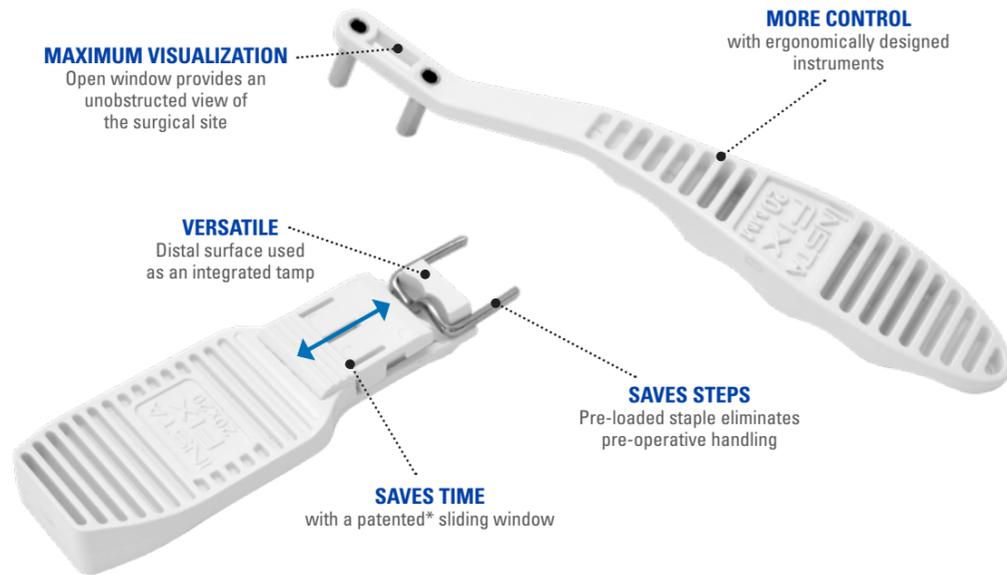
Distal surface used as an integrated tamp

SAVES STEPS

Pre-loaded staple eliminates pre-operative handling

SAVES TIME

with a patented* sliding window

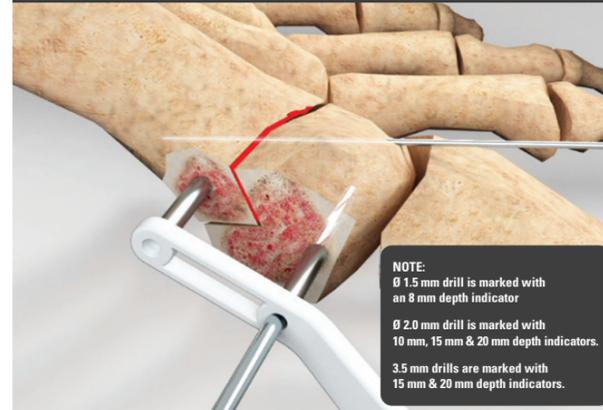


* US 8596514 B2

1

DRILL

Prepare the surgical site and use the sizer kit to determine the appropriate size staple. Keep three millimeters from either side of the joint or osteotomy. Utilizing a drill guide, the osteotomy is first drilled distally.

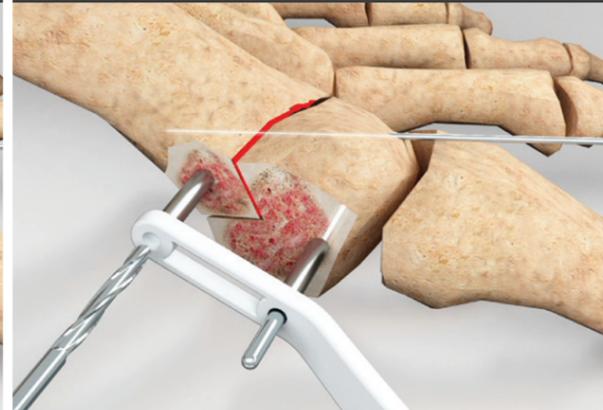


NOTE:
 Ø 1.5 mm drill is marked with an 8 mm depth indicator
 Ø 2.0 mm drill is marked with 10 mm, 15 mm & 20 mm depth indicators.
 3.5 mm drills are marked with 15 mm & 20 mm depth indicators.

2

PIN

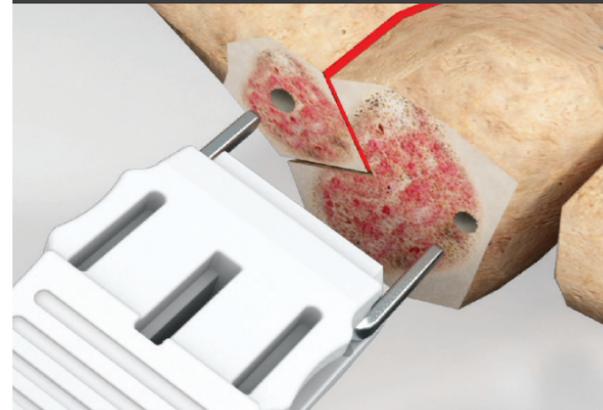
Place a pin in the distal hole to maintain position and then drill the proximal hole.



3

INSERT

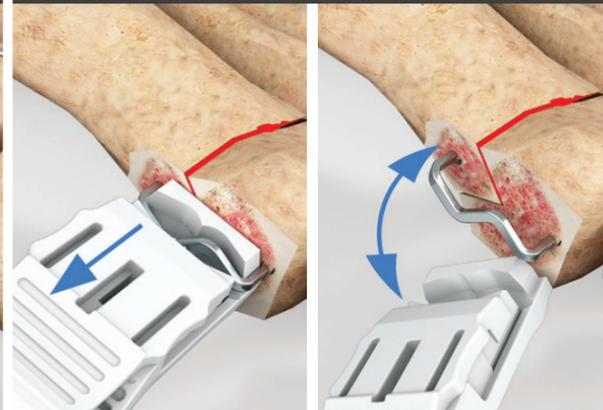
Utilizing the preloaded implant delivery device, place the staple into the predrilled holes.



4

RELEASE & PIVOT

Lift the window on the implant delivery device and pivot away from the staple.



5

SEAT

Seat the staple using either the distal end of the implant delivery device or manual pressure.



6

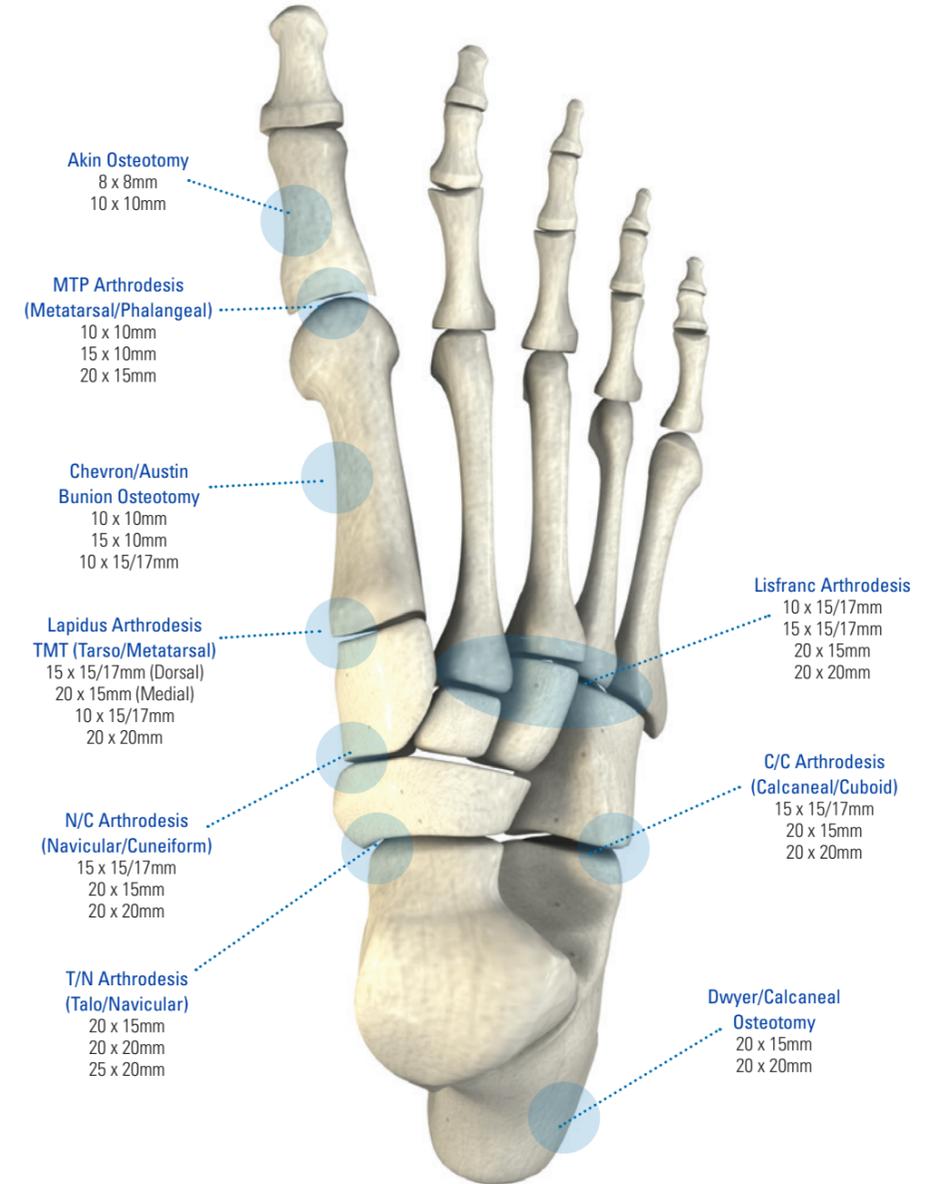
COMPLETE

Repair is complete. The body's temperature (37°C) activates the staple arms and provides active and continuous compression. Additional staples may be used if necessary.



MULTIPLE SIZES FOR MULTIPLE INDICATIONS

The InstaFix shape memory staple portfolio offers nine distinct sizes for for arthrodesis, osteotomies, and other skeletal fixation procedures.



Akin Osteotomy
 8 x 8mm
 10 x 10mm

MTP Arthrodesis
 (Metatarsal/Phalangeal)
 10 x 10mm
 15 x 10mm
 20 x 15mm

Chevron/Austin
 Bunion Osteotomy
 10 x 10mm
 15 x 10mm
 10 x 15/17mm

Lapidus Arthrodesis
 TMT (Tarsal/Metatarsal)
 15 x 15/17mm (Dorsal)
 20 x 15mm (Medial)
 10 x 15/17mm
 20 x 20mm

Lisfranc Arthrodesis
 10 x 15/17mm
 15 x 15/17mm
 20 x 15mm
 20 x 20mm

N/C Arthrodesis
 (Navicular/Cuneiform)
 15 x 15/17mm
 20 x 15mm
 20 x 20mm

C/C Arthrodesis
 (Calcaneal/Cuboid)
 15 x 15/17mm
 20 x 15mm
 20 x 20mm

T/N Arthrodesis
 (Talo/Navicular)
 20 x 15mm
 20 x 20mm
 25 x 20mm

Dwyer/Calcaneal
 Osteotomy
 20 x 15mm
 20 x 20mm

Sizes above are recommendations only and will vary according to patient anatomy.

SINGLE USE KITS

The InstaFix™ shape memory fixation system is packaged sterile with fully disposable instrumentation, reducing facility costs and time associated with pre and post-operative set management. The InstaFix™ staple portfolio includes sizes from 8x8mm to 30x20mm to accommodate a wide range of procedures.



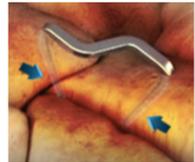
Low-profile implant design

- Helps minimize tissue disruption
- Offers unobstructed views for post-op X-rays



Body temperature activated Nitinol implant

- Instantaneous and continuous compression
- Eliminates the need for external heating
- Simple alternative to plates & screws



Bi-cortical compression when staple is implanted

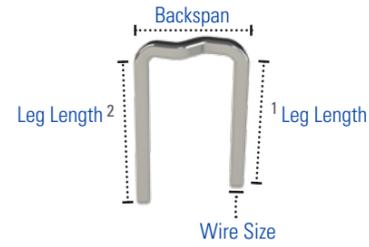
Ergonomically designed instrumentation

- In-line drill guide
- Window provides maximum visualization of surgical site



ORDERING INFORMATION

InstaFix™ Implant Kit



Implant & Accessory Kit

Catalog No.	Description	Backspan	Leg Length	Wire Size	Drill Size	Use with Accessory Kit
400-3701-SP	InstaFix™ Implant Kit	8mm	8mm	1.2mm	1.5mm	400-1115-SP
400-3703-SP	InstaFix™ Implant Kit	10mm	10mm	1.5mm	2.0mm	400-1120-SP
400-3709-SP	InstaFix™ Implant Kit	15mm	10mm	1.5mm	2.0mm	400-1120-SP
400-3715-SP	InstaFix™ Implant Kit	10mm	15/17 ² mm	1.5mm	2.0mm	400-1120-SP
400-3721-SP	InstaFix™ Implant Kit	15mm	15/17 ² mm	1.5mm	2.0mm	400-1120-SP
400-3722-SP	InstaFix™ Implant Kit	20mm	15mm	3 x 2mm	3.5mm	400-1135-SP
400-3723-SP	InstaFix™ Implant Kit	20mm	20mm	3 x 2mm	3.5mm	400-1135-SP
400-3724-SP	InstaFix™ Implant Kit	25mm	20mm	3 x 2mm	3.5mm	400-1135-SP
400-3725-SP	InstaFix™ Implant Kit	30mm	20mm	3 x 2mm	3.5mm	400-1135-SP

Accessory Kit

Catalog No.	Description	Kit Size	Use with InstaFix™ Implant Kit
400-1115-SP	InstaFix™ Accessory Kit*	1.5mm	400-3701-SP
400-1120-SP	InstaFix™ Accessory Kit*	2.0mm	400-3703-SP, 400-3709-SP, 400-3715-SP, 400-3721-SP
400-1135-SP	InstaFix™ Accessory Kit*	3.5mm	400-3722-SP, 400-3723-SP, 400-3724-SP, 400-3725-SP



Product Label

Color Dot Size Indicator



*Accessory kit contains (1) drill & (2) locating pins

Optional Sizer Kit

Catalog No.	Description
400-7777-SP	InstaFix™ Accessory Sizer Kit



Rethinking Possibilities, Reshaping Lives

3885 Arapaho Road
Addison, TX 75001
Orders: 800-456-7779
Fax: 800-390-2620
Email: customer.service@osteomed.com
www.osteomed.com

For product information, including indications, contraindications, warnings, precautions, potential adverse effects and patient counseling information, see the package insert or contact your local representative; visit www.osteomed.com for additional product information.

lower extremity fixation system



Rethinking Possibilities, Reshaping Lives