

Nitinex

NITINOL MEMORY COMPRESSION IMPLANTS



A stronger staple –
Low profile, enhanced compression

VILEX®

The Nitinex™ Compression Memory System offers a broad range of implant sizes to match patient anatomy while maintaining a low profile with flat implant bridge.



SYSTEM ADVANTAGES

- Low profile implant bridge designed to reduce soft tissue irritation in hand and foot
- A stronger, more durable compression staple
- Implant caddy offers surgeon visualization of implant during implant selection
- Complete range of implant sizes for hand and foot procedures
- Faster OR times, no instrumentation waste or disposal costs
- Calibrated stainless steel instrumentation offers surgeon greater comfort and control intraoperatively.
- Color coded instrumentation available for easier instrument identification



SURGICAL TECHNIQUE

- 1 Reduce the fracture or osteotomy. Center the drill guide over the site to determine staple size. Drill the first staple leg hole with a 2mm drill for sizes 8mm-12mm, 2.5mm for 15mm-18mm, 3mm drill for sizes 20mm-25mm to the depth marks on the bit to match staple leg length.

OPTIONAL : Measure hole with the depth gauge provided.



- 2 Insert a dowel pin into the first drilled hole. Drill the second hole and place a dowel pin in the second hole. Remove drill guide.



- 3 Load staple into the staple spreader/forcep tool. Staple is shipped in a compressed state. With the spreader tool, open the legs to the desired width and angle.



- 4 Remove the dowel pins and insert the staple legs into the pre-drilled holes until the staple is fully seated to the osteotomy site.



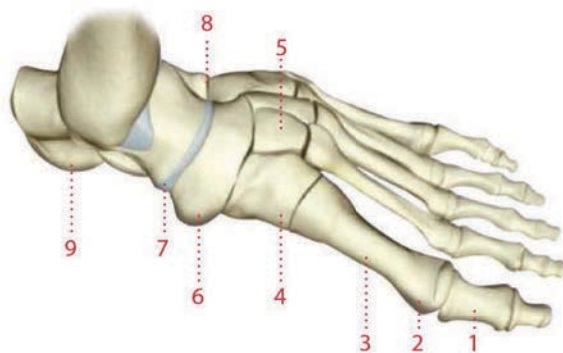
- 5 Remove spreader and tap staple into place with the tamper and complete the surgical procedure.



- 6 Ensure implant seating and visualize under flouroscopy.



Sizing by surgical procedure (approx.)



FOREFOOT Staple Size

1 Akin	8mm/10mm
2 MP Arthrodesis	15mm/18mm
3 Bunion	10mm/12mm

MIDFOOT Staple Size

4 Lapidus	18mm/20mm
Opening/Closing Wedge	15mm/18mm/20mm
Base Wedge	15mm/18mm/20mm
5 Lisfranc Arthrodesis	15mm/18mm
6 Navicular Cuneiform Fusion	15mm/18mm

REARFOOT Staple Size

7 Talar/Navicular Arthrodesis	20mm/25mm
8 Calcaneal/Cuboid Arthrodesis	20mm/25mm
9 Tibio – Tarsal Arthrodesis	20mm/25mm
(Ankle Fusion) Subtalar Arthrodesis	20mm/25mm

Implant & Drill Sizes

2.0mm

ST-080808
ST-081010
ST-101010
ST-101513
ST-101715
ST-121010
ST-121513
ST-121715
ST-121916

2.5mm

ST-151212
ST-151515
ST-181212
ST-181414
ST-181715

3.0mm

ST-201616
ST-202020
ST-251616
ST-252222

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1st and Lesser MPJ
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1st MPJ Fusion Plate



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