

Memo Staple System

Product Rationale

Superelastic Nickel-Titanium (NiTi) Alloy



OrthoSolutions 
Group

Advancing Foot & Ankle Care

Key Design Features

Ortho Solutions has designed its Memo Staple System with usability and convenience in mind.

Benefits of using the products are:

- Memo Staples do not need to be stored in a freezer
- Immediate and long lasting compression
- Wide choice of sizes enabling the staple to be used in a variety of procedures
- Unique introducer means that Memo Staples can be implanted straight from the sterile pouch which saves valuable operative time



Using the introducer

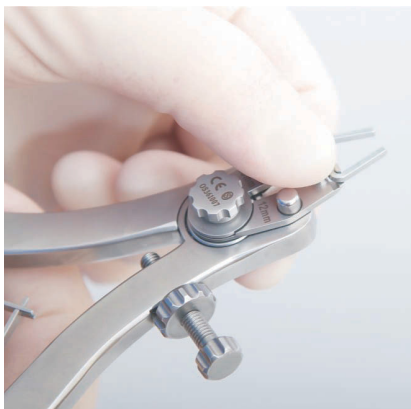
Using the unique Memo staple introducer means that the Memo staples can be implanted straight from the sterile pouch, **with no need to store in a freezer.**

To use the staple introducer

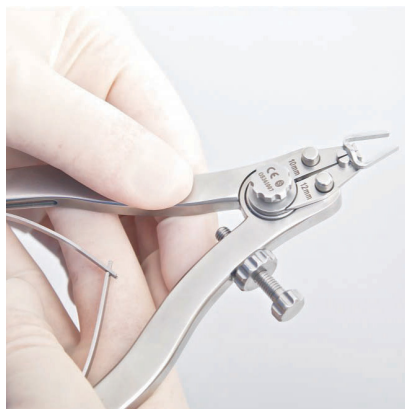
Insert staple into the introducer, ensuring that it is securely sitting in the jaws of the spreader.

Place a thumb on the staple to keep it in position and then apply pressure to the handles. This pressure will open the staple ready for insertion.

After the Memo staple has been inserted, it returns to its memory shape and provides instant compression to the site.



Thumb on staple



Staple closed



Staple open

Product detail

Memo Staple

Memo Staples

| Size (mm) | Product | Notes |
|--------------------|----------|---------------------------------|
| 10 | OS361010 | Use 2.2mm drill bit (OS200022L) |
| 12, length 13 | OS361213 | Use 2.5mm drill bit (OS200025L) |
| 12, length 14 | OS361214 | Use 2.5mm drill bit (OS200025L) |
| 12, length 15 | OS361215 | Use 2.5mm drill bit (OS200025L) |
| 12, length 16 | OS361216 | Use 2.5mm drill bit (OS200025L) |
| 12, length 17 | OS361217 | Use 2.5mm drill bit (OS200025L) |
| 12, length 13 x 15 | OS361235 | Use 2.5mm drill bit (OS200025L) |
| 12, length 14 x 16 | OS361246 | Use 2.5mm drill bit (OS200025L) |
| 12, length 15 x 17 | OS361257 | Use 2.5mm drill bit (OS200025L) |
| 12, length 16 x 18 | OS361268 | Use 2.5mm drill bit (OS200025L) |
| 12, length 17 x 19 | OS361279 | Use 2.5mm drill bit (OS200025L) |
| 20, length 13 | OS362013 | Use 2.5mm drill bit (OS200025L) |
| 20, length 15 | OS362015 | Use 2.5mm drill bit (OS200025L) |
| 20, length 17 | OS362017 | Use 2.5mm drill bit (OS200025L) |
| 20, length 19 | OS362019 | Use 2.5mm drill bit (OS200025L) |
| 20, length 21 | OS362021 | Use 2.5mm drill bit (OS200025L) |
| 20, length 23 | OS362023 | Use 2.5mm drill bit (OS200025L) |
| 20, length 25 | OS362025 | Use 2.5mm drill bit (OS200025L) |
| 20, length 12 x 15 | OS362026 | Use 2.5mm drill bit (OS200025L) |
| 20, length 14 x 17 | OS362047 | Use 2.5mm drill bit (OS200025L) |
| 20, length 16 x 19 | OS362069 | Use 2.5mm drill bit (OS200025L) |
| 20, length 18 x 21 | OS362081 | Use 2.5mm drill bit (OS200025L) |
| 20, length 20 x 23 | OS362083 | Use 2.5mm drill bit (OS200025L) |
| 25, length 15 | OS362515 | Use 2.7mm drill bit (OS200027L) |
| 25, length 20 | OS362520 | Use 2.7mm drill bit (OS200027L) |
| 25, length 25 | OS362525 | Use 2.7mm drill bit (OS200027L) |

Memo Staple system instruments

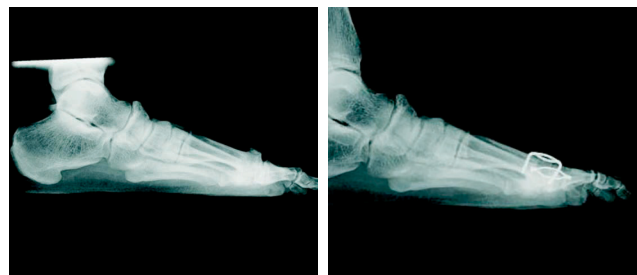
| Description | Product |
|--------------------------------------|----------|
| Sterilisation tray | OS361000 |
| 10mm/12mm template | OS361005 |
| 20mm/25mm template | OS361006 |
| 10mm & 12mm expander | OS361007 |
| 20mm & 25mm expander | OS361008 |
| Universal spreader | OS361009 |
| Compression staple drill guide 2.7mm | OS310907 |
| Compression staple impactor | OS310908 |
| Compression staple drill guide | OS310911 |
| Compression staple depth guide | OS310912 |
| Long post 2.4mm x 75mm | OS362526 |



Case study

Post-operative radiograph showing a 20mm and 25mm Memo Staple used together for a Lapidus procedure

Radiograph provided courtesy of Mr Lawrence James (FRCS Orth), Consultant Orthopaedic Surgeon, London.

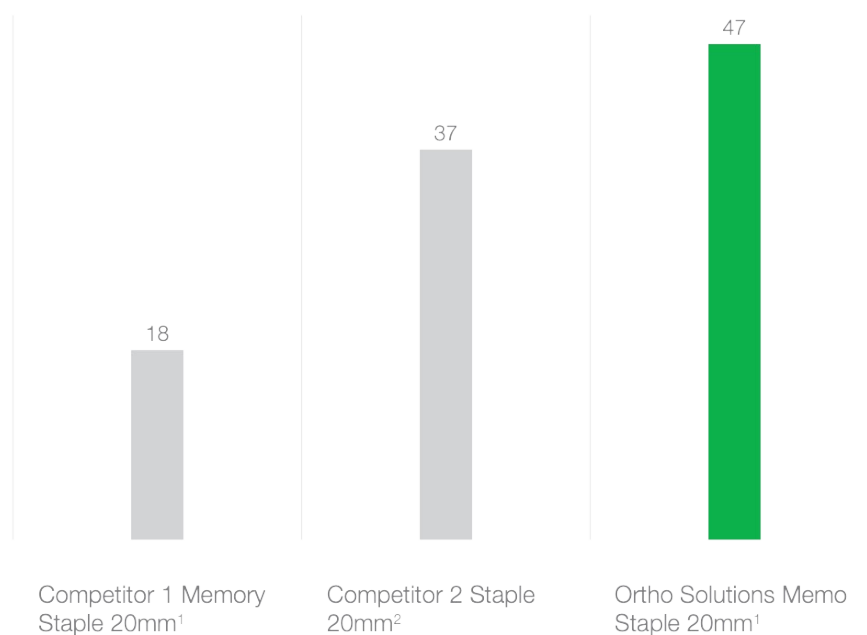


Case study

Pre-operative radiograph showing osteoarthritic changes to the first MTP joint

Post-operative radiograph demonstrating successful fusion of the first MTP joint

Staple Compression Force [N]



[1] Ortho Solutions data on file, test conducted at 37°C.

[2] Hoon QJ, Pelletier MH, Christou C, et al. Biomechanical Evaluation of Shape Memory Alloy Staples for Internal Fixation. J Experimental Ortho. 2016; 3(19).

- Launched 2009 and associated with an established and proven history of safe and effective clinical use
- The compressive force is superior to that of equivalent competitor devices
- At 37°C the Memo Staple creates a compressive force that is more than twice that of the equivalent competitor Memory staple of the same size
- Over 16,000 Memo Staple implants have been sold in the EU and US.



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Rx only

Caution: Federal Law (USA)
restricts this device to sale by
or on the order of a physician

www.orthosolutions.com

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Consult
instructions
for use

CE
2797 ²



Surgeon must be
fully trained in the
surgical technique

² CE marking and the notified body number is applied per part number and
appears on the device packaging, or the device if applicable.