



HARPOON™ Offers an elegant and user friendly solution for treating LOWER extremity fusion's eg.

Indications:

- Hammer Toes
- Claw Toes
- Mallet Toes

HARPOON™ Delivers:

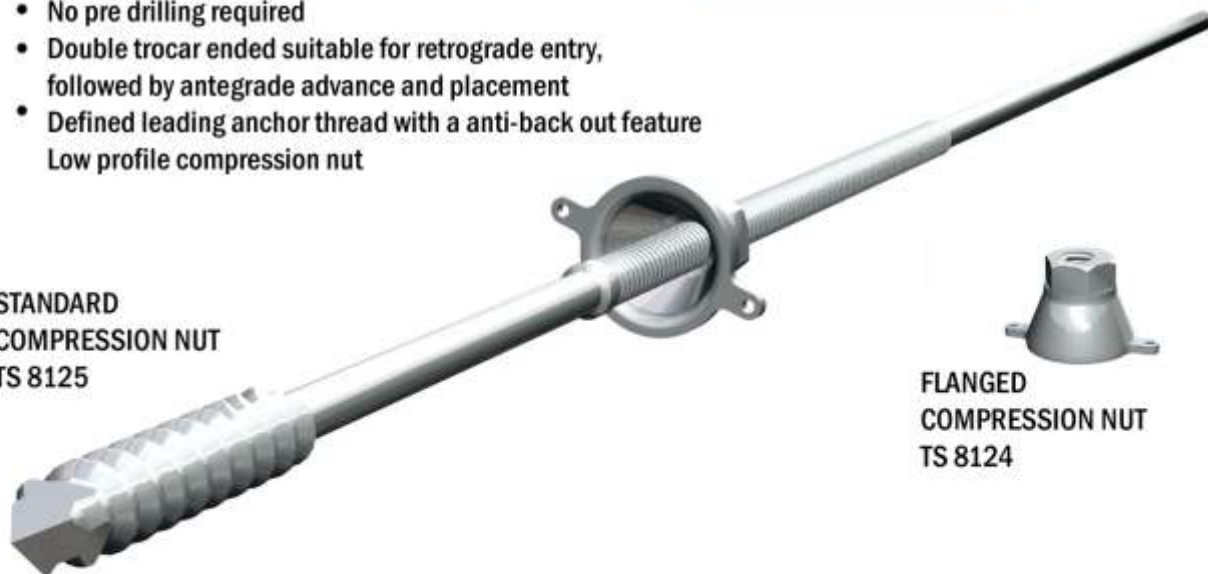
- A cost effective, custom implant
- Simple user friendly delivery technique
- Excellent per and post operative stability
- Convenient ex-theatre retrieval

HARPOON™ Offers:

- Percutaneous entry
- No pre drilling required
- Double trocar ended suitable for retrograde entry, followed by antegrade advance and placement
- Defined leading anchor thread with a anti-back out feature
- Low profile compression nut



STANDARD
COMPRESSION NUT
TS 8125



FLANGED
COMPRESSION NUT
TS 8124

FUSION SYSTEM - TS 8126

--- HARPOON™ --->
FUSION SYSTEM WITH 20mm OFFSET

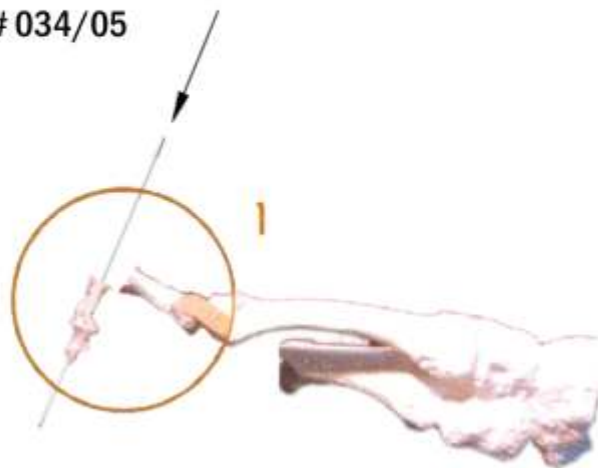


Suggested Technique: *HARPOON™* FUSION DEVICE - ST# 034/05

The surgeon will determine the appropriate incision, re-section and primary alignment of the site.

Under Image Guidance

Step 1: Remove the compression nut from the implant and attach the cannulated drill chuck to the polished un-threaded shank of the implant closest to the anchor thread ensuring not to grip the thread portions. Advance the trocar end at the non-threaded end of the implant from the resected face through the tip of the toe (Fig. 1).



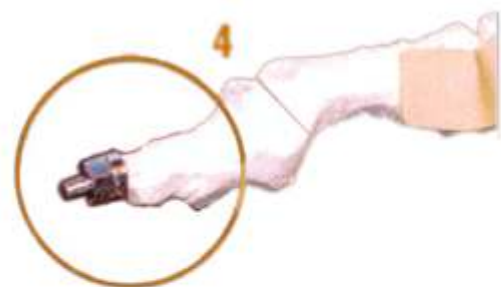
Step 2: Detach the drill and re-attach it to the retrograde insertion tip of the implant and place the drill in "Reverse Mode" and whilst in reverse mode draw the device back so that the tip of the leading anchor thread is flush with the entry point of the resected face (Fig. 2).



Step 3: Straighten and align the toe. Switch, and drill over the "Forward Mode" and begin to carefully advance the anchor thread into the proximal phalanx so that the trocar tip of the anchor thread is embedded into cortical bone (Fig. 3).



Step 4: Detach the drill and attach the compression nut to the device and using the compression tool proceed to compress the osteotomy site. Ensure that the compression nut rests and loads on the distal cortex (fig. 4).



Step 5: Finally and under fluoroscopy re-confirm the alignment, fixation and optimum compression of the osteotomy faces. Care should be taken **NOT TO OVER COMPRESS** the two resected faces. Ideally, these two faces should be in contact (Fig. 3).

Step 6: Cut the surplus implant flush with the compression nut (Fig. 4) and apply appropriate dressing and protective cover to help manage the site and encourage the healing process.

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DISTRIBUTED BY



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Manufactured in the UK

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