DePuy Synthes

PART OF THE Johnson & Johnson FAMILY OF COMPANIES

EXTRAORDINARY INNOVATION

DePuy Synthes

HAMMERTOE CCI

CONTINUOUS COMPRESSION IMPLANT

The **First** Extramedullary Continuous Compression Fixation for Hammertoe

DEPUY SYNTHES IS WITH YOU—AND YOUR PATIENTS

EVERY STEP OF THE WAY

IN THE TREATMENT
AND REPAIR OF HAMMERTOE

EXTRAORDINARY BENEFITS OF DEPUY SYNTHES HAMMERTOE CCI

Extramedullary fixation designed with Nitinol to provide continuous compression and superior rotational stability with greater distraction resistance*

Extra Stability vs Intramedullary (IM) Implants[1,2†‡]

- **More than 4X** greater rotational stability at first load
- **More than 20X** greater rotational stability at 100th load
- **More than 10X** higher distraction resistance compared to intramedullary devices
- Continuous compression maintained throughout the healing interval[3]

Intramedullary Preservation of Bone Stock[4‡]

- Avoids the bone deficit that occurs when explanting other intramedullary fixation methods

Easier, Lower-Impact Removal[4‡]

- Compared to **implanting in the intramedullary canal**, extramedullary maintains bony construct after removal and higher construct recovery

EXTRAORDINARY ADVANTAGES OF EXTRAMEDULLARY INNOVATION

	EXTRAMEDULLARY	INTRAMEDULLARY
HIGH STABILITY	✓	✗
BONE STOCK PRESERVATION	✓	✗
EASY REMOVAL	✓	✗

INDICATIONS: For small bone reconstruction and fusion of the phalanges in toes.
*Compared to IM devices, defined as implant used in the intramedullary canal, excluding wires.
†Results before and after repetitive loading.
‡Bench testing may not be indicative of clinical performance.

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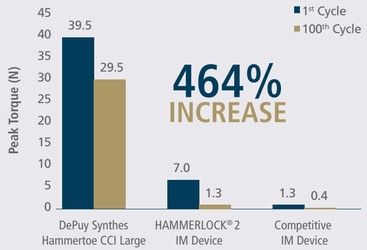
EXTRA STABILITY VS INTRAMEDULLARY IMPLANTS

Rotational Stability[1]

Designed to provide **greater rotational stability** compared to IM devices.*

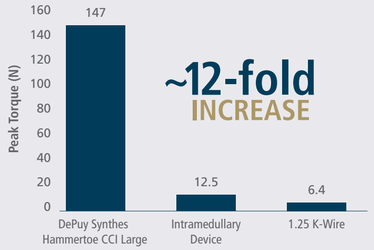
- **Minimum of 464% higher rotational stability** compared to IM devices*
- **Better maintenance of stability over time** compared to IM devices



Distraction Resistance[2]

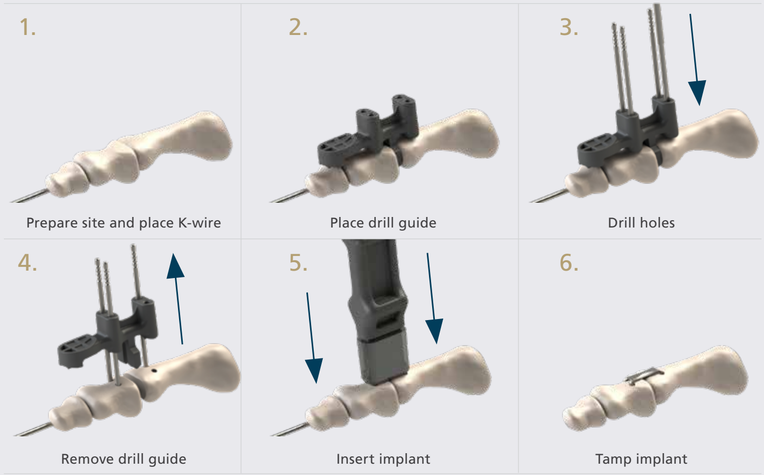
Designed to provide **higher distraction resistance** compared to IM devices* and wires.

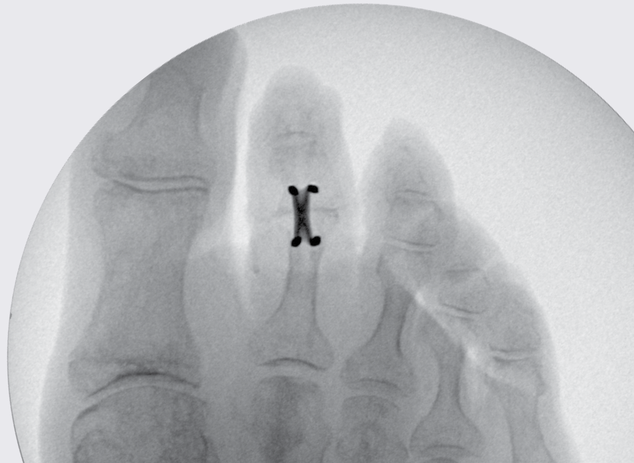
- **Considerably higher distraction resistance** compared to IM devices* and wires
- **Active compression** of the construct to maintain reduction



The DePuy Synthes Hammertoe CCI is designed to improve rotational stability and distraction resistance, potentially reducing reoperations

TECHNIQUE OVERVIEW





INSTRUMENTS

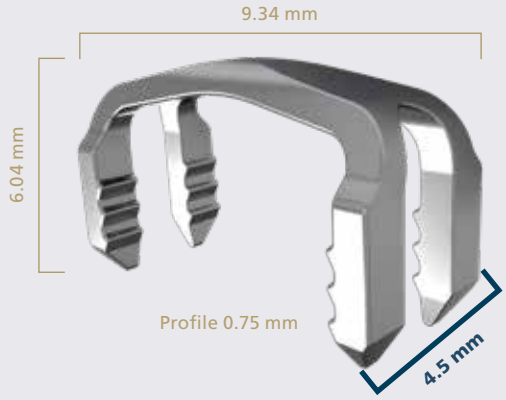




Insertion Tool	Drill Guide	K-Wire	Drilling Pin	Locator Pin
Slider tab Simple to use	Attaches with specific K-wire size chosen for fixation	Wire size used in bone fixation will determine what implant size is used	Single fluted tip Positive stop Pin driver connection Allows for proper hole visibility	Used for drill guide stability and bone alignment

STANDARD
Accommodates a 1.25-mm K-wire

LARGE
Accommodates a 1.6-mm K-wire



ORDERING INFORMATION

46.239.001
DePuy Synthes Hammertoe CCI
Standard Kit w/1.25 K-Wire

Sterile Package Kit

Contents
1 Standard Implant (pre-loaded)
1 Insertion Tool
1 Drill Guide
1 Drilling Pin
3 Locator Pins
1 K-Wire 1.25 mm

46.239.002
DePuy Synthes Hammertoe CCI
Large Kit w/1.60 K-Wire

Contents
1 Standard Implant (pre-loaded)
1 Insertion Tool
1 Drill Guide
1 Drilling Pin
3 Locator Pins
1 K-Wire 1.6 mm

References: 1. DePuy Synthes EOS Claim Rotational Stability, 2019. Ref: 114636-190520. **2.** DePuy Synthes EOS Claim Distraction Resistance, 2019. Ref: 114637-190520. **3.** DePuy Synthes EOS Claim Contentious Compression, 2019. Ref: 114635-190520. **4.** DePuy Synthes EOS Claim Simplified Implant Removal, 2019. Ref: 114640-190520.

HAMMERTOE CCI is contraindicated in comminuted bone surface that would militate against implant placement, pathologic conditions of bone such as osteopenia that would impair the ability to securely fix the implant, and where there is foreign body sensitivity to metals including nickel. Where material sensitivity is suspected, appropriate tests should be made prior to implantation.

Refer to the package insert(s) or other labeling associated with the devices identified in this sales document for additional information.

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Manufactured by:
BioMedical Enterprises, Inc.
14785 Omicron Dr., Suite 205
San Antonio, TX 78245

Manufactured or distributed by:
Synthes USA, LLC
1101 Synthes Avenue
Monument, CO 80132
www.jnjmedicaldevices.com

To order (USA): 800-523-0322