

PHANTOM[®]

HINDFOOT TTC/TC SYSTEM

PRECISION[®] Guided
TTC/TC Arthrodesis

Flex Coil

Precise and Reproducible Placement
of Ø3.0 mm Drill-Pin

Ø7.2 mm Pegs

Ø13.3 mm Distal Tapering
Across the STJ and TTJ

0° - 18° Variable Placement
of Calcaneal Threaded Peg

Up to 8 mm of Internal
Compression

Phantom[®] TTC Nail



PRECISION[®] Guide

Exclusively foot & ankle
Paragon²⁰

Phantom® System Advantages

- PRECISION® Guide Technology allows for precise and reproducible placement of the initial Drill-Pin to determine implant trajectory
- Flexible Coil Tip allows for stress-sharing within the tibia¹
- Distal end of Nail is Ø13.3 mm through the subtalar and tibiotalar joints to add strength
- Internal compression screw allows for up to 8 mm of compression
- Variable (0° - 18°) P-A Calcaneal Peg angle allows for precise placement and optimized purchase
- Ø7.2 mm headless, Threaded Pegs, in the calcaneus and across the subtalar joint for increased fixation

TTC/TC Nail Offering

PHANTOM® HINDFOOT TTC/TC SYSTEM	Type II Anodized Titanium Alloy	Length Options (mm)				
		150	175	200	250	300
Diameter Options (mm)	Ø10.0	●		●	●	●
	Ø11.5	●		●	●	●
	Ø13.0	●	●	●	●	

*Anticipated TC Nail Launch Q4 2020



150 mm
TTC Nail




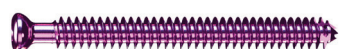

175 mm
TTC Nail

200 mm
TTC Nail

250 mm
TTC Nail

300 mm
TTC Nail

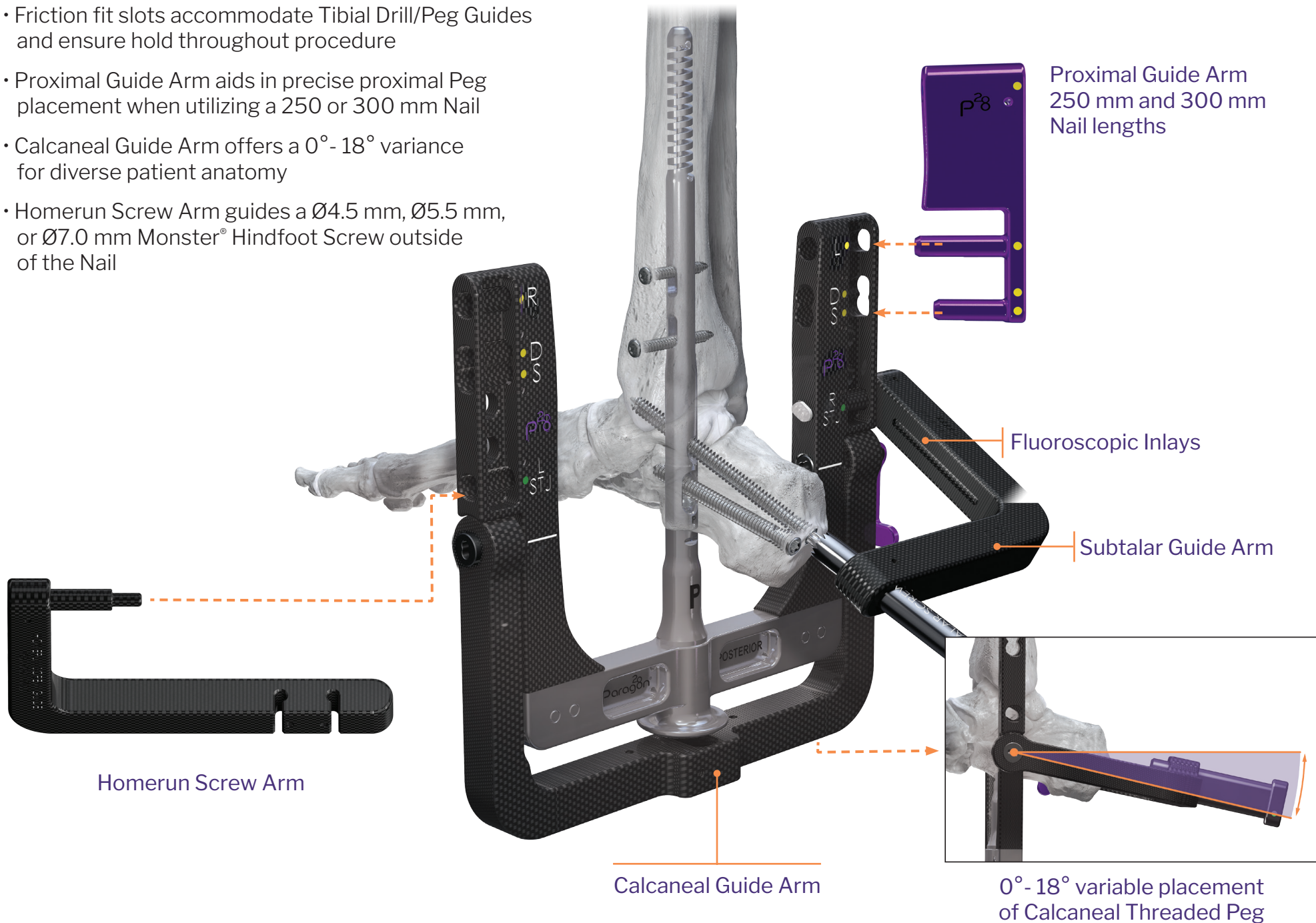
Peg and Home-Run Screw Offering

					
Diameters	Ø5.0 mm	Ø7.2 mm	Ø4.5 mm	Ø5.5 mm	Ø7.0 mm
Lengths	20 - 70 mm (2 mm increments)	45 - 120 mm (5 mm increments)	18 - 50 mm (2 mm increments) 55 - 70 mm (5 mm increments)	26 - 60 mm (2 mm increments) 65 - 90 mm (5 mm increments)	36 - 50 mm*, 72 - 90 mm (2 mm increments) 55 - 70 mm* and 95 - 130 mm (5 mm increments)
Headed	✓	—	✓	✓	✓
Headless	—	✓	✓	✓	✓
Threads	Full Threads	Full Threads	Partial and Full Threads	Partial and Full Threads	Partial and Full Threads
Placements	Tibial Nail Slots	Calcaneus Slot and STJ Hole	Homerun	Homerun	Homerun
Material	Type II Anodized Titanium Alloy		Ti64ELI		

* Select headed and headless screws

Phantom® Ghost™ Outrigger

- Rigid, radiolucent Outrigger with fluoroscopic inlays allows for visualization of Peg trajectory prior to drilling
- Friction fit slots accommodate Tibial Drill/Peg Guides and ensure hold throughout procedure
- Proximal Guide Arm aids in precise proximal Peg placement when utilizing a 250 or 300 mm Nail
- Calcaneal Guide Arm offers a 0° - 18° variance for diverse patient anatomy
- Homerun Screw Arm guides a Ø4.5 mm, Ø5.5 mm, or Ø7.0 mm Monster® Hindfoot Screw outside of the Nail



Differentiated Instrumentation

- PRECISION[®] Guide technology allows for precise and reproducible placement of the initial Ø3.0 mm Drill-Pin to determine Nail trajectory
- Parallel Offset Guide allows for placement of an additional Drill-Pin 4 mm in any direction if alternative Nail trajectory is preferred



Parallel Offset Guide



Ø13.5 mm Stepped Reamer



Flexible Reamer and Reamer Head

Reamer Heads offered in _____
Ø.5 mm increments (Ø8.0 mm - Ø14.0 mm)

- A robust offering of procedural instrumentation to address joint preparation and restoration of anatomic alignment



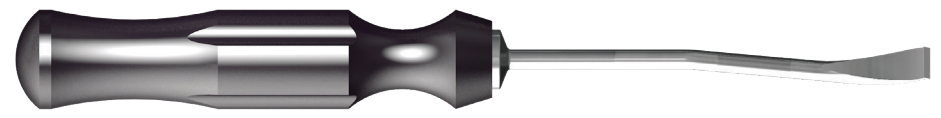
Straight 6 mm Osteotome



Bone Fenestration Perforator



Angled Curette



Honeybadger



Angled Ring Curette



Curved Bone Fenestration Chisel

PHTB-01 Rev B

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1. Internal Test Report TR-19121202

For the contraindications, potential complications and adverse reactions, warnings and precautions associated with this device, please refer to the device specific instructions for use at <http://www.paragon28.com/ifus>

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