

# ***PHANTOM™***

Phantom® TTC Trauma Nail System

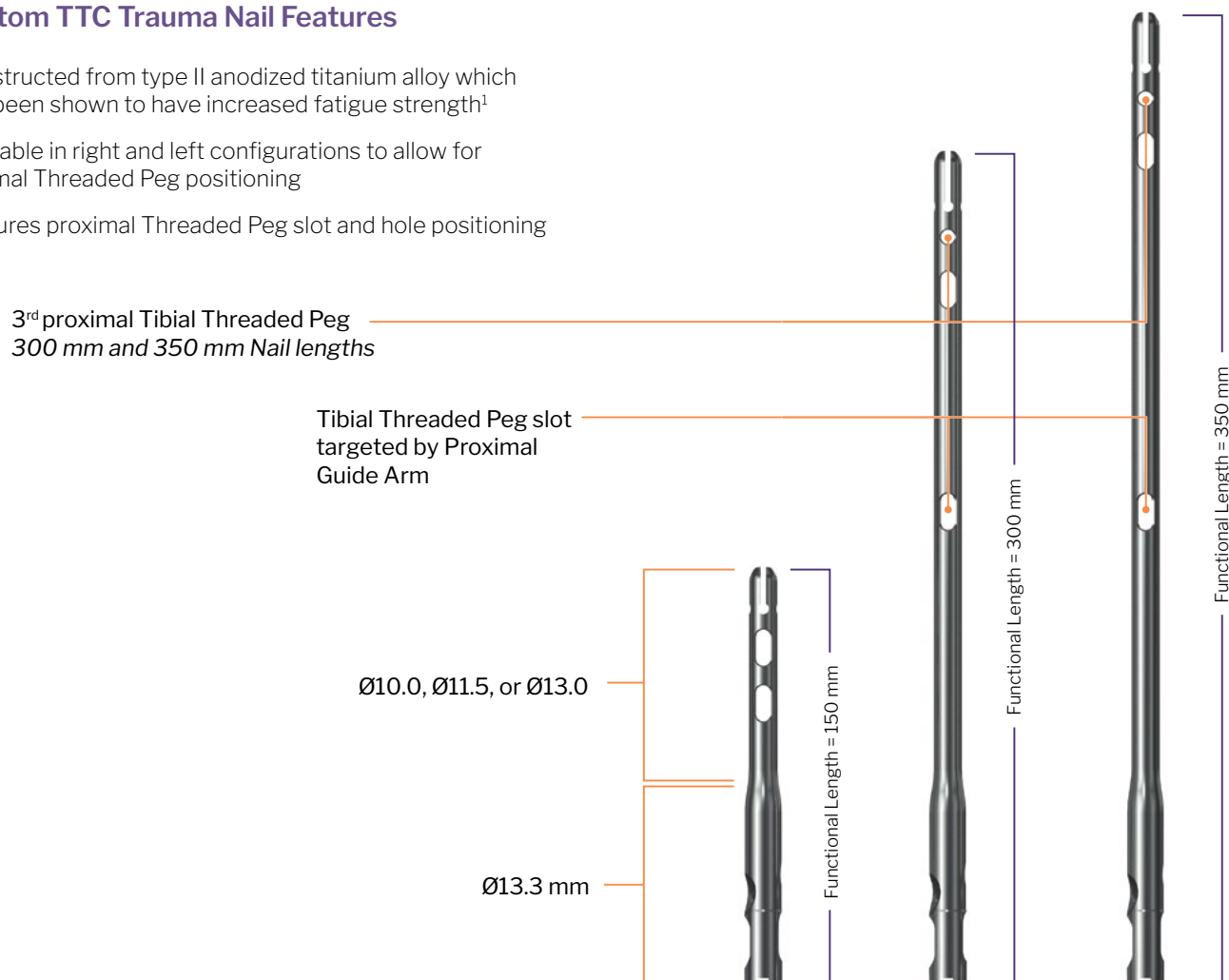


## SYSTEM ADVANTAGES

- ▶ **PRECISION® Guide Technology** for reproducible drill-pin placement and optimal implant trajectory
- ▶ **Internal Compression Screw** delivers up to 8 mm of internal compression across the tibiotalar and subtalar joints
- ▶ **Variable Calcaneal Peg Trajectory** (0°–18°) for maximized bone purchase and patient-specific anatomy
- ▶ **Robust Distal Fixation** with Ø7.2 mm headless threaded pegs and Ø13.3 mm distal flare for superior stability
- ▶ **Additional Working Length** provides improved flexibility for complex trauma cases and challenging anatomies
- ▶ **Additional Proximal Fixation** allows the nail to span tibial fractures and provide enhanced construct stability
- ▶ **Comprehensive Instrumentation** designed for efficient joint preparation and accurate implant placement

## Phantom TTC Trauma Nail Features

- ▶ Constructed from type II anodized titanium alloy which has been shown to have increased fatigue strength<sup>1</sup>
- ▶ Available in right and left configurations to allow for optimal Threaded Peg positioning
- ▶ Features proximal Threaded Peg slot and hole positioning

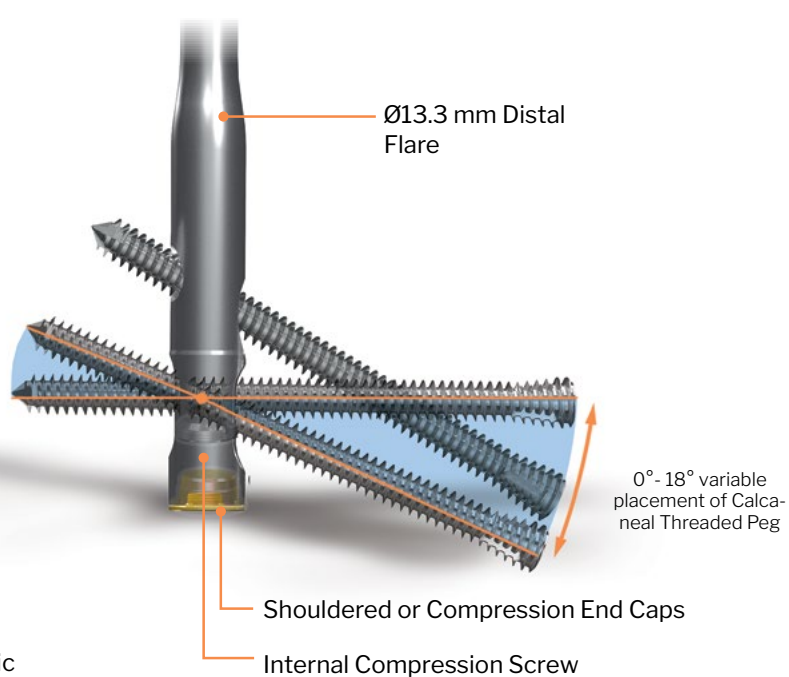
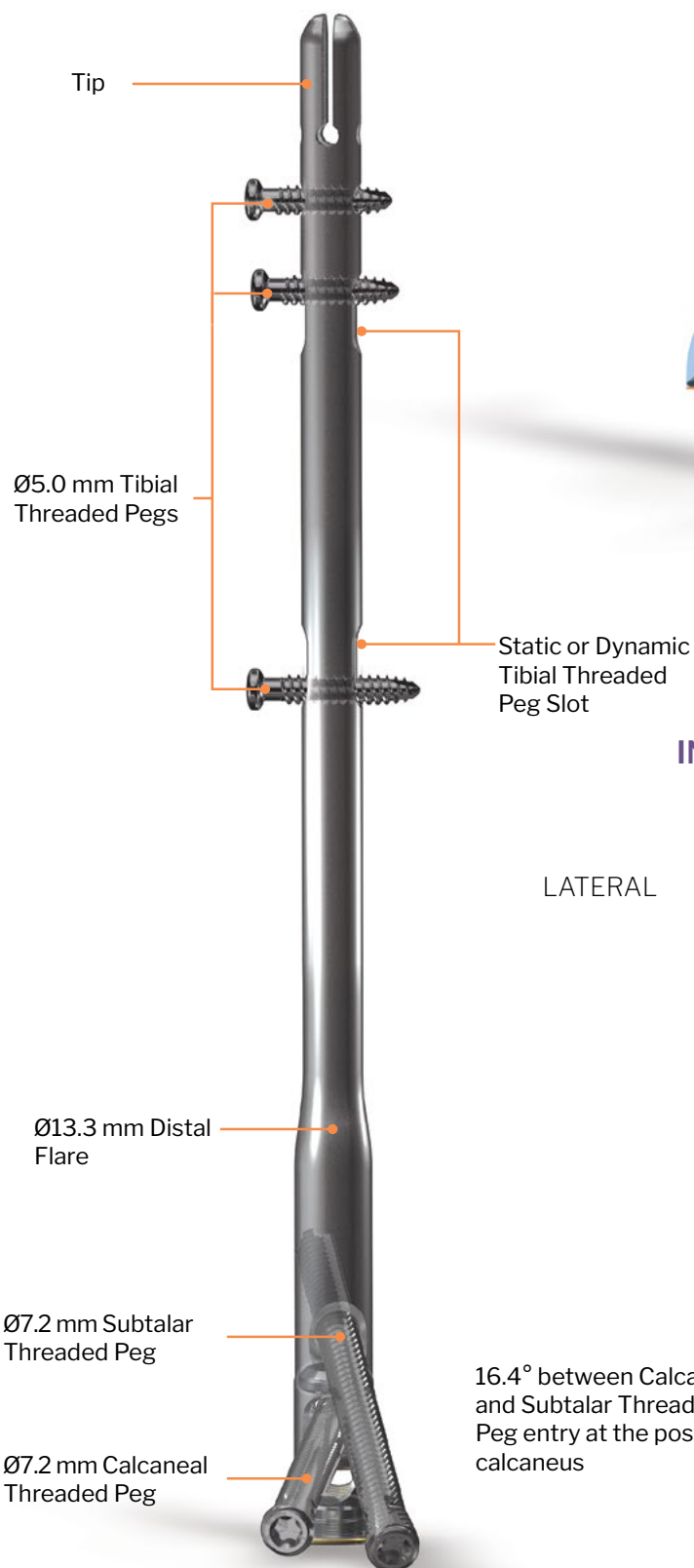


		Length Options		
		150 mm	300 mm	350 mm
Diameter options	Ø10.0 mm	●	●	●
	Ø11.5 mm	●	●	●
	Ø13.0 mm	●	●	●

## PHANTOM TTC TRAUMA NAIL FEATURES

POSTERIOR VIEW - RIGHT

MEDIAL VIEW - RIGHT

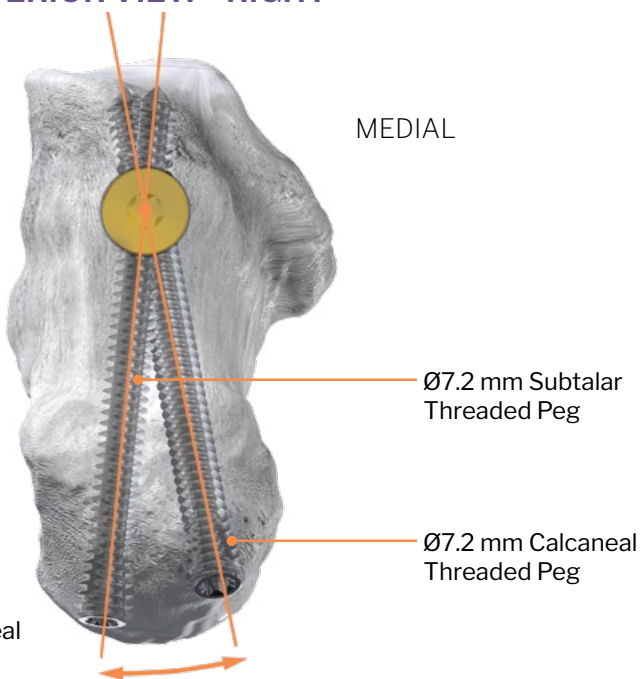


INFERIOR VIEW - RIGHT

LATERAL

MEDIAL

16.4° between Calcaneal and Subtalar Threaded Peg entry at the posterior calcaneus



# 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 of a midshaft targeted screw when utilizing the 300 mm and 350 mm TTC Trauma Nails
- ▶ 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

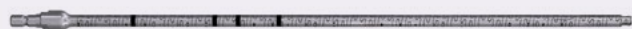
- ▶ PRECISION® Guide technology allows for precise and reproducible placement of the initial Ø3.0 mm Drill-Pin to determine nail trajectory
- ▶ Parallel Offset Guide allows for placement of an additional Drill-Pin 4 mm in any direction if alternative nail trajectory is preferred



Parallel Offset Guide



Ø13.5 mm Stepped Reamer



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

Flexible Reamer and Reamer Head

- ▶ 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

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