

Trauma

Nailing Platform



T2 Alpha



Gamma4

Intramedullary Nailing Features

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Together with our customers,
we are driven
to make healthcare better.

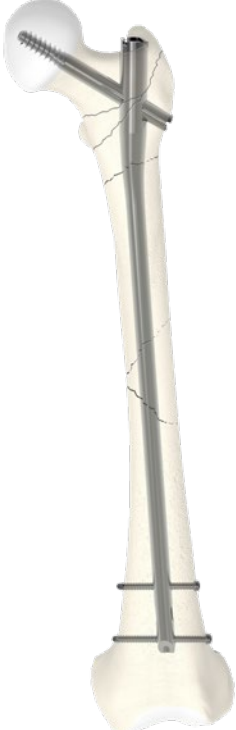
Gamma4
Trochanteric Nail



Gamma4
Intermediate Nail



Gamma4
Long Nail



T2 Alpha
Femur
Retrograde Nail



T2 Alpha Femur
Antegrade Greater
Trochanter & Piriformis
Fossa Recon Nails



T2 Alpha Tibia
Nail



Advanced Locking Screws

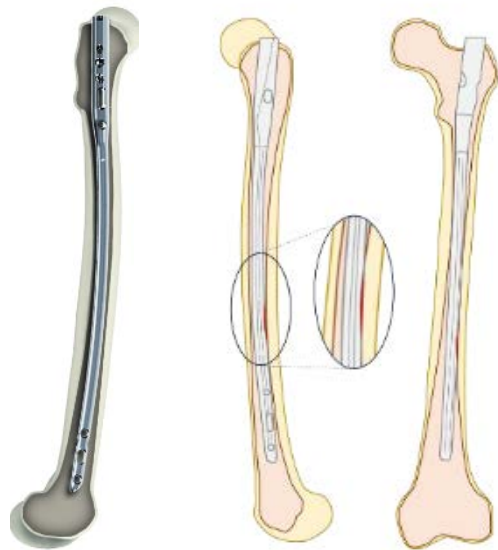
Designed with oversized threads that engage with the internal threads on the T2 Alpha/Gamma4 nails, helping to limit relative motion between nail and screw while maintaining bicortical purchase¹.

Designed to reduce toggle up to **50%** compared to T2 locking screws².

May be preferred in instances when axial stability is desired³.



SOMA Designed



Stryker Orthopedic Modeling and Analytics (SOMA) designed nails, analyzing over **6,000 CT scans** of diverse patient populations across age, gender, and ethnicities to achieve a better fitting implant^{1,10}.

Length Dependent Radius of Curvature

Mismatch of the ROC of the femur and nail is a key factor in potential anterior femoral cortical perforation, as has been confirmed in multiple studies^{5,6,7,8,9}. All of our long nails change curvature dependent on nail length, designed to create the best fitting implant¹.



Guided Targeting

T2 Alpha and Gamma4 aims to provide surgeons with a reproducible and consistent procedure for distal locking screws^{4,5}.

Designed to improve accuracy to reduce the risk of nail damage (titanium implants may fail early at regions with high stress concentration - notch sensitivity)¹⁵.



A Gamma3 clinical study showed **64%** shorter flouroscopy time than freehand locking method of perfect circles⁵.

Controlled Compression

Amount of compression depends on specific indication used in the T2 Alpha platform. Retrograde and GT/PF nails achieve up to 10mm, Tibia up to 7mm.

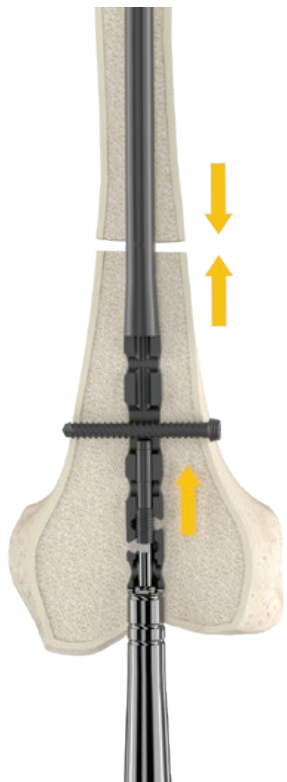
Internal Compression

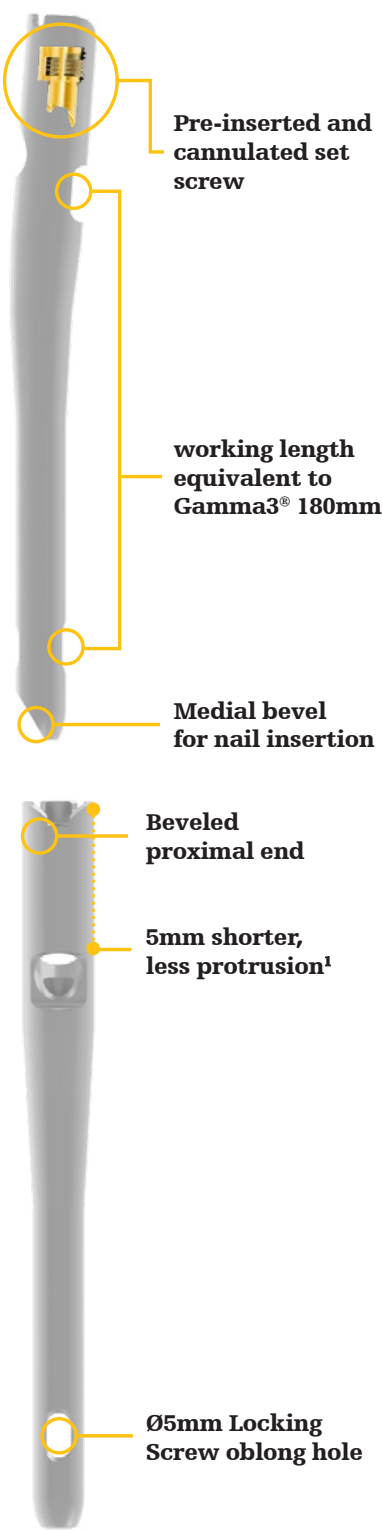
Using an internal compression screw and driver to apply controlled compression on the proximal locking screw.



External Compression

Using a compression driver device to engage the internal threads on the nail before placing the last locking screw.





1

SOMA Designed Nail

Featuring shortened proximal body, chamfered distal tip, with a pre-inserted set screw

2

Precision Pin

3.7x more resistance to pullout compared to a 3.2 K-wire¹⁴

3

Streamlined Workflow

All of our nails work out of one IMN Basic Set simplifying cross compatible instrumentation

- Reduced inventory
- Cross compatible disposables

RC Lag Screw

Rotational Control Solutions

15% higher resistance to cut out than standard lag screw¹¹,¹²

Distal Targeting Offered

Anti-Rotation Clip

- #### Trochanteric Nails

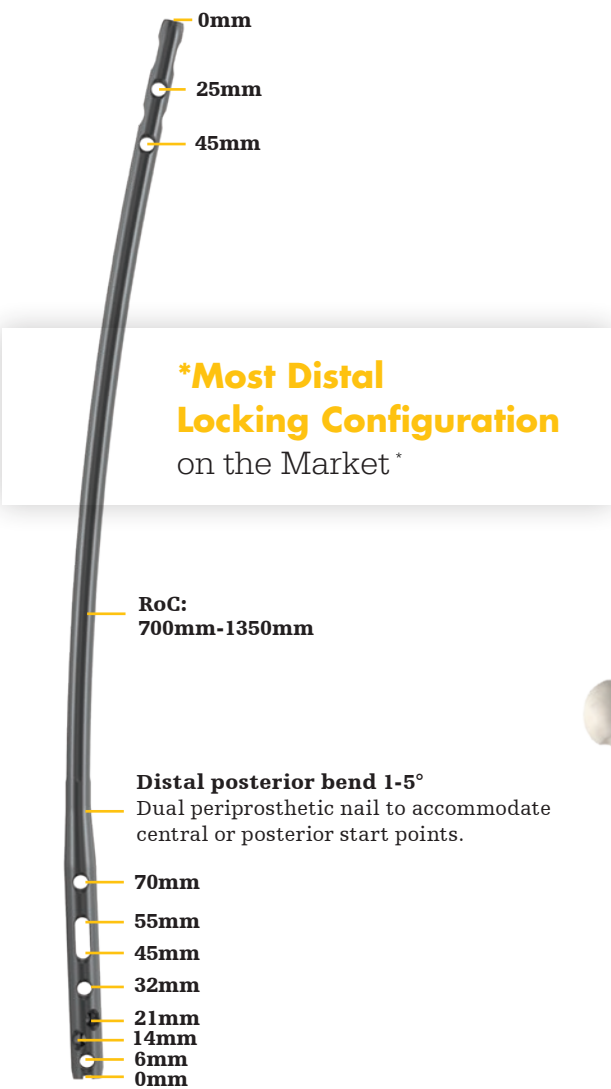
 - Diameters 9-13mm
 - All 170mm with a working length of a Gamma3 180mm nail
 - Universal
- #### Intermediate Nails

 - Diameters 9-13mm
 - All 240mm length – 2 distal locking options
 - Side specific
 - Targeted similar to a short nail
 - Round holes accept ALS (advanced locking screws)
- #### Long Nails

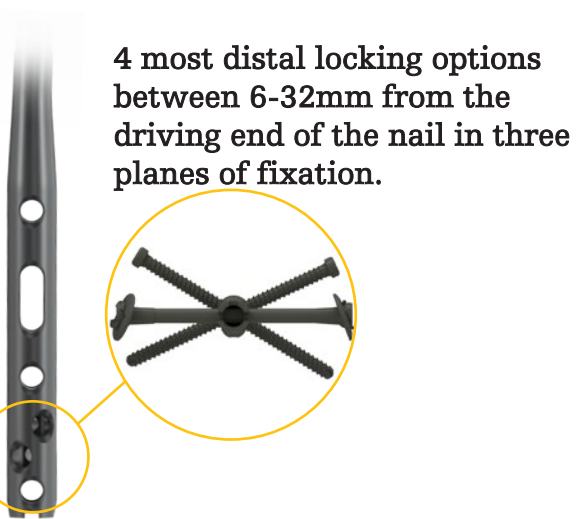
 - Diameters 9-15mm
 - Lengths 240-480mm (20mm increments)
 - Distal Targeting offered
 - Round holes accept ALS



T2 Alpha Femur Retrograde Nail



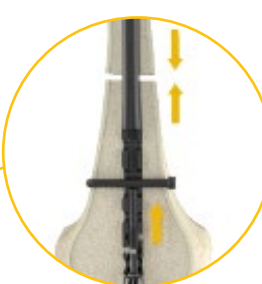
3 Planes of Fixation



Proximal Targeting Offered



Controlled Compression: 10mm



Long Nails

- Diameters 9-14mm
- Lengths 220-480mm (20mm increments)
- Condyle bolts

Short Nails

- 170mm and 200mm lengths
- Guided lateral to medial targeting
- Can be used with a hip stem



Advanced Locking Screws: Stability When You Need It²



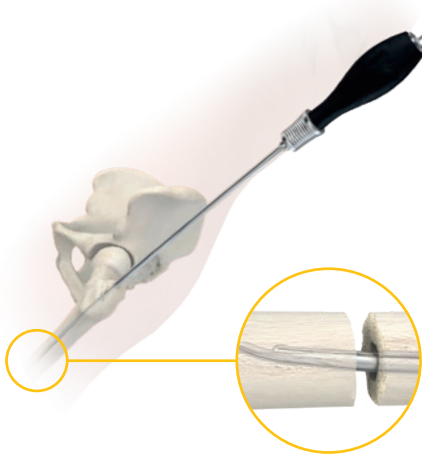
Accepted in all round locking holes

²Compared to Zimmer Natural Nail System Retrograde Femur, DePuy Synthes RFNAdvanced Retrograde Femoral Nailing System and Smith & Nephew Trigen Meta-Nail^{16,17,18}.

T2 Alpha Antegrade GT/PF Femur Nails

Reduction Instrumentation

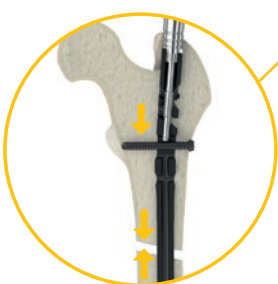
Long Reduction spatula to aid in passing guide wire through multiple fragments.



Guided Distal Targeting



Controlled Compression: 10mm



Intra-Operative Adaptability Multiple Locking Configurations



Long Nails

- Diameters 9-15mm
- Lengths 240-480 mm (20mm increments)
- Dedicated nails for GT (Greater Trochanteric) and PF (Piriformis Fossa) starting points
- Optional set screw
- Round holes accept ALS

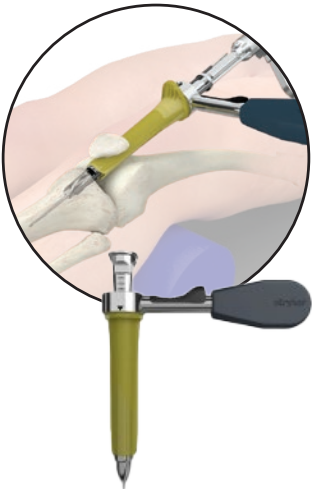
T2 Alpha Tibia Nail



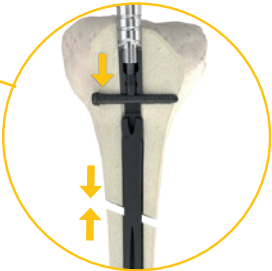
Innovative Design

Suprapatellar Instrumentation:

- Elastic sleeve protects the patellofemoral joint
- Accommodates nail sizes up to 13mm
- WCH-coated fixation wires are designed to secure the assembly to the tibial plateau, reducing the risk of anteriorization and back out of the sleeves during reaming



Controlled Compression: 7mm



Distal Targeting Offered



Long Nails

- Diameters 8-15mm
- Lengths 240-420mm (15mm increments)
- Suprapatellar and infrapatellar instrumentation offerings
- 4 points of multiplanar fixation within 46mm of proximal nail
- Round holes accept ALS

Advanced Locking Screws:

Stability when you need it²



References:

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