

R3INFORCE™

EXTRAOSSEOUS REPAIR SYSTEM



R3INFORCE™ | Extraosseous Repair System

The Grappler® R3INFORCE Extraosseous Repair System was designed to repair and reinforce the syndesmosis with a variety of anchors as well as seamlessly integrate with the Gorilla Plating System during fracture fixation cases. The breadth of anchors and compatibility with the Grappler Knotless System allows for multiple configurations for surgeons to cater their repairs to their own treatment philosophies. The Anterior Inferior Tibiofibular Ligament (AITFL), Posterior Inferior Tibiofibular Ligament (PITFL), or both ligaments can be anatomically addressed with the system.

SYSTEM OVERVIEW

The system contains two plate interacting anchors, two bone anchors, and one knotless dynamic anchor. The two plate interacting anchors which include the **ExO Ø4.2 mm x 12 mm Locking Anchor** and **ExO Screwless Locking Anchor** mate with the Gorilla fibula plates and can be used in any of the holes.

The **ExO Ø2.8 mm All-Suture Anchor** and the **ExO Ø4.5 mm Titanium Anchors** are to be used in the tibia or fibula outside of a plate. The **ExO Ø4.75 mm Dynamic Knotless Anchor** is the final anchor used during the procedure and is docked into the tibia to complete the construct in a knotless fashion.



Exo Ø4.2 mm x 12 mm Locking Anchor



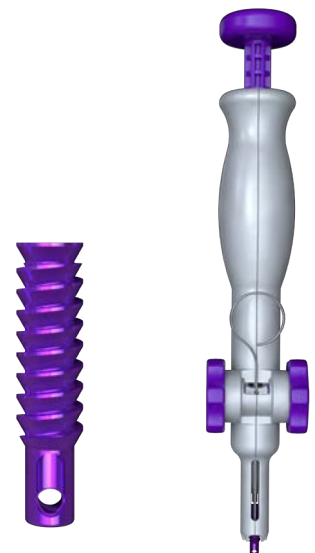
Exo Screwless Head Locking Anchor



Exo Ø2.8 mm All-Suture Anchor



Exo Ø4.5 mm Titanium Anchor

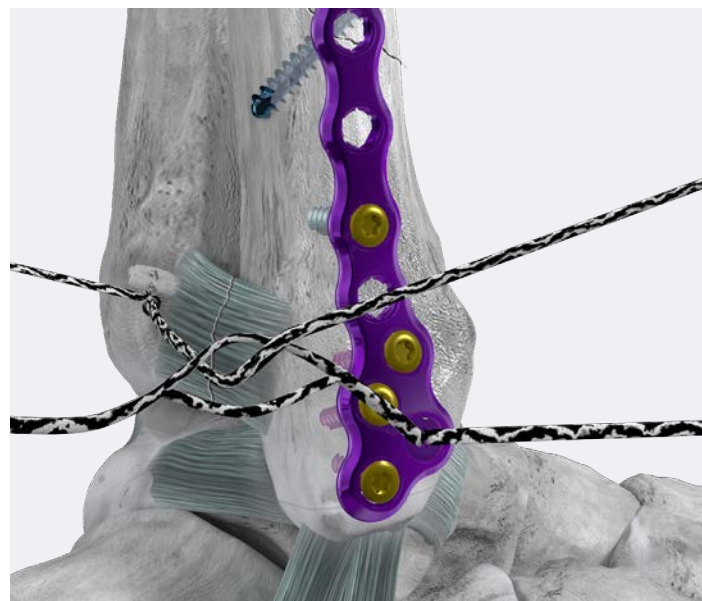


Exo Ø4.75 mm Dynamic Knotless Anchor

SYSTEM FEATURES

Exo Ø4.75 Mm Dynamic Knotless Anchor

The internal mechanism allows the tape repair to translate up to 2.5 mm under load to closer replicate the natural fibula translation and rotation that occurs during plantar and dorsiflexion of the foot.

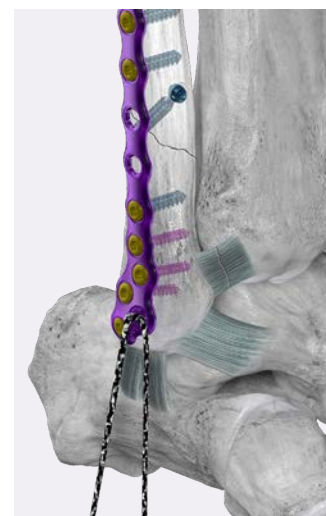
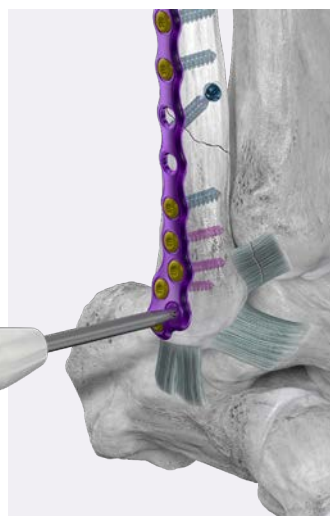


1.5 mm Passing Suture Tape

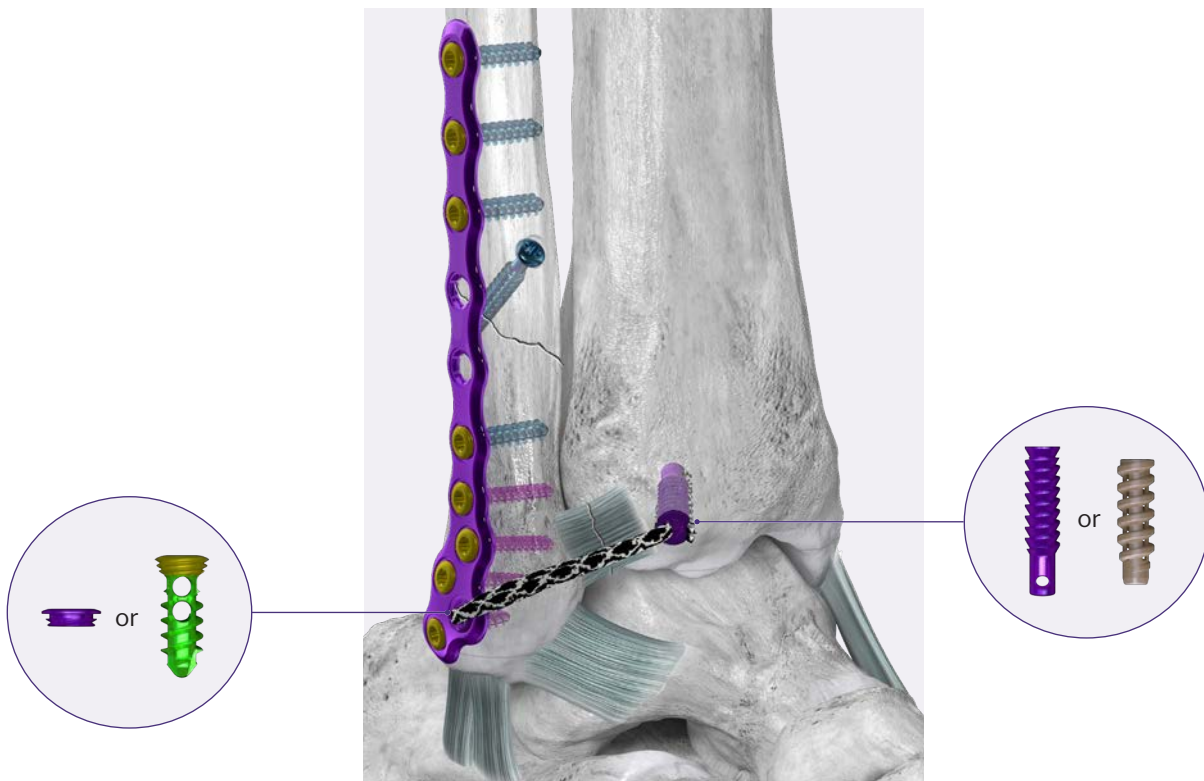
The ExO Ø4.2 mm x 12 mm Locking Anchor, ExO Screwless Locking Anchor, ExO Ø2.8 mm All-Suture Anchor, and ExO Ø4.5 mm Titanium Anchors are all loaded with a 1.5 mm Passing Suture Tape that can be used for the repair or for passing. Each end has two bifurcations to facilitate passing of suture tape through the plate anchors.

Designed for use with the Gorilla Fibula Plates

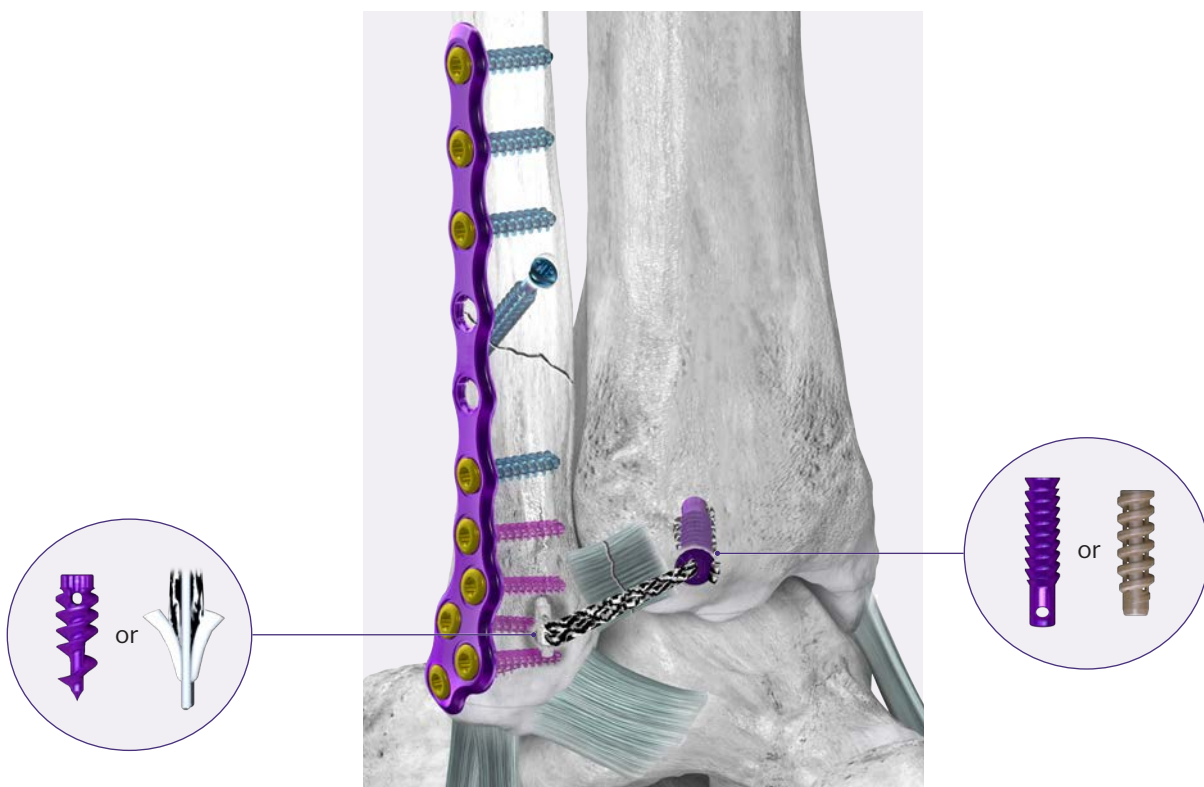
The ExO Ø4.2 mm x 12 mm Locking Anchor and ExO Screwless Locking Anchor can be added to the plate construct after testing for syndesmotic instability.



SAMPLE CONSTRUCTS

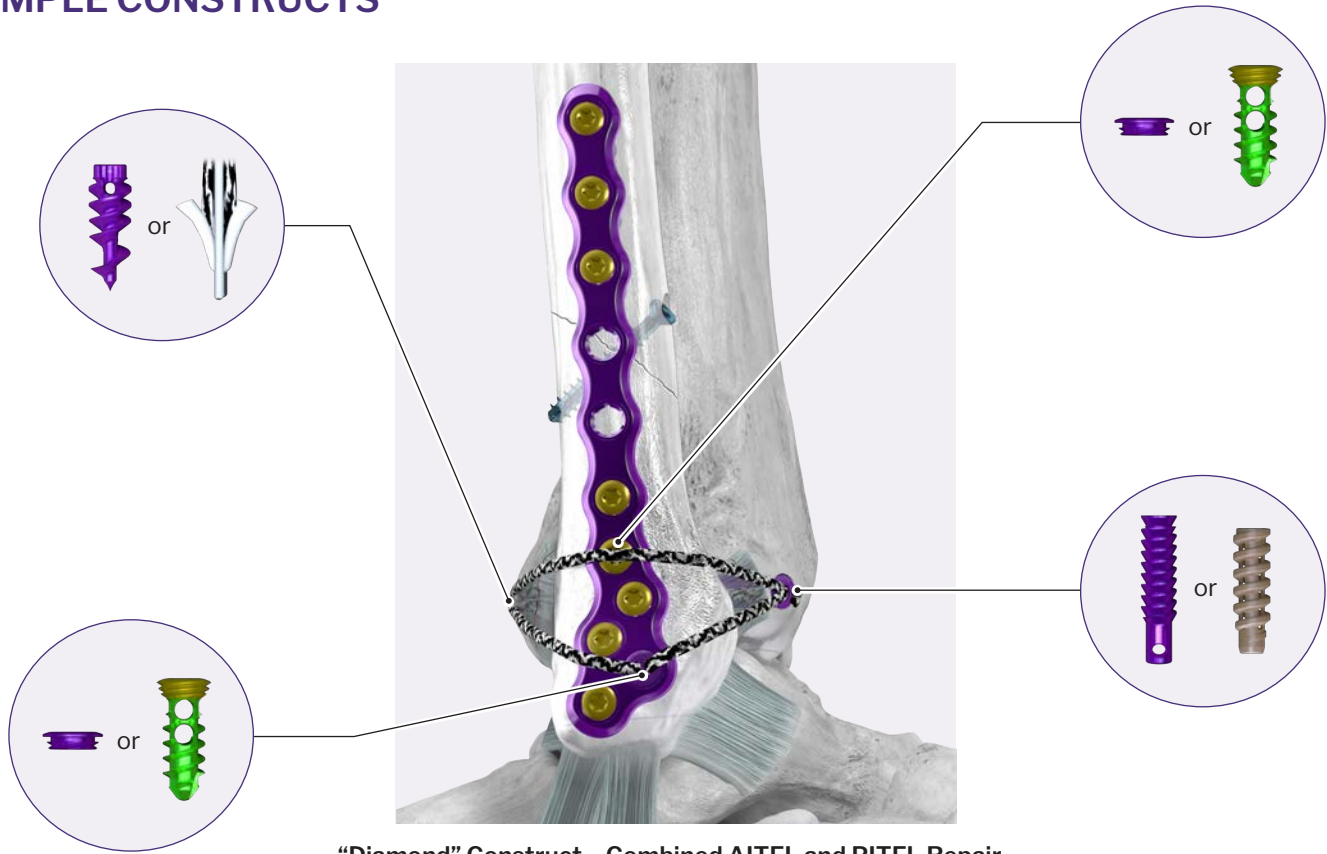


AITFL R3INFORCE Repair with a Plate



AITFL R3INFORCE Repair Outside of a Plate

SAMPLE CONSTRUCTS



"Diamond" Construct – Combined AITFL and PITFL Repair

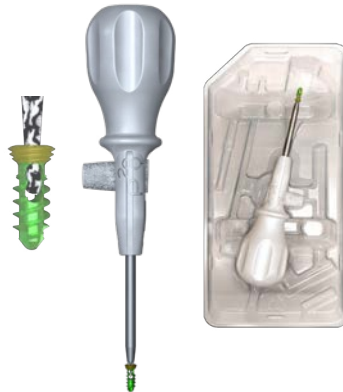
ORDERING INFO

PLATE ANCHORS

Exo Ø4.2 mm x 12 mm Locking Anchor Kit

P82-220-4212-SK

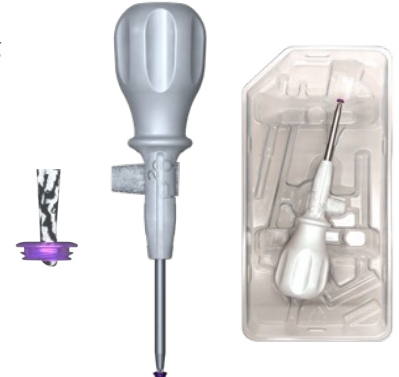
- ▶ Ø4.2 mm x 12 mm Locking Anchor, pre-loaded with 1.5 mm Passing Suture Tape on Driver



Exo Screwless Head Locking Anchor Kit

P82-230-3500-SK

- ▶ Screwless Head Locking Anchor, pre-loaded with 1.5 mm Passing Suture Tape on Driver

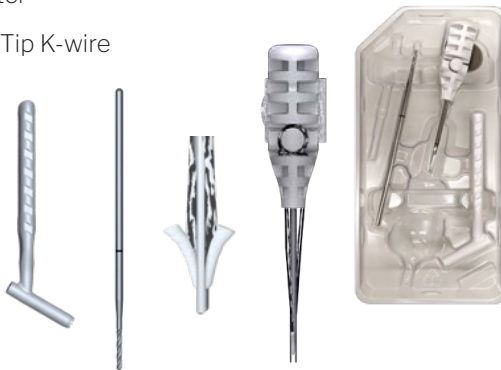


BONE ANCHORS

Exo Ø2.8 mm All-Suture Anchor Kit

P82-211-0028-SK

- ▶ Ø2.8 mm Anchor, pre-loaded with 1.5 mm Passing Suture Tape on Insertor
- ▶ Ø2.8 mm Drill Tip K-wire
- ▶ Drill Guide



Exo Ø4.5 mm Titanium Anchor Kit

P82-111-4515-SK

- ▶ Ø4.5 mm x 15mm Anchor, pre-loaded with 1.5 mm Passing Suture Tape on Insertor
- ▶ Ø2.6 mm K-wire

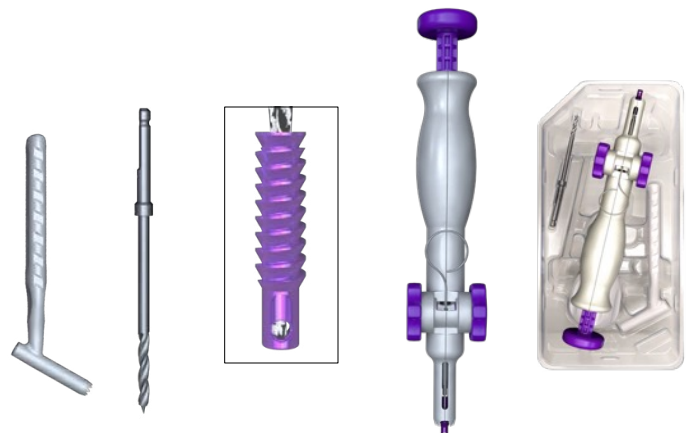


KNOTLESS ANCHOR

Exo Ø4.75 mm Dynamic Knotless Anchor Kit

P82-240-4820-SK

- ▶ Ø4.75 mm x 20 mm Dynamic Anchor, pre-loaded with Suture Passer on Insertor
- ▶ Ø3.7 mm Solid Drill
- ▶ Drill Guide




NOTES:

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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