## PIN TO BAR EXTERNAL FIXATION SYSTEM



Delta Frame

### SIMPLE, EFFICIENT, VERSATILE.

► The Monkey Bars™ Pin to Bar External Fixation System offers a patent pending single clamp system that allows for bar-to-bar or bar-to-pin construction and has a multi-hole clamp option with straight and bent posts. It includes 3, 4, and 5mm self-tapping and blunt half-pins and contains carbon fiber bars. The product is manufactured from non-ferrous materials in the United States.

### **Design Features**

- ▶ **Pins:** Self drilling/self-tapping, or blunt tipped 3, 4, and 5mm stainless steel pins produced in a variety of thread and pin lengths. Both partially threaded half pins and a centrally threaded full pin are available.
- ▶ **Clamps:** Combination clamp system that allows for pin-to-bar and bar-to-bar fixation with 360 degrees of freedom.
- ▶ **Multiple Pin Clamps:** 5-hole and/or 8-hole clamps to streamline construct creation and enhance stability
- ▶ **Posts:** 0-degree and 30-degree posts for multiple pin clamps to provide construct versatility
- ▶ Bars: Carbon fiber 11mm bars
- MRI Safe



Midshaft Tibia Frame

# **Applications**

- Ankle Delta Frame
- Ankle Bridging Frame
- Distal Tibia Shaft Frame
- Midshaft Tibia Frame
- Femur Frame
- Knee Bridging Frame





## SYSTEM COMPONENTS AND FEATURES



### **Combination Clamp:**

Combination Clamps allow for Pin-to-Bar and Bar-to-Bar fixation with 360 degrees of freedom



#### Posts:

0-degree Straight and 30-degree Angled posts for multiple Pin Clamps to provide construct versatility



8-Hole Pin Clamp



5-Hole Pin Clamp

### Multiple Pin Clamps:

5-hole and/or 8-hole Clamps to streamline construct creation and enhance stability



Carbon fiber 11mm diameter bar-length range 150mm to 500mm

Bar Sizes			
150mm	200mm	250mm P° 1111111 A 250mm	300mm
350mm P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	400mm	450mm P3 11mm x 450mm	500mm P8 11mm X 500mm

# ADDITIONAL SYSTEM INSTRUMENTATION







Calibrated Step Drill

Self-Drilling/Self-Tapping, or Blunt-Tipped 3mm, 4mm and 5mm stainless steel Pins produced in a variety of thread and Pin lengths. Both partially threaded Half Pins.

#### **Transfixation Pin:**

A centrally threaded Transfixation Pin is available.

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