



# **MONKEY BARS™**

PIN TO BAR EXTERNAL FIXATION SYSTEM

Monkey Bars Pin to Bar Constructs

Exclusively foot & ankle <sup>20</sup>  
**Paragon®**

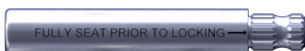
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# SYSTEM COMPONENTS AND FEATURES



## Combination Clamp:

*Combination Clamps allow for pin-to-bar and bar-to-bar fixation with 360 degrees of freedom.*



Straight



Angled

## 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 ease construct creation and stability.*









# SYSTEM COMPONENTS AND FEATURES



## Bars:

Carbon fiber 11 mm diameter bars. Length range 150 mm to 500 mm.

### Bar Sizes

150 mm		200 mm		250 mm		300 mm	
350 mm		400 mm		450 mm		500 mm	



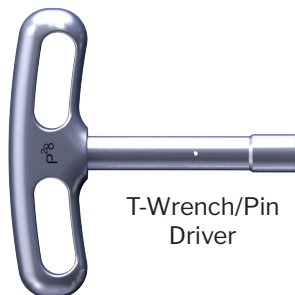
Tissue Protector  
with Handle



Tissue Protector Sleeve



Trocar



T-Wrench/Pin  
Driver



10 mm Wrench



PART #	DESCRIPTION
	<b>Half-Pins</b>
P47-210-320S	Half Pin, 3 x 20 mm, Self-Tapping
P47-210-320B	Half Pin, 3 x 20 mm, Blunt-Tipped
P47-210-420S	Half Pin, 4 x 20 mm, Self-Tapping
P47-210-420B	Half Pin, 4 x 20 mm, Blunt-Tipped
P47-210-430S	Half Pin, 4 x 30 mm, Self-Tapping
P47-210-430B	Half Pin, 4 x 30 mm, Blunt-Tipped
P47-210-535S	Half Pin, 5 x 35 mm, Self-Tapping
P47-210-535B	Half Pin, 5 x 35 mm, Blunt-Tipped
P47-210-545S	Half Pin, 5 x 45 mm, Self-Tapping
P47-210-545B	Half Pin, 5 x 45 mm, Blunt-Tipped
P47-210-555S	Half Pin, 5 x 55 mm, Self-Tapping
P47-210-555B	Half Pin, 5 x 55 mm, Blunt-Tipped
P47-210-565S	Half Pin, 5 x 65 mm, Self-Tapping
P47-210-565B	Half Pin, 5 x 65 mm, Blunt-Tipped
P47-220-5325	Transfixation Pin, 5 x 325mm, Centrally Threaded
P47-230-0525	Pin Cap, 5 mm

# CHARGE SHEET

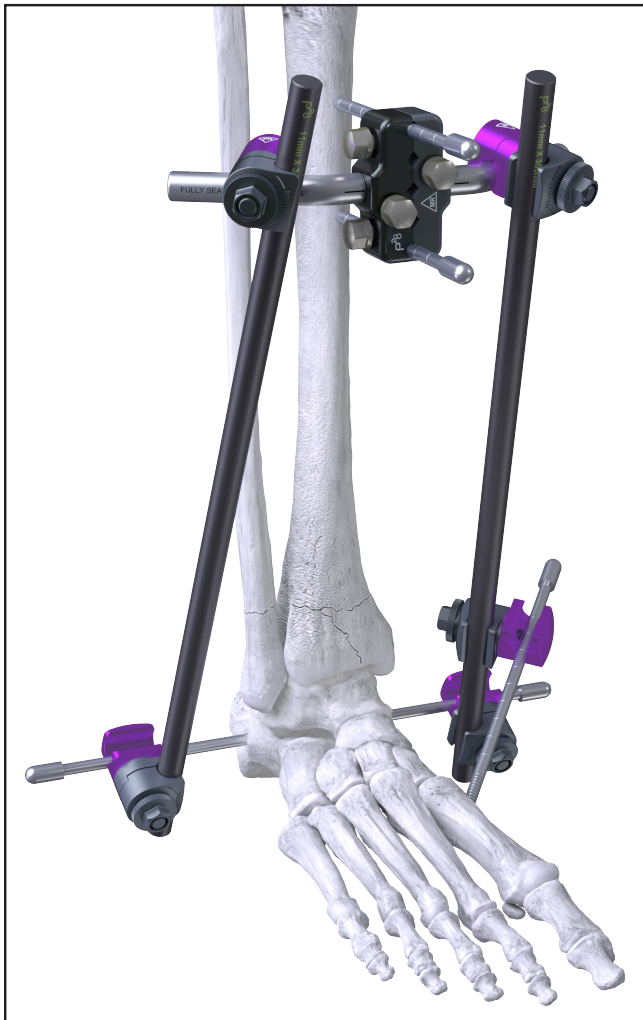
PART #	DESCRIPTION
	<b>Clamps</b>
P47-310-1105	11 mm Bar and 5 mm Pin Combination Clamp
P47-320-0005	5-Pin Multi Pin Clamp
P47-320-0008	8-Pin Multi Pin Clamp
	<b>Bars</b>
P47-410-0150	Carbon Bar, 11 mm x 150 mm
P47-410-0200	Carbon Bar, 11 mm x 200 mm
P47-410-0250	Carbon Bar, 11 mm x 250 mm
P47-410-0300	Carbon Bar, 11 mm x 300 mm
P47-410-0350	Carbon Bar, 11 mm x 350 mm
P47-410-0400	Carbon Bar, 11 mm x 400 mm
P47-410-0450	Carbon Bar, 11 mm x 450 mm
P47-410-0500	Carbon Bar, 11 mm x 500 mm

# CHARGE SHEET



PART #	DESCRIPTION
	<b>Posts</b>
P47-510-P000	Straight Post
P47-510-P030	30-Degree Post
	<b>Instruments</b>
P47-100-2414	Step Drill, 2.4 x 140 mm
P47-100-3216	Step Drill, 3.2 x 165 mm
P47-100-4020	Step Drill, 4.0 x 200 mm
P47-910-0001	Fixation Pin Drill Sleeve w/Handle
P47-920-0001	Fixation Pin Drill Sleeve
P47-930-0001	5 mm Trocar
P47-940-0001	T-Handle, AO and 10 mm Socket
P47-950-0001	10 mm Combo Wrench
	<b>Case</b>
P47-900-0001-1	Monkey Bars™ Sterilization Case Lid
P47-900-0001-2	Monkey Bars™ Sterilization Case Tray 1
P47-900-0001-3	Monkey Bars™ Sterilization Case Tray 2
P47-900-0001-4	Monkey Bars™ Sterilization Case Base

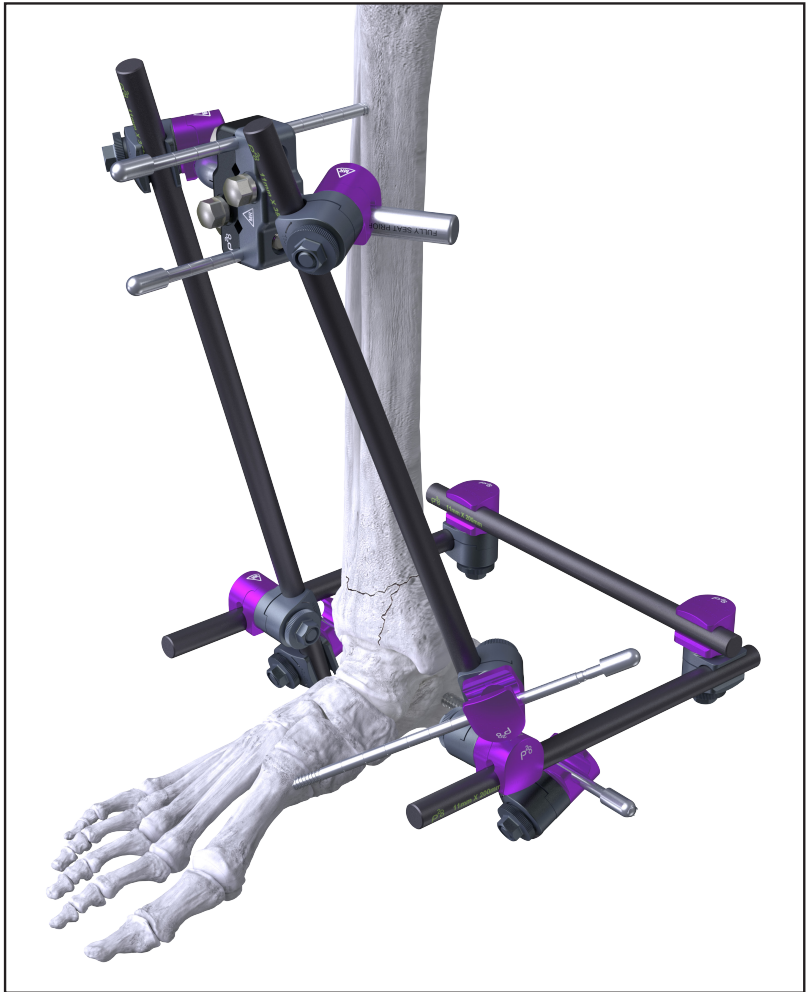
# DELTA FRAME





- ▶ Pin Multi Pin Clamp: P47-320-0005
- ▶ 30-Degree Post: X2 — P47-510-P030
- ▶ Carbon Bar: X2
- ▶ Half-Pins: X3
- ▶ Transfixation Pin, 5 x 325 mm,  
Centrally Threaded — P47-220-5325
- ▶ 11 mm Bar and 5 mm Pin Combination Clamp: X5  
P47-310-1105
- ▶ Pin Cap, 5 mm: X3 — P47-230-0525

## DELTA WITH KICKSTAND





- ▶ Pin Multi Pin Clamp — P47-320-0005
- ▶ 30-Degree Post: X2 — P47-510-P030
- ▶ Carbon Bar: X5
- ▶ Half-Pins: X3
- ▶ Transfixation Pin, 5 x 325 mm,  
Centrally Threaded — P47-220-5325
- ▶ 11 mm Bar and 5 mm Pin Combination  
Clamp: X9 P47-310-1105
- ▶ Pin Cap, 5 mm: X3 P47-230-0525

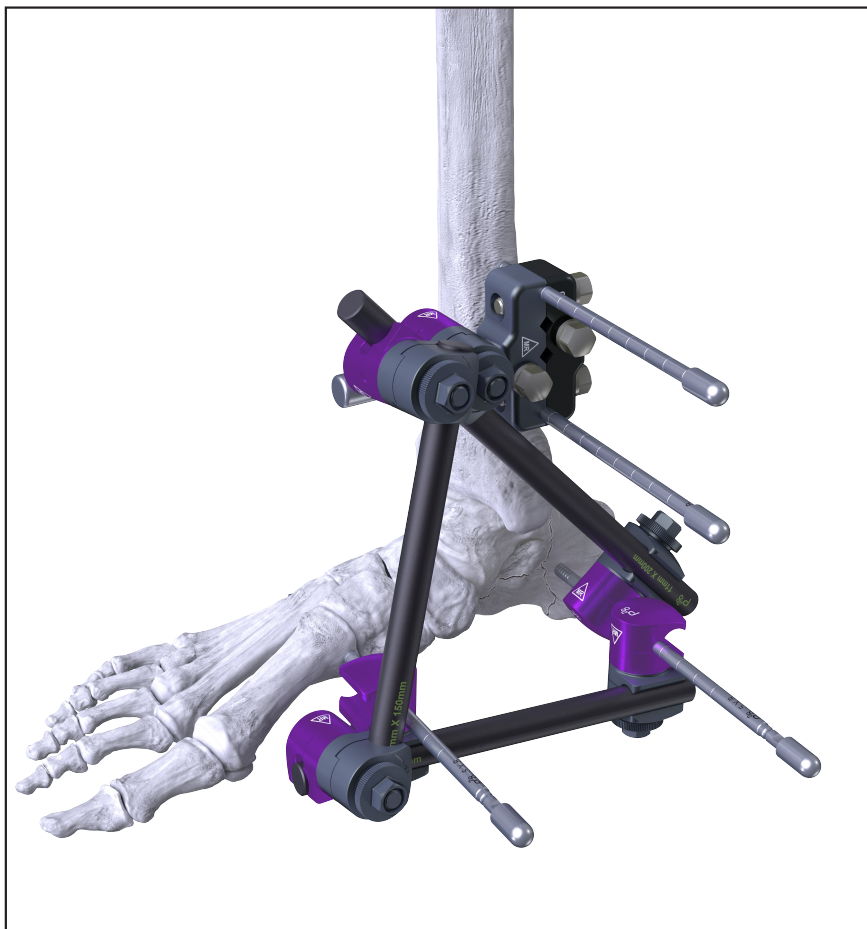
## MID TIBIA FRAME





- ▶ Pin Multi Pin Clamp: X2 — P47-320-0005
- ▶ 30-Degree Post: X4 — P47-510-P030
- ▶ Carbon Bar: X2
- ▶ Half-Pins: X4
- ▶ 11 mm Bar and 5 mm Pin Combination Clamp: X4 — P47-310-1105
- ▶ Pin Cap, 5 mm: X4 — P47-230-0525

# MEDIAL CALC FRACTURE FRAME





- ▶ Pin Multi Pin Clamp: X1 — P47-320-0005
- ▶ Straight Post — P47-510-P000
- ▶ Carbon Bar: X3
- ▶ Half-Pins: X4
- ▶ 11 mm Bar and 5 mm Pin Combination Clamp: X6 — P47-310-1105
- ▶ Pin Cap, 5 mm: X4 — P47-230-0525

# CALC FRACTURE FRAME

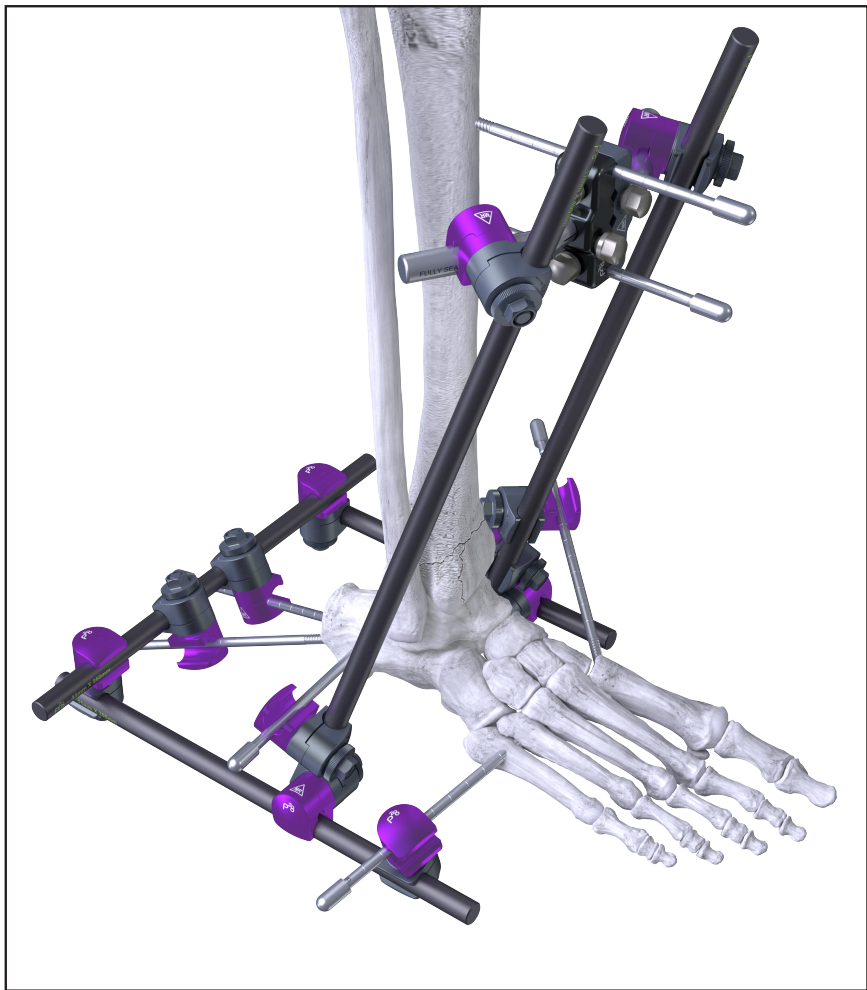


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- ▶ Pin Multi Pin Clamp: X1 — P47-320-0005
- ▶ 30-Degree Post: X1 — P47-510-P030
- ▶ Carbon Bar: X3
- ▶ Half-Pins: X4
- ▶ 11 mm Bar and 5 mm Pin Combination Clamp: X6 — P47-310-1105
- ▶ Pin Cap, 5 mm: X4 — P47-230-0525

# DAMAGE CONTROL ANKLE SPANNING FRAME



## DAMAGE CONTROL ANKLE SPANNING FRAME



- ▶ Pin Multi Pin Clamp — P47-320-0005
- ▶ 30-Degree Post: X2 — P47-510-P030
- ▶ Carbon Bar: X5
- ▶ Half-Pins: X7
- ▶ 11 mm Bar and 5 mm Pin Combination Clamp: X11 — P47-310-1105
- ▶ Pin Cap, 5 mm: X7 — P47-230-0525

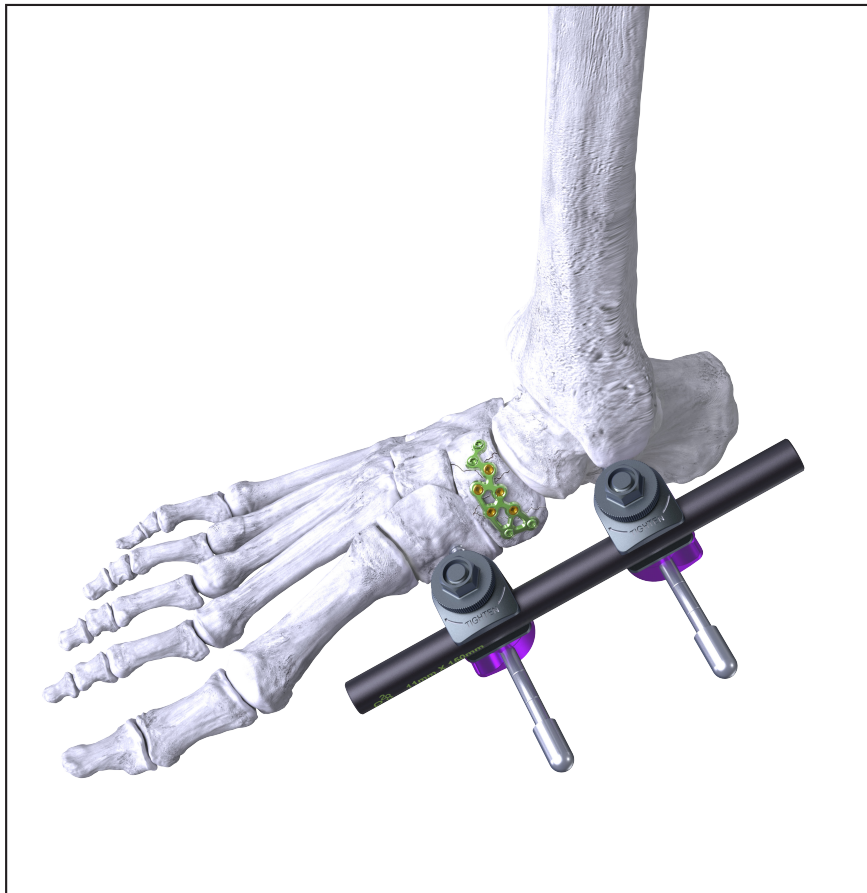
# CUBOID FRACTURE SPANNING FRAME





- ▶ Carbon Bar
- ▶ Half-Pins: X2
- ▶ 11 mm Bar and 5 mm Pin Combination  
Clamp: X2 — P47-310-1105
- ▶ Pin Cap, 5 mm: X2 — P47-230-0525

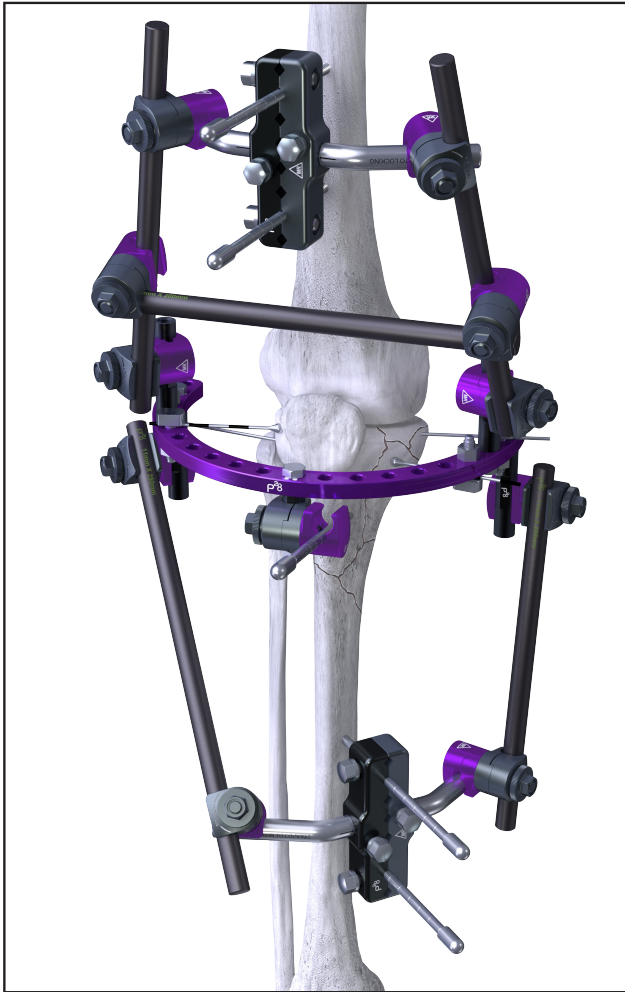
# NAVICULAR FRACTURE SPANNING FRAME





- ▶ Carbon Bar
- ▶ Half-Pins: X2
- ▶ 11 mm Bar and 5 mm Pin Combination  
Clamp: X2 — P47-310-1105
- ▶ Pin Cap, 5 mm: X2 — P47-230-0525

# HYBRID TIBIAL PLATEAU FRAME





- ▶ Pin Multi Pin Clamp — P47-320-0005
- ▶ Pin Multi Pin Clamp — P47-320-0008
- ▶ 30-Degree Post: X4 — P47-510-P030
- ▶ Carbon Bar: X5
- ▶ Half-Pins: X5
- ▶ 11 mm Bar and 5 mm Pin Combination Clamp: X11 — P47-310-1105
- ▶ Pin Cap, 5 mm: X5 — P47-230-0525

- 
- ▶ MONKEY RINGS PNS
  - ▶ 5/8 Ring
  - ▶ Reduction Wire Ø1.8 x 400 mm: X2  
P45-195-1840

# SPANNING STANDARD





- ▶ Pin Multi Pin Clamp — P47-320-0005
- ▶ Pin Multi Pin Clamp — P47-320-0008
- ▶ 30-Degree Post: X4 — P47-510-P030
- ▶ Carbon Bar: X5
- ▶ Half-Pins: X4
- ▶ 11 mm Bar and 5 mm Pin Combination Clamp: X8 — P47-310-1105
- ▶ Pin Cap, 5 mm: X4 — P47-230-0525

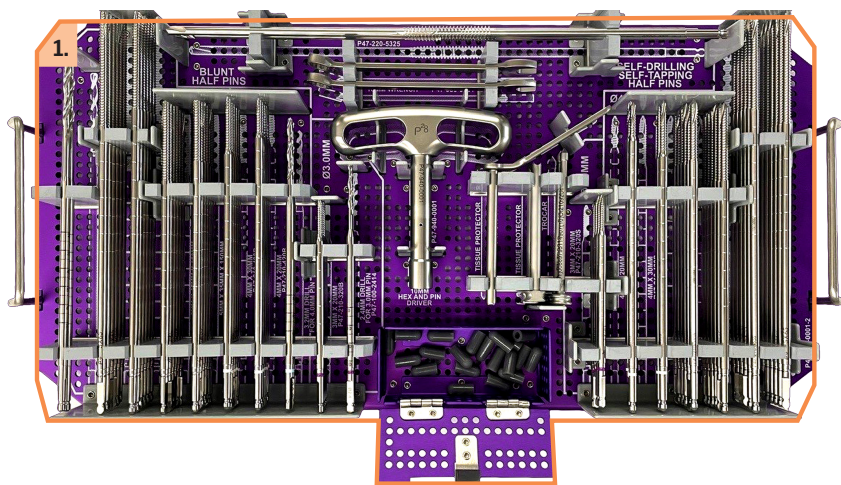
# FEMUR FRAME





- ▶ Pin Multi Pin Clamp — P47-320-0005
- ▶ Pin Multi Pin Clamp — P47-320-0008
- ▶ 30-Degree Post: X4 — P47-510-P030
- ▶ Carbon Bar: X2
- ▶ Half-Pins: X4
- ▶ 11 mm Bar and 5 mm Pin Combination Clamp: X4 — P47-310-1105
- ▶ Pin Cap, 5 mm: X4 — P47-230-0525

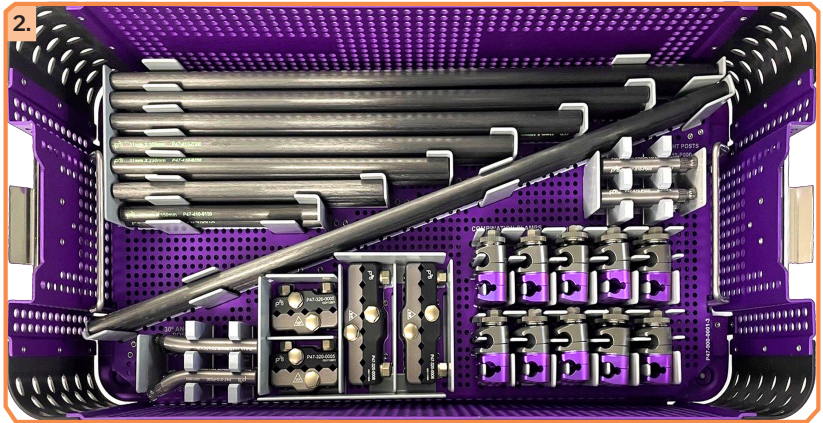
# MONKEY BARS® EXTERNAL FIXATION CADDY AND CASE



## 1. Monkey Bars™ Caddy

The Monkey Bars™ External Fixation System instrument Caddy contains Calibrated Step Drills, Transfixation Pin, Half-Pins, Trocar, Tissue Protector Sleeve, Tissue Protector with Handle, 100 mm Wrench, T-Wrench/Pin Driver and 5 mm Pin Caps.

# MONKEY BARS® EXTERNAL FIXATION CADDY AND CASE



## 2. Monkey Bars™ Case

The Monkey Bars™ External Fixation System Case contains Bars, 5- and 8-Hole Multiple Pin Clamps, Posts (angled and 30-degree) and Combination Clamps.



# **MONKEY BARS™**

**PIN TO BAR EXTERNAL  
FIXATION SYSTEM**



# MONKEY BARS™

PIN TO BAR EXTERNAL FIXATION SYSTEM

## Monkey Bars Pin to Bar Constructs



MKBS-FB-0001 Rev A  
2023-05-19

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