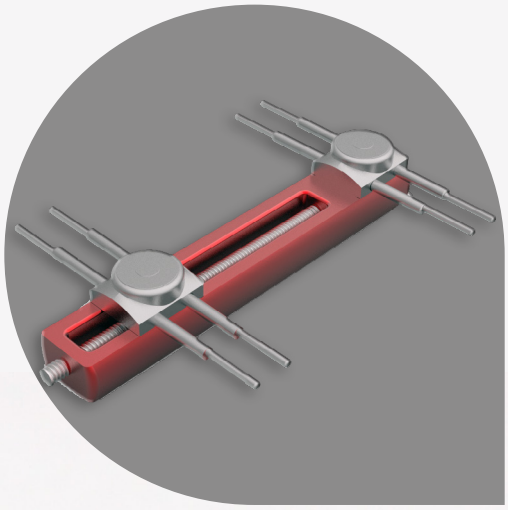
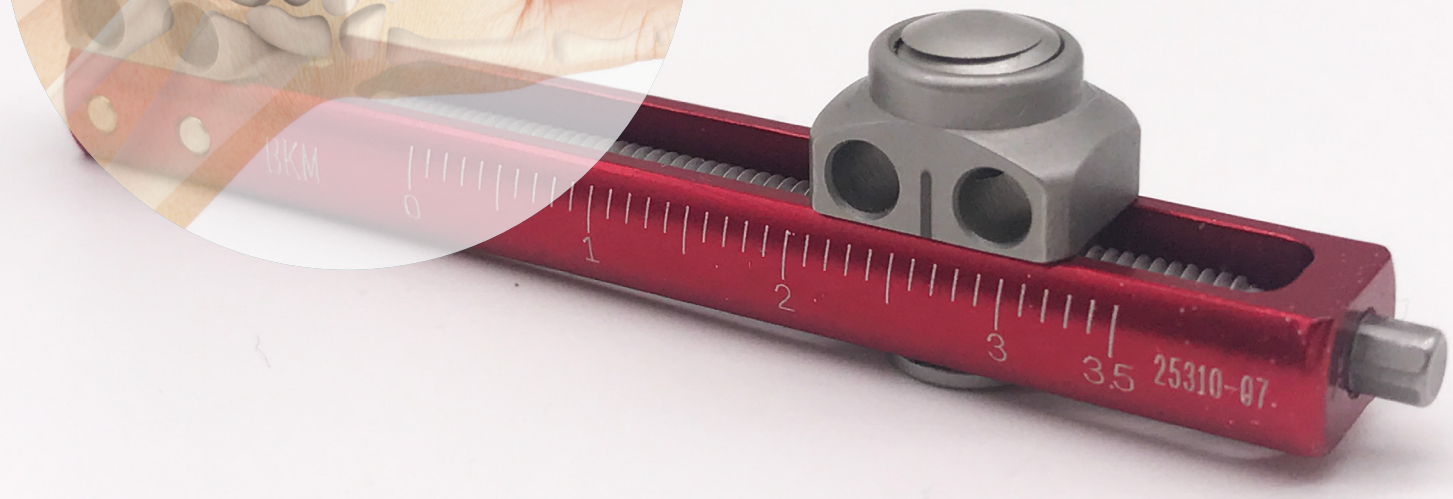
HNM
TOTAL RECON

# MINI KYROS™



## EXTERNAL FIXATOR



# MINI KYROS FINGER SYSTEM

Compressive forces to secure a fracture or osteotomy in conjunction with a bone graft.

## DESCRIPTION

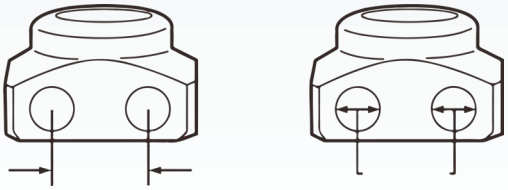
The system has 4 different sizes, which are Kyros Extor(ST)-Finger 7cm, 6cm and Kyros Extor(ST) Small Finger 3.6cm, 3cm.
Main body of the Kyros Extor(ST) Finger system is manufactured from light weight alumium alloy pin screws are made of 316L stainless steel as a suitable surgical implant grade described by ASTM standard F138.
The benefits of using this system are as follows : minimal exposure of the skin on fracture site, no secondary procedure necessary to remove hardware adequate stability when internal fixation system may not be possible due to poor bone contact.

KYROS Finger - 7.0

- Threaded 2.3mm pin screw used
- Distraction/compression adjustment adjustment as needed to achieve 0.7mm/rev when appropriate distraction/compression.

## ADVANTAGES

- Various sizes offer different increments of compression/distraction for various small bone applications.
- Lightweight & low profile increase patient comfort and compliance
- Easy lengthening and Deformity correction
- Simple Osteosynthesis in fractures
- Simple Instruments



KYROS Finger - 6.0

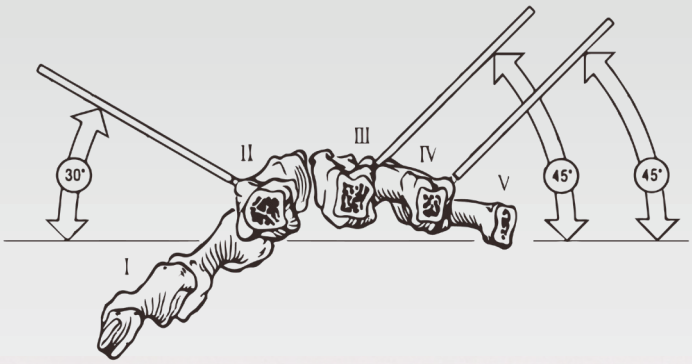
- Scalendication indication of distraction /compression permits approximately 25~35mm of travel for precise adjustment

## INDICATIONS

- Open and/or closed Fractures
- Corrective osteotomies
- Distraction lengthening of the metacarpals, metatarsals and phalanges
- Non-unions of the metacarpals and phalanges
- Joint arthrodeses

# HOW DOES IT ALIGN THE PIN-SCREWS...?

## PIN ANGLE IN SMALL BONE




## 1) METACARPAL BONE

**2nd Metacarpal**
Apply the fixator in the frontal plane. Incline screws dorsally at an angle of 30 degrees to the frontal plane.

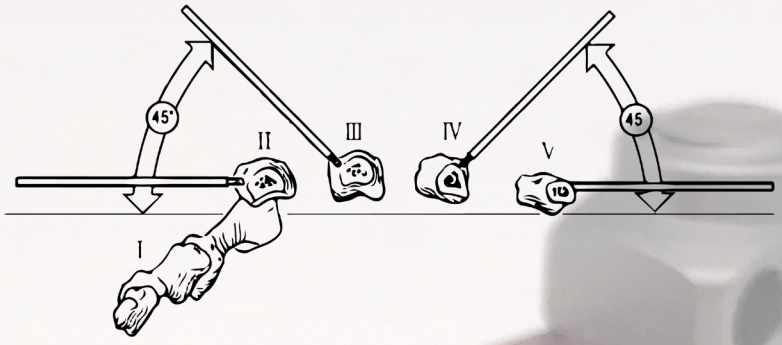
**3rd and 4th Metacarpal**
Apply fixator from ulnar side. Incline screws dorsally at an angle of 45 degrees to the frontal plane.

## 2) PHALANX BONE

**1st, 2nd Phalanx**
Apply fixator from radial side in frontal plane.

**3rd Phalanx**
Incline screws dorsally at an angle of 45 degrees to the frontal plane.

**4th Phalanx**
Apply fixator from ulnar side.
Incline screws dorsally at an angle of 45 degrees to the frontal plane.




**5th Phalanx**
Apply fixator from ulnar side in frontal plane.

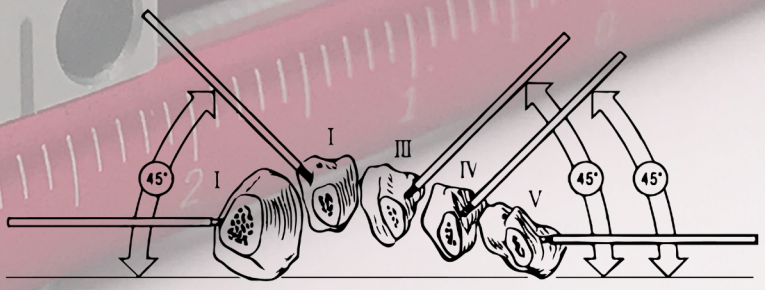
## 3) METATARSAL BONE

**1st metatarsal**
Apply fixator from radial side in frontal plane.

**2nd metatarsal**
Incline screws dorsally at an angle of 45 degrees to the frontal plane.

**3rd, 4th metatarsal**
Apply fixator from ulnar side.
Incline screws dorsally at an angle of 45 degrees to the frontal plane.

**5th metatarsal**
Apply fixator in frontal plane.




If possible, please avoid the bridging of joint. Consider the cam-like effect of MP Joint having a flexion status with angle of 60~70 degrees and IP Joint of extention status. Be careful in over-distraction of the joint.