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KARPOS

Wrist External Fixator Kit.

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KARPOS
Wrist External Fixator Kit.

KARPOS Kit provides the Wrist External Fixator and high quality single-use instruments designed to improve the efficiency of your operating theater.

It is streamlined to promote procedural efficiency by simplifying the management of instruments and implants during the surgical procedure.

The innovative instrumentation is single-use and allows you to maintain the same surgical routine you perform today.

Improved Operating Theater Workflow

Single-use Kit with instruments and implants designed to help optimize workflow efficiency in your operating theater.

Ready to use

Designed for standard surgical procedures, basic kit is complete with high quality single-use instruments and implants: always new, always complete and ready to use.

Cost-effective

KARPOS Kit is a cost-effective solution.
The additional costs including cleaning, decontamination, sterilization instruments are cancelled.

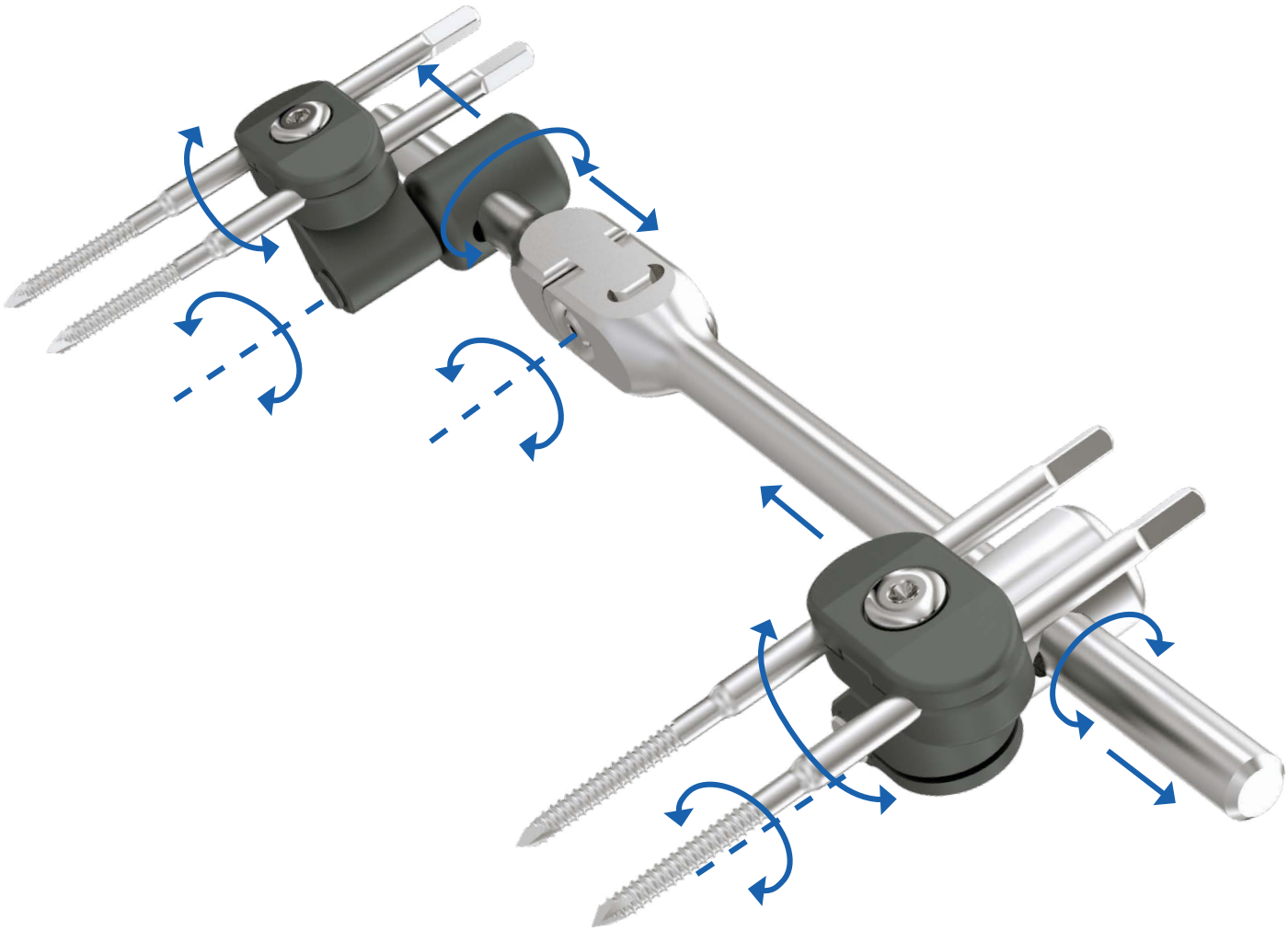
/ KARPOS Wrist External Fixator Kit

Indications

- Intra and extra articular fractures and wrist dislocations, with and without soft tissue distress.
- Polytrauma.
- Carpal dislocations.
- Preliminary fixation before ORIF tecnique treatment.

Product features

- Swivelling/swappable clamps for right and left wrist fitting.
- Articulated bar joint, swivelling and sliding clamps allow fixator alignment with wrist rotation axis.
- Ø4.0mm pins with Ø2.5mm o Ø3.0mm threaded tip.
- Specific instruments.

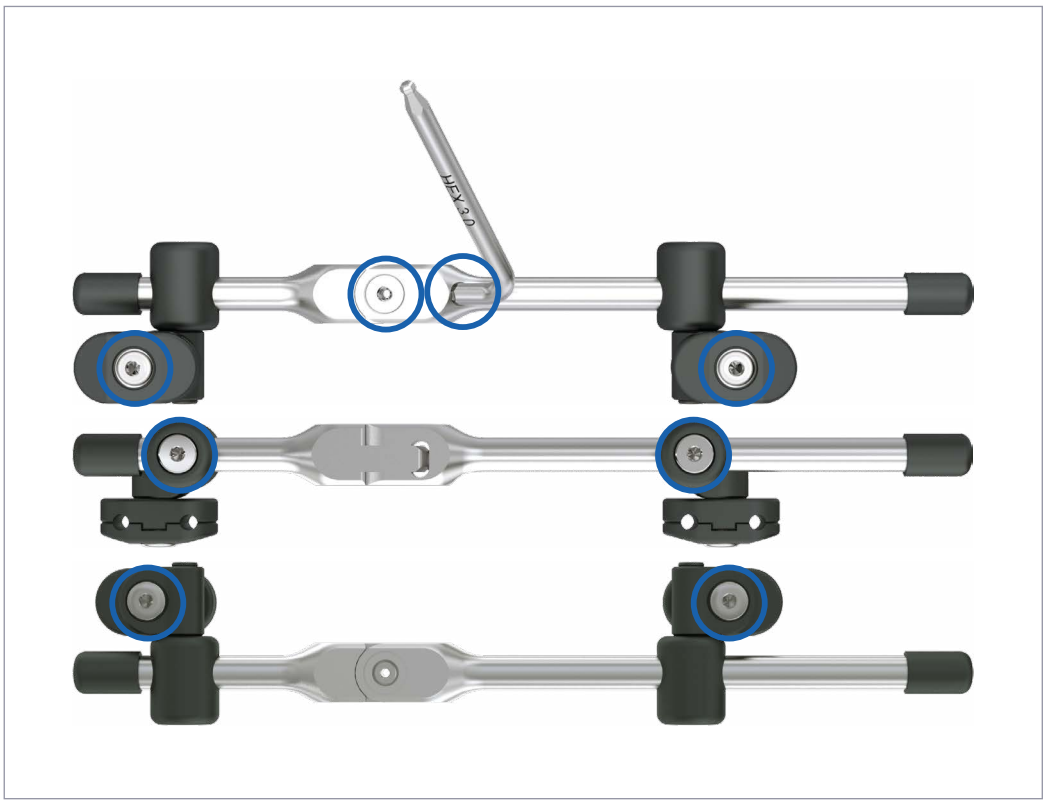


Warnings

The use of the external fixator is not recommended for patients who are unable or unwilling to follow the post-surgery care instructions, or for patients to whom cannot be implanted any screw due to bone or soft tissue disease.

Surgical technique.

Fixator is packed to fit left wrist and all screws are slightly locked. Before surgery unscrew all clamps, bar and set screws about two turns using 3.0mm Hex Key (SXF2.0007). Make sure that all joints are free to rotate and slide.



To fit right wrist remove bars' end caps, swap sliding blocks and rotate them 180° as shown in picture. Put bars' end caps in place..

· 1

Insert the Drill Guide SXF2.0002 (Ø2.0mm for Ø2.5mm pin) or SXF2.0003 (Ø2.5mm for 3.0mm pin) in the long sleeve of the Parallel Guide (SXF2.0001).
Point the long sleeve of the Parallel Guide on the II metacarpal bone. With the Drill bit SXF2.0005 (Ø2.0mm for Ø2.5mm pin) or SXF2.0006 (Ø2.5mm for 3.0mm pin) drill the bone to insert the first pin.

· 2

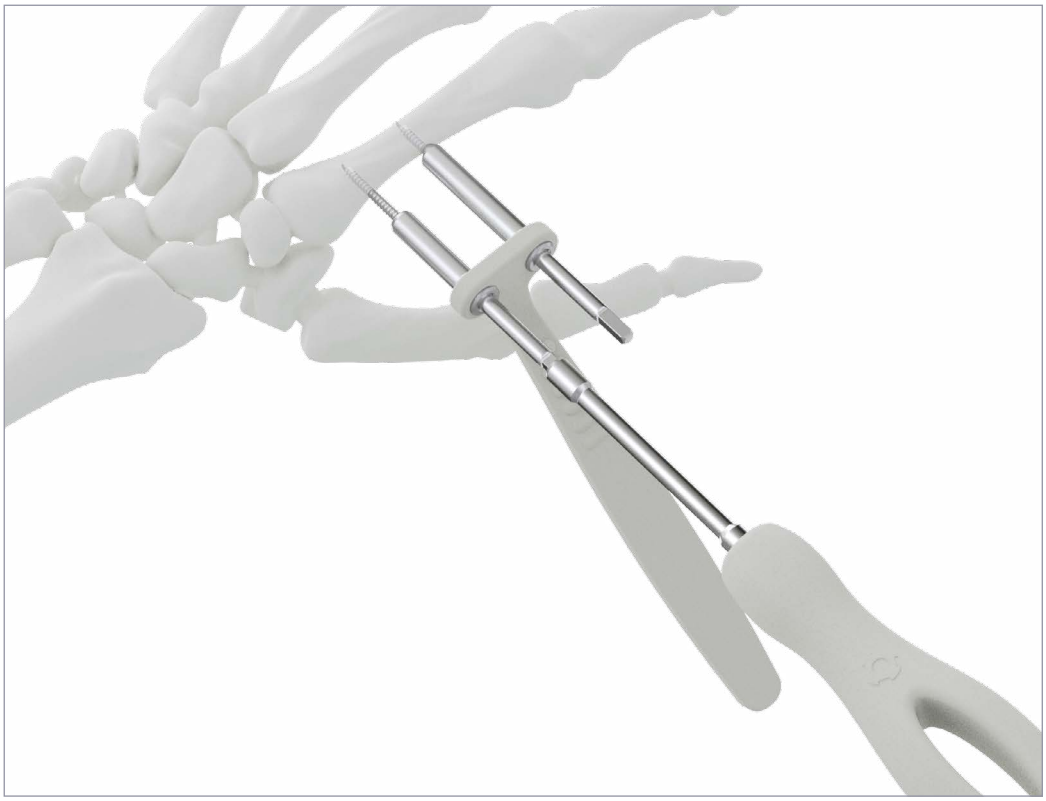
After removing the Drill Guide, insert the first pin in the hole just made, using the 3.0mm Square Screwdriver (SXF2.0004). Ensure that the pin advances through but not exits the far cortex to avoid the soft tissue damage.

· 3

Without moving the guide (with the long cannula inserted on the first pin and in contact with the bone), insert the Drill Guide SXF2.0002 (Ø2.0mm, for Ø2.5mm pin) or SFX2.0003 (Ø2.5mm for Ø3.00 mm pin) in the short sleeve of the Parallel Guide (SXF2.0001). With the Drill Bit SXF2.0005 (Ø2.0mm for Ø2.5mm pin) or SXF2.0006 (Ø2.5mm for Ø3.0mm pin) make a hole to insert the second pin.

· 4

After removing the Drill Guide, insert the second pin in the hole just made using the 3.0mm Square Screwdriver (SXF2.0004). Ensure that the pin advances through but not exits the far cortex to avoid the soft tissue damage.

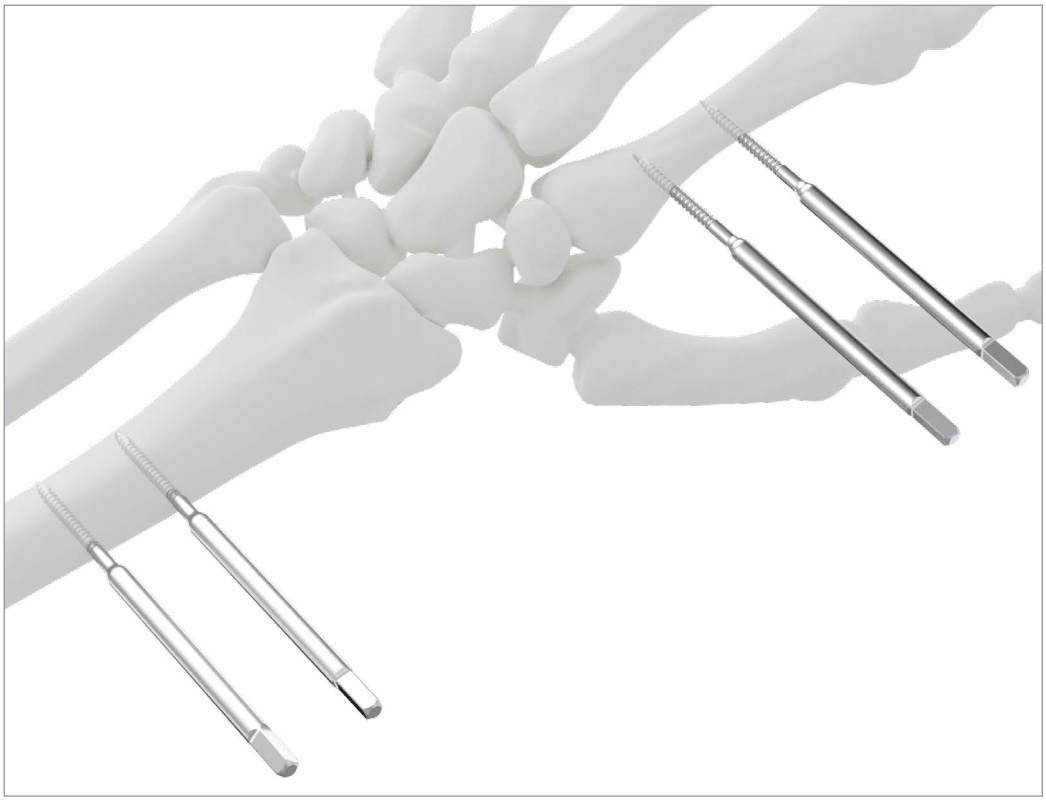


• **5-1**

Place the fixator without locking them.
With the short bar clamp on the distal pins mark the position of the distal holes on the skin so that the sliding block remains in the usable section of the fixator.

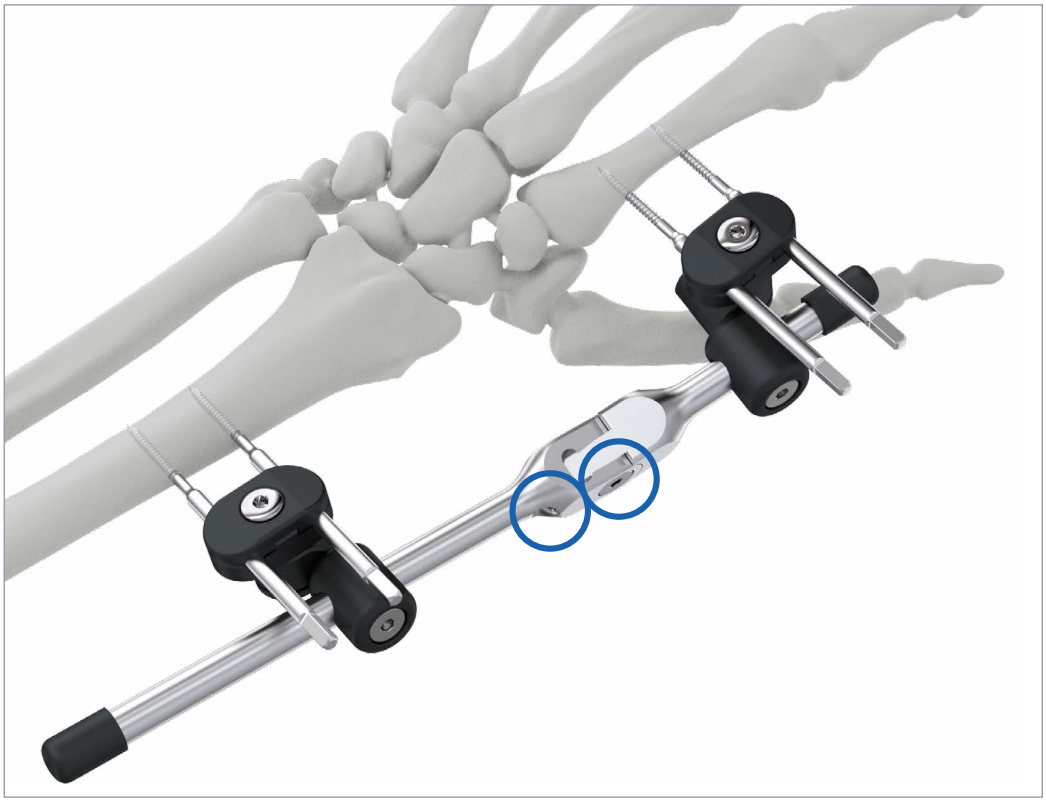
• **5-2**

Repeat steps from 1. to 4. to insert the two proximal pin on the radius.



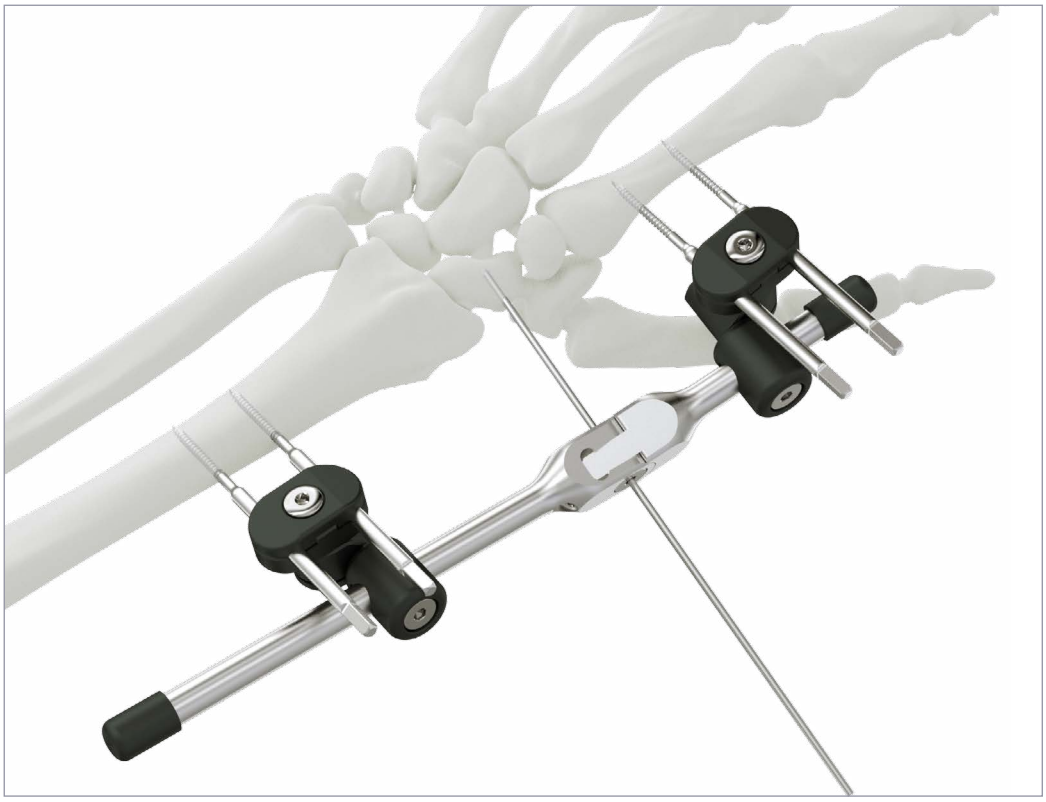
• **6**

Place the fixator inserting the clamps on the pins couple, the short bar will be placed distally. Rotate fixator bars so that the joint screw and set screw face laterally.



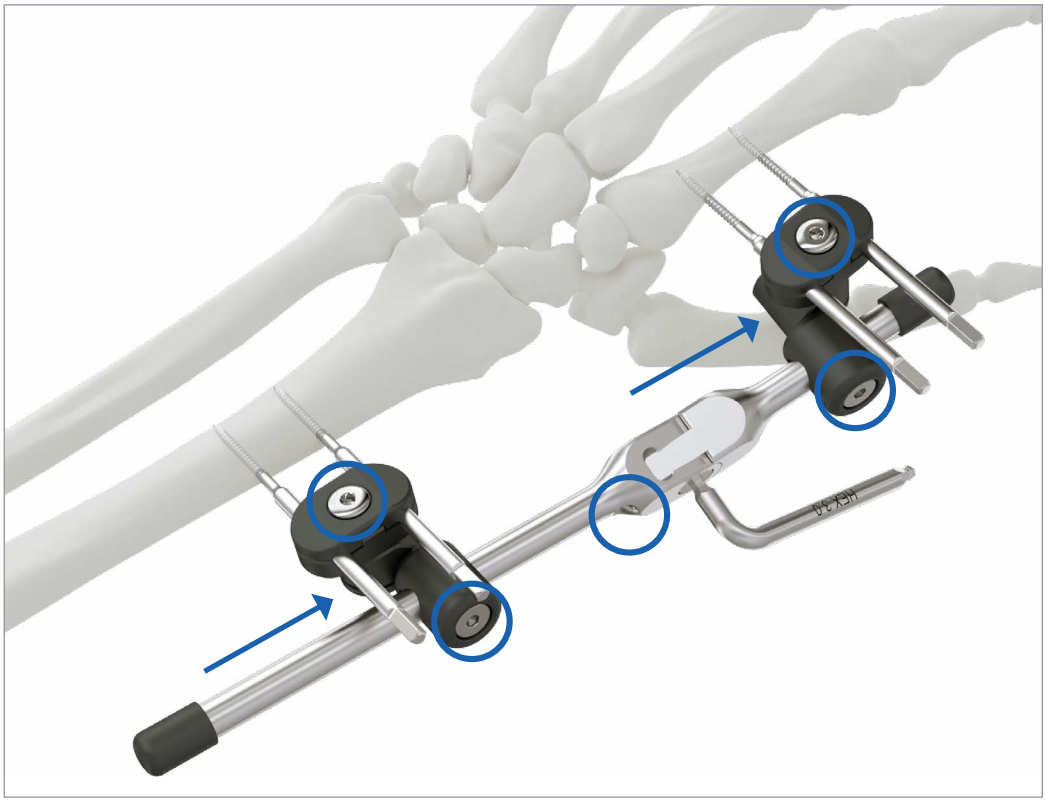
• **7**

Align the joint of the fixator with the wrist rotation axis. Ø1.8mm K-Wire (SXF2.0008) can be passed through joint screw hole for reference.



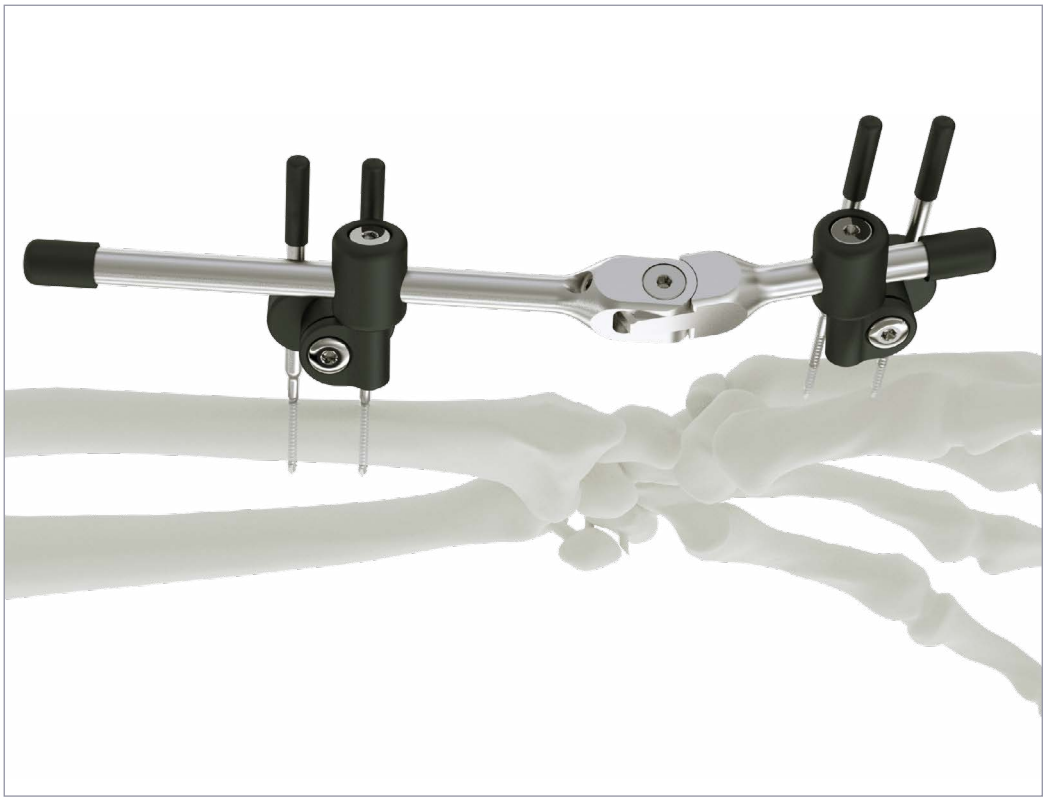
· 8

Lock all the screws and the set screw using the 3.0mm Hex Key (SXF2.0007).



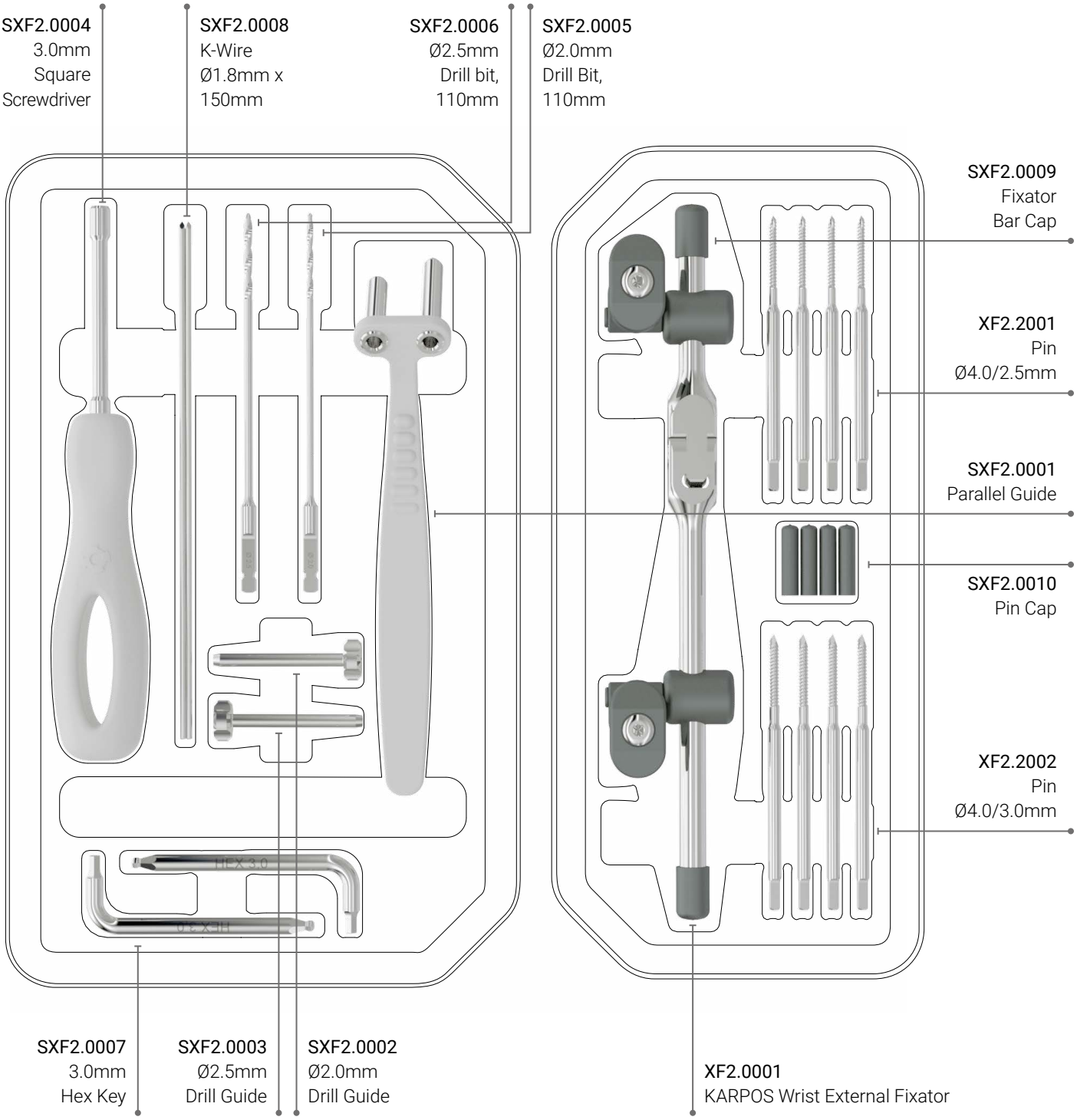
· 9

Insert protective caps (SXF2.0010) on pin heads.



Kit content.

Ref.	Description
KXF2.0001	KIT - KARPOS Wrist External Fixator



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