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TAKOfix

Calcaneal External Fixator Kit.

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TAKOfix
Calcaneal External Fixator Kit.

TAKOfix Kit provides the Calcaneal 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

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

/ TAKOfix Calcaneal External Fixator Kit

Indications

Articular fractures of the calcaneus

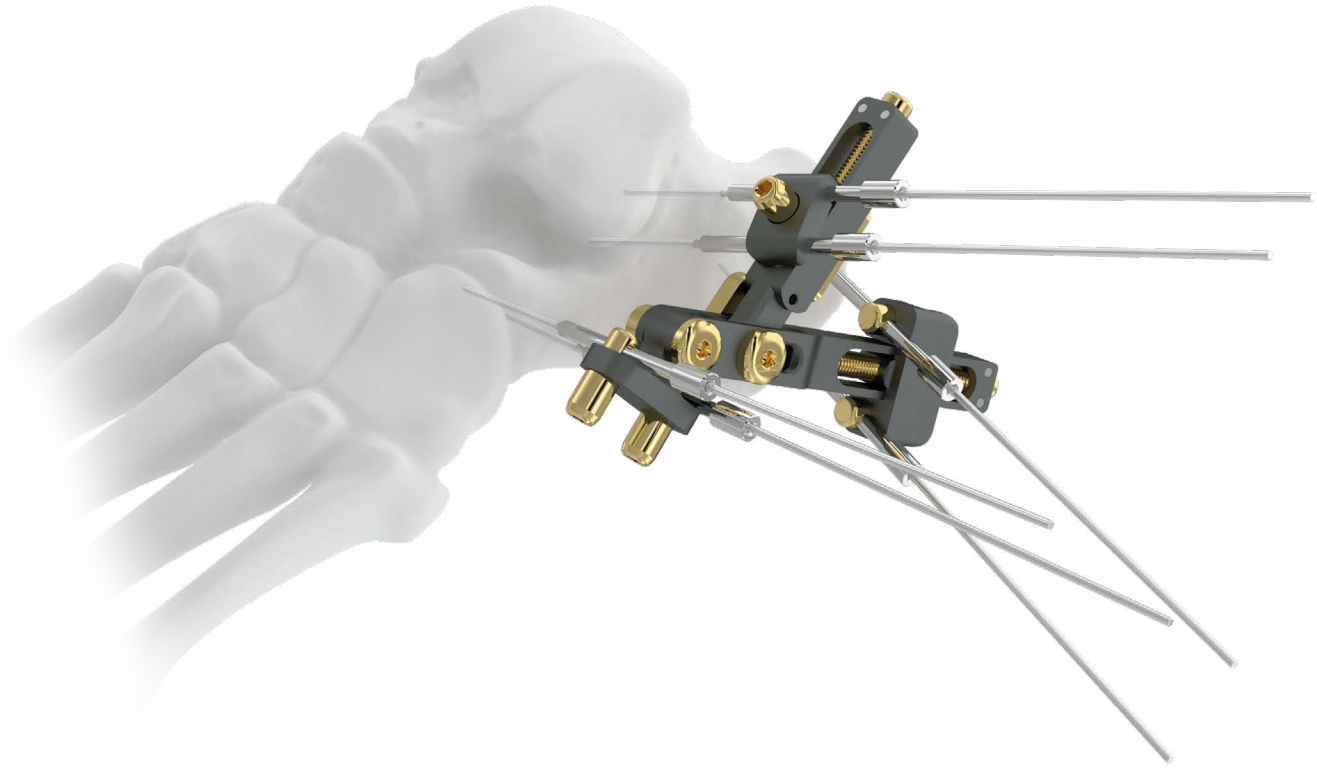
- Sanders CT classification I II III IV
- Rowe's x- ray classification IV

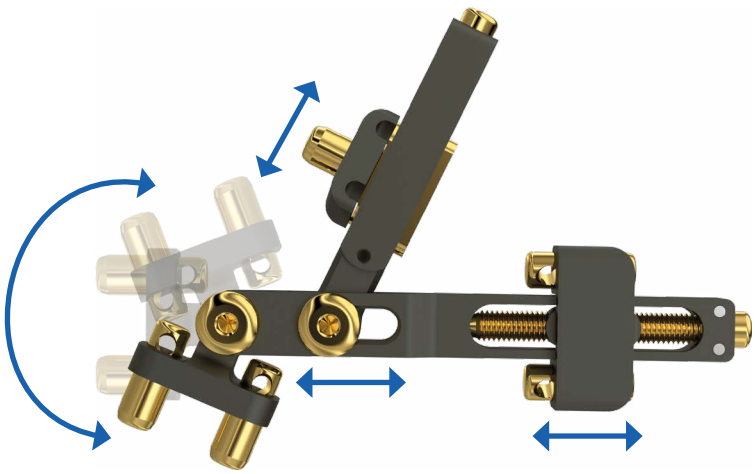
Oblique or coronal fractures

- Rowe's x-ray classification III

Product features

- Swivelling clamps allow to adjust pins' direction.
- Compression and distraction unit allows fragments reduction.
- Ø3mm swivelling threaded pins.
- Guide sleeves for temporary fixation.

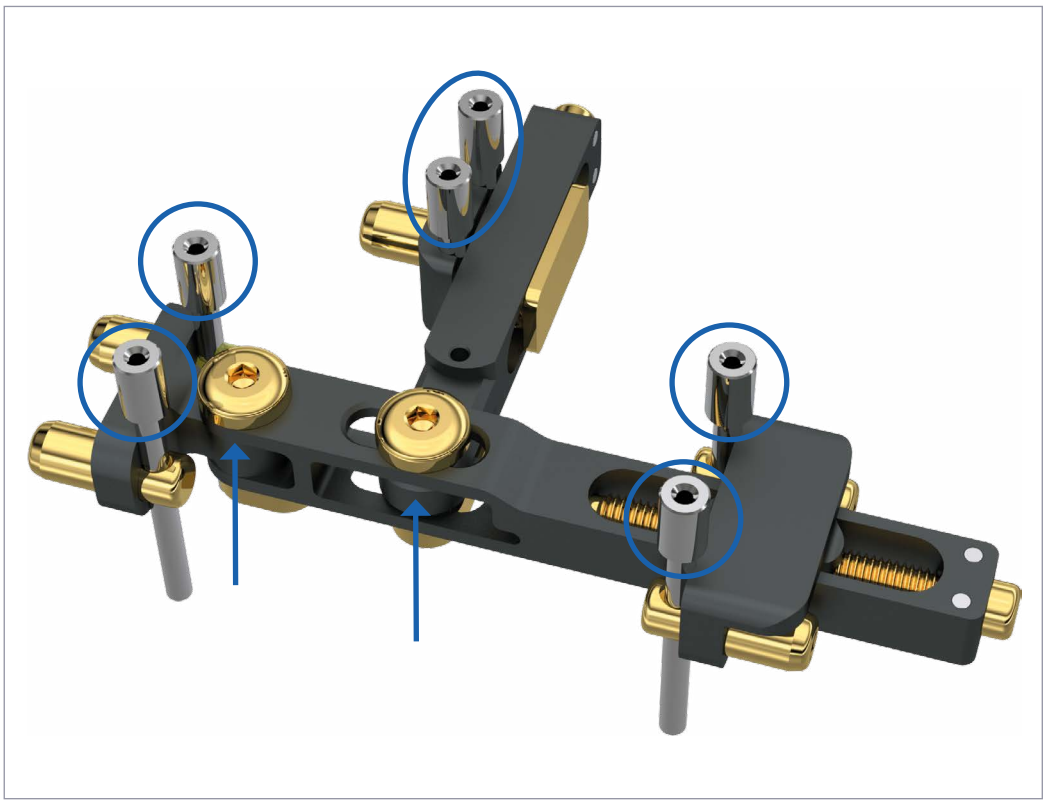




Surgical technique.

Preparation

Loosen clamps' screws about two turns using 3.0mm Hex Key (SXF1.0003) and insert Ø1.5mm K-Wire Sleeve (SXF1.0001) into the clamps. Tighten clamps so that sleeves stay in position but can be moved by hand. Loosen head joint and side bar screws (less than one turn) using Hex Key so that they can be rotated by hand and stay in position.

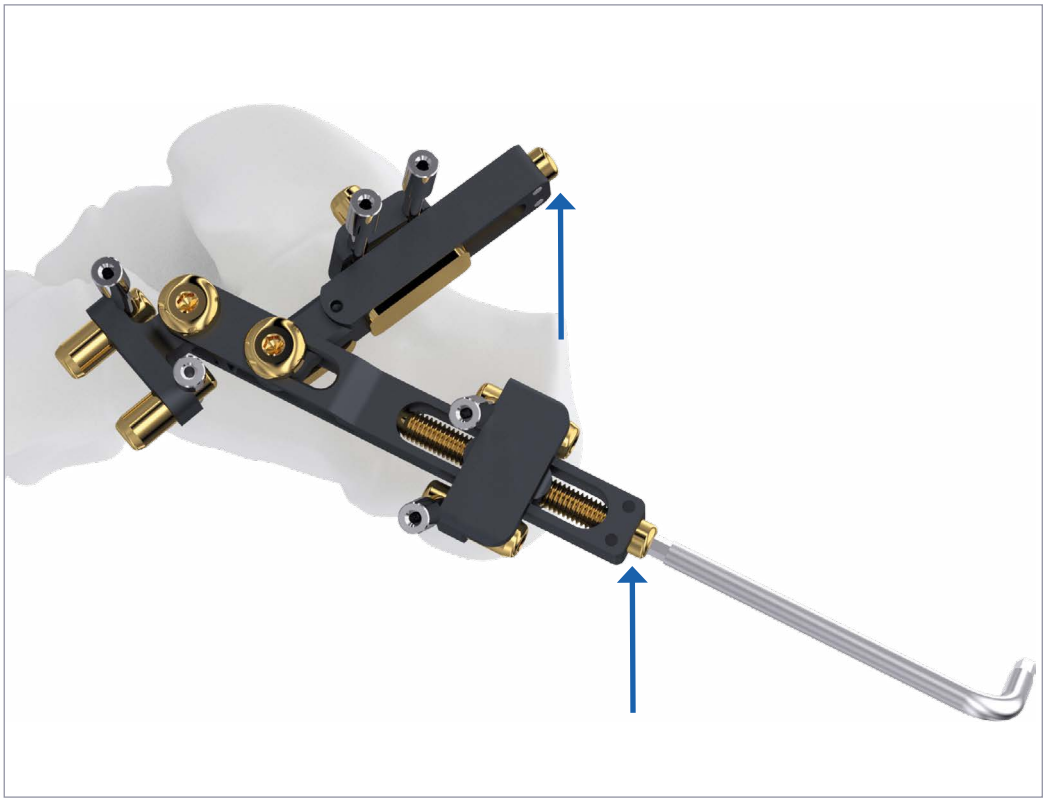


· 1

Identify the points where pins will be inserted according to fracture pattern.

· 2

Place the fixator on calcaneus and adjust sleeves' position by hand to match the points where pins will be inserted. Main and side bars sleeves position can be adjusted along bars' axes acting on longitudinal screws using 3.0mm Hex Key (SXF1.0003).



· 3

Insert Ø1.5mm K-Wire (SXF1.0002) through K-Wire Sleeve (SXF1.0001) of side bar.

• **4**

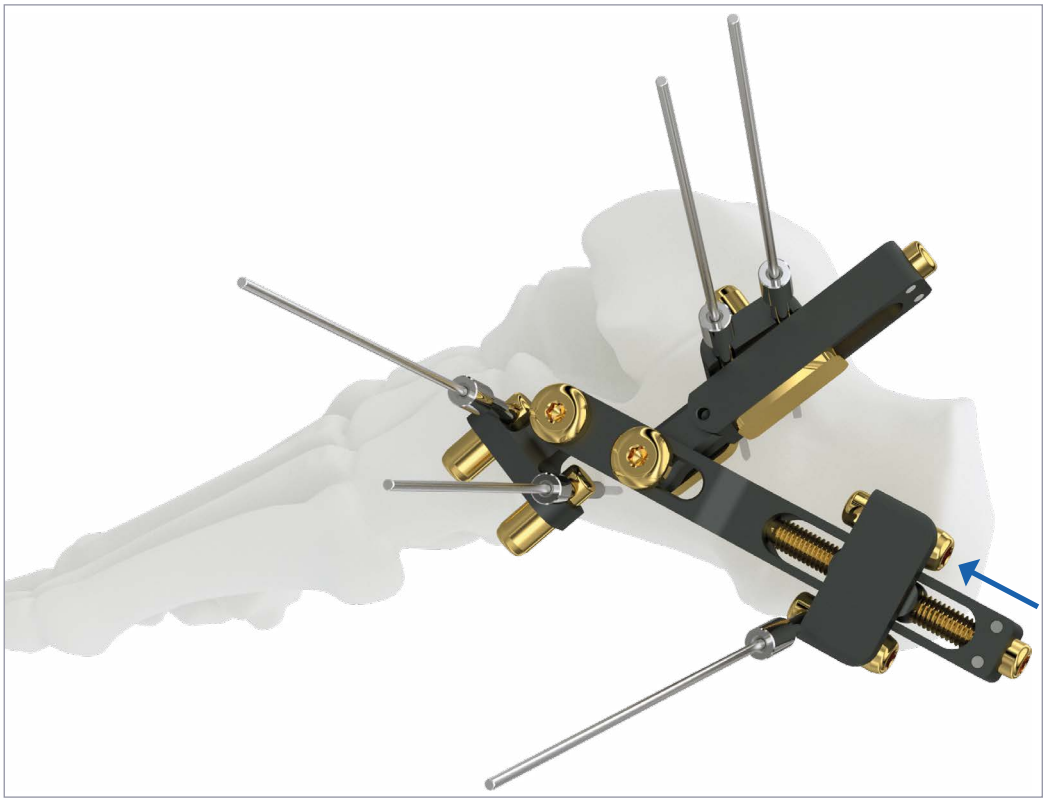
Insert the second K-Wire (SXF1.0002) through the second sleeve of the side bar.

• **5**

Insert the remainig four K-Wires (SXF1.0002) into the clamps of the head joint and of the main bar through the K-Wire Sleeve (SXF1.0001).

• 6

Using the 3.0mm Hex Key (SXF1.0003), loosen the first clamp and remove the K-Wire (SXF1.0002) and the K-Wire sleeve (SXF1.0001).

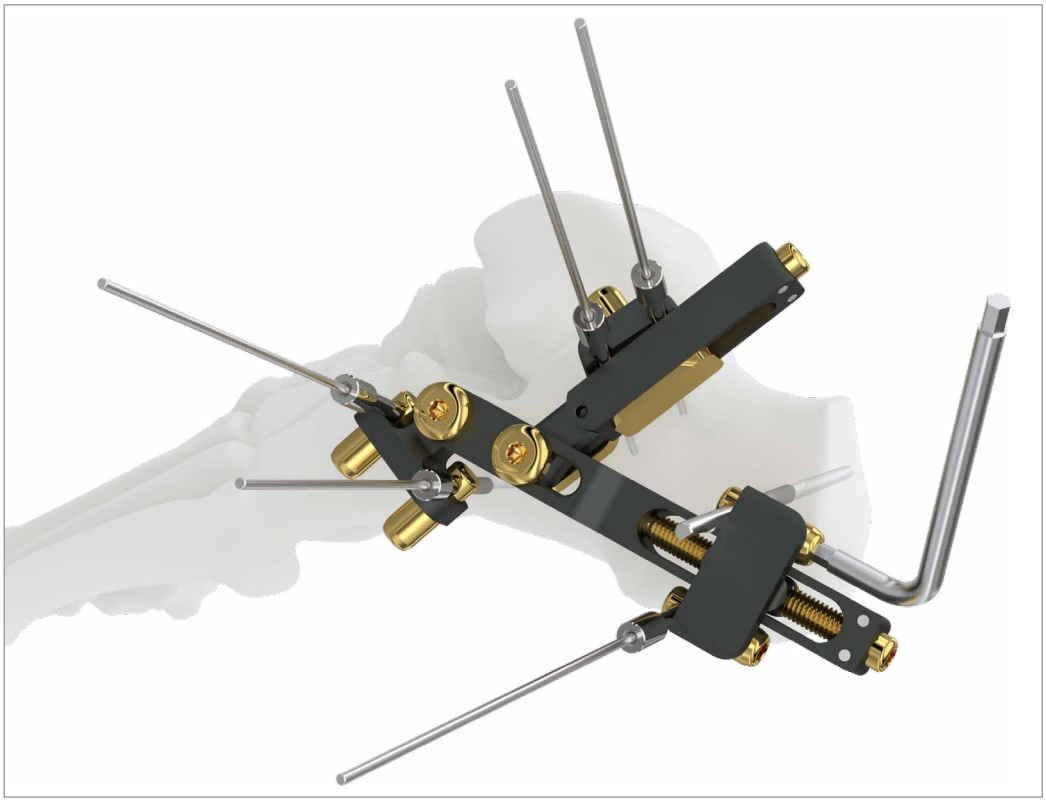


• 7

Using the T Wrench for Pins (SXF1.0005), insert Ø3.0mm Pin (XF1.2001) or (XF1.2002) in the clamp where the K-Wire and K-Wire sleeve were just removed.

• 8

Lock pin clamp using the 3.0mm Hex Key (SXF1.0003).

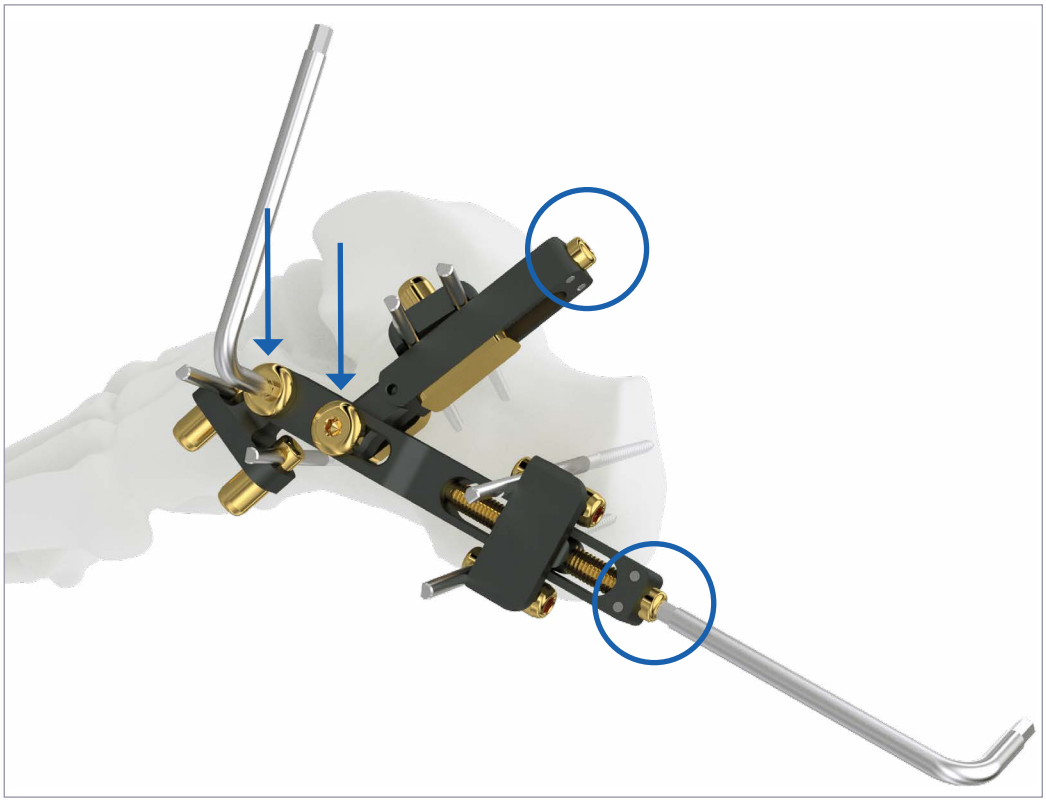


• 9

Repeat steps from 6. to 8. for all fixator pins.

• 10

Tighten the screws of the head joint and of the side bar. If needed, it is possible to distract the fragments acting on the longitudinal screws of the main bar and of the side bar.

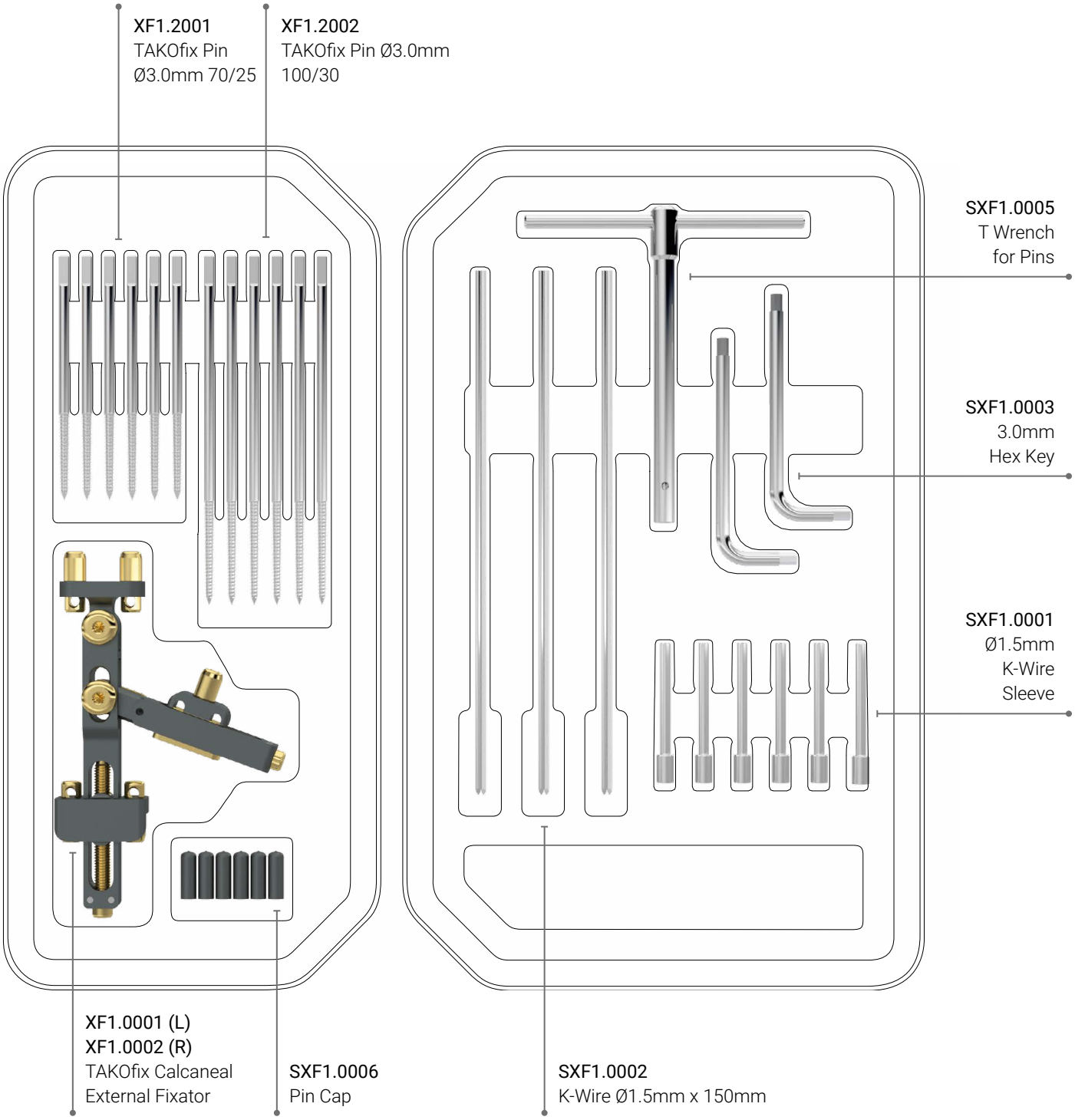


• 11

Insert polymer caps on the pin heads to protect them.

Kit content.

Ref.	Description
KXF1.0001	KIT TAKOfix Calcaneal External Fixator (L)
KXF1.0002	KIT TAKOfix Calcaneal External Fixator (R)



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