# FOOTMOTION S.

STAND-ALONE
SCREWS

# FOOTMOTION S

Intended purpose : Implants of the Stand-Alone Screws range are intended for fractures fixation, osteotomies and arthrodeses of bones in adults, appropriate for the size of the device.

Contraindications :
- Pregnancy.
- Acute or chronic local or systemic infections.
- Allergy to one of the materials used or sensitivity to foreign bodies.

## A COMPREHENSIVE RANGE OF SOLUTIONS FOR FOREFOOT TREATMENT

### → SCREW FEATURES

- Ø2.25, Ø2.6, Ø3.0 mm cannulated screws
- Hexalobular screw recess design
- Self-drilling, self-tapping and self-compressive screws
- Compression with long distal thread feature

**Ø2.25 mm screws**

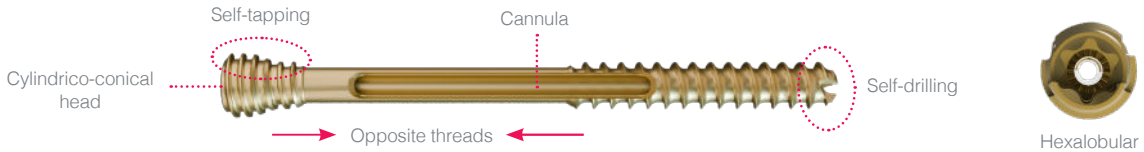

Long thread

**Ø2.6 mm screws**


Long thread

**Ø3.0 mm screws**


Long thread



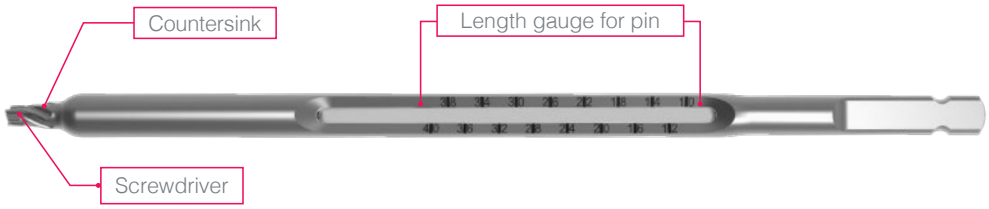

Material: Titanium Alloy



Hexalobular stamp

### → INSTRUMENTATION FEATURES

- Instrument mutualisation for Ø2.6 & Ø3.0 mm screws: same pin, drill, countersink and screwdriver
- Patented 3 in 1 instrument: length gauge for pin, countersink and screwdriver
- Compatible with a standard quick coupling system



# FOOTMOTION S

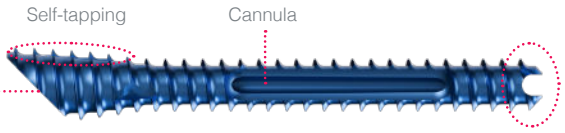
## MINIMALLY INVASIVE SURGERY WITH Ø3.5 MM CHAMFERED HEAD SCREWS

### → SCREW FEATURES

- Ø3.5 mm cannulated screws
- Hexalobular screw recess design
- Self-drilling and self-tapping screws
- Positioning screw with full thread

**Ø3.5 mm screws**


Full thread

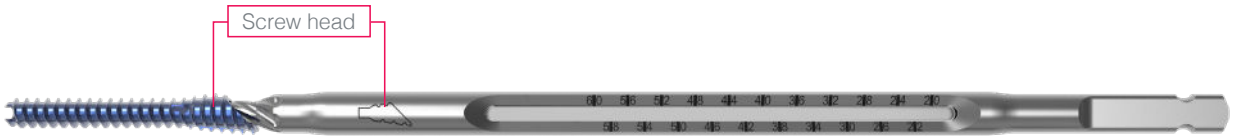



Hexalobular stamp

Material: Titanium Alloy

### → INSTRUMENTATION FEATURES

- Patented 3 in 1 instrument: length gauge for pin, countersink and screwdriver
- Compatible with a standard quick coupling system
- Head profile marking on the patented 3 in 1 instrument to help visualize screw head orientation



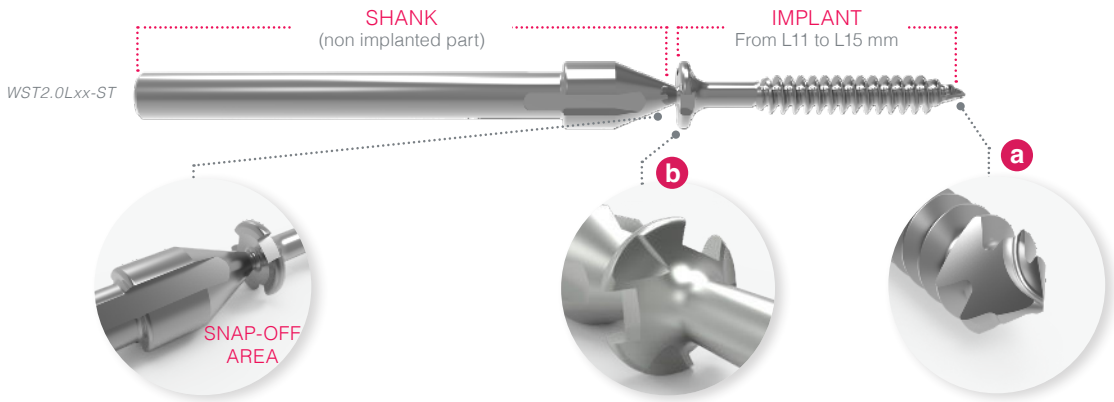
# FOOTMOTION S

## SNAP-OFF SCREWS AND INSTRUMENT

### → IMPLANT

**Ø2.0 mm snap-off screw dedicated to Weil osteotomy, from L11 to L15 mm (1 mm increments)**

- Self-drilling and self-tapping extremity ensuring the penetration in cortical bone (a)
- Self-drilling of the screw head allowing a partial burying (b)
- Snap-off area buried under the screw head
- Compatible with wire driver (Ø2.4 mm)

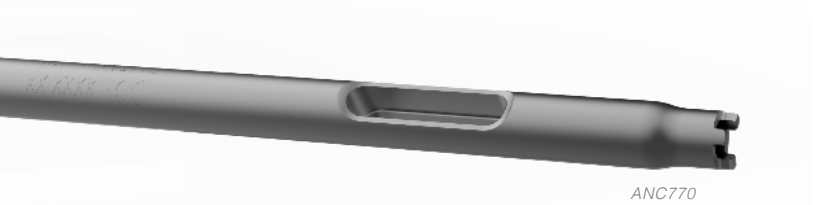


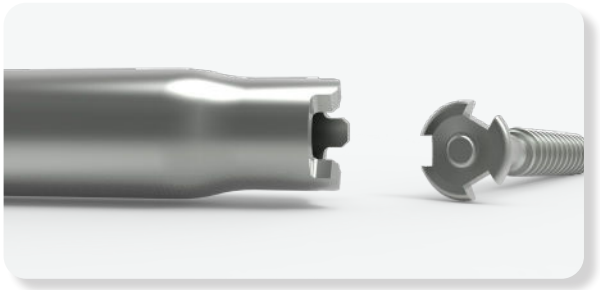

**Snap-off screw :** the screw separates itself from the shank as soon as the head gets in contact with the bone.
**N.B:** *For an additional compression, use the screwdriver (ANC770).*

### → DEDICATED INSTRUMENT: SCREWDRIVER

**Screwdriver allowing:**

- The separation between the shank and the screw
- The finalization of the compression after separation
- The implant removal

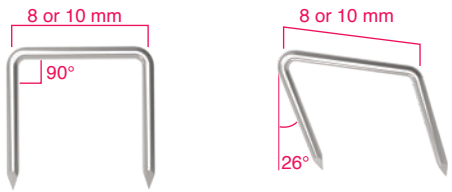

ANC770



## STAPLES AND INSTRUMENTATION

### → IMPLANT

**Two designs** are available **(straight: 90° and oblique: 26°)** with, for each one, **two widths (8 and 10 mm).**




### → INSTRUMENTATION

**Dedicated holders and impactors** compatible with 90° and 26° staples.
**Drilling guide with** 8 and 10 mm interaxis.


## CHEVRON OSTEOTOMY

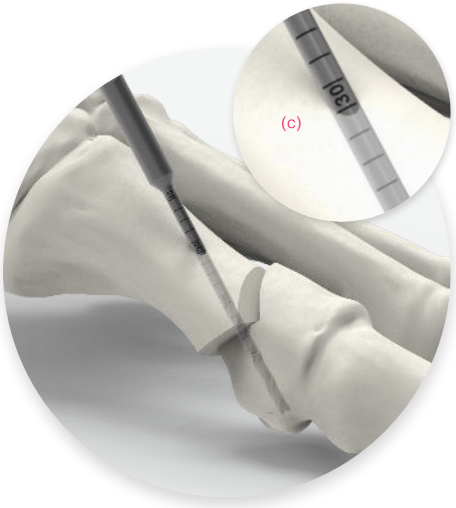
Example of a Chevron osteotomy surgical technique using a Ø2.6 mm self-compressive screw (H1.1HFT2.6LxxD)

1. Insert the Ø1.0 L90 mm pin (ANC1451) until the opposite cortex is reached.


2. Slide the 3 in 1 instrument (ANC1282) along the pin to the bone (a). Read directly the length of the screw on the measuring gauge part of the 3 in 1 instrument at the rear of the pin (b).

**N.B:** *At this stage the pin can be inserted deeper in order to prevent its removal during drilling step.*

3. To ease the screw insertion, countersink the first cortex using the 3 in 1 instrument (ANC1282).




4. Drill to the desired depth with the Ø2.0 mm quick coupling drill bit (ANC1341). The drilling depth can be checked using the markings on the drill (c).

5. Select the appropriate screw length and insert the self-compressive screw along the pin using the screwdriver part of the 3 in 1 instrument (ANC1282) until the desired reduction and compression are achieved and the screw head is buried. Then remove the pin.

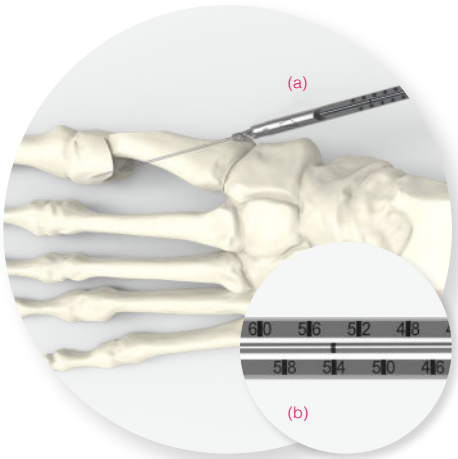
**FINAL RESULT**

# SURGICAL TECHNIQUE

## MINIMALLY INVASIVE OSTEOTOMY

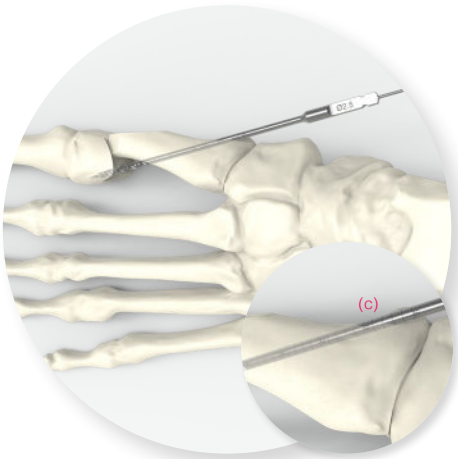
Example of a minimally invasive osteotomy surgical technique using a Ø3.5 mm chamfered head screw (H1.5NT3.5LxxD)

1. Insert the Ø1.4 mm pin (ANC1657) to maintain the correction.



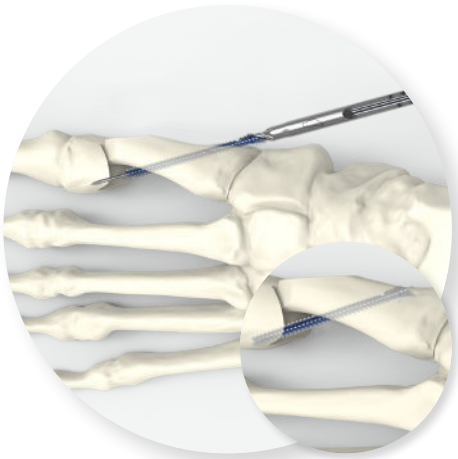

2. Slide the 3 in 1 instrument (ANC1286) along the pin until the cortex is reached (a). With the measuring gauge part of this instrument, read the insertion depth using the marking on the pin (b).

**N.B:** At this stage, the pin can be inserted deeper in order to prevent its removal during the drilling step.




3. Drill to the desired depth with the Ø2.5 mm quick coupling drill bit (ANC1718). The drilling depth can be checked using the markings on the drill (c).

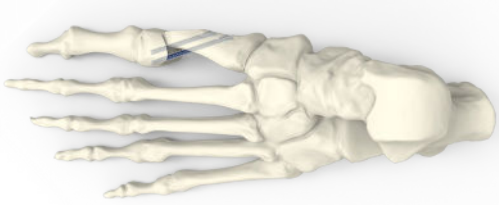
4. To ease the screw insertion, countersink the first cortex using the 3 in 1 instrument (ANC1286).



5. Select the appropriate screw length and insert the chamfered head screw along the pin using the screwdriver part of the 3 in 1 instrument (ANC1286) until the desired reduction is achieved.

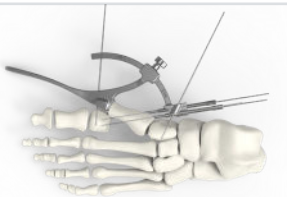
Check with fluoroscopy that the chamfered head is flush to the bone and then remove the pin.

**FINAL RESULT**



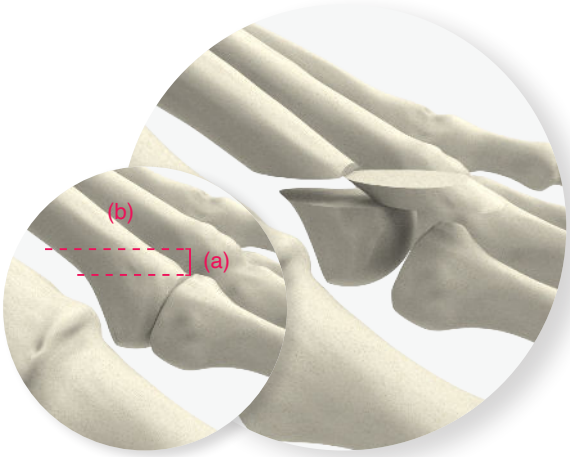
Repeat the same steps for the insertion of the second screw.

**N.B:** This surgical technique can be associated with the use of hallux valgus targeting guide. Please refer to the G·HALVA brochure for more information.



## WEIL OSTEOTOMY

Example of a Weil osteotomy surgical technique using a Ø2.0 mm snap-off Weil screw (WST2.0Lxx-ST)




1. Perform a first horizontal cut using the oscillating saw starting at the junction of the dorsal cartilage (a).

   Then, perform the second parallel dorsal cut with the first cut and then remove the bone fragment (b).

2. The reduction is made manually by flexing the toe.

3. Insert the screw with the power tool. As soon as the compression is finished, the screw snaps off. If necessary, use the screwdriver (ANC770) with the handle (ANC350) to make the compression.

   **N.B:** In case of a hard cortical bone it is recommended to prepare the screw insertion using a pin.

   Caution: In osteoporotic bone, it may be necessary to provoke release of the shank prior screw head reaches the cortical bone to avoid excessive screwing.

**FINAL RESULT**

# SURGICAL TECHNIQUE

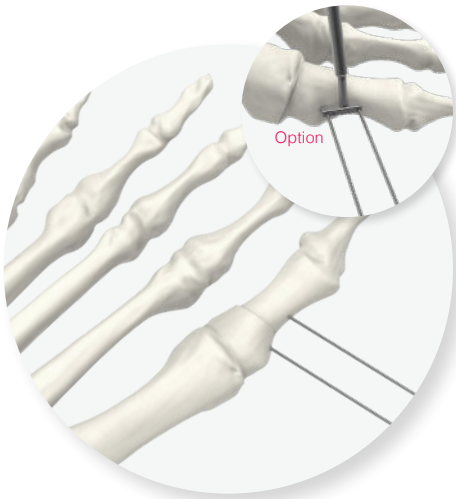
## AKIN OSTEOTOMY

Example of an Akin osteotomy surgical technique using a staple 90° - width 10 mm

1. The Akin osteotomy of P1 is performed following the habits of the surgeon.

2. In order to mark the two entry points for the K-wires, slightly impact the staple with the corresponding holder (ANC177).

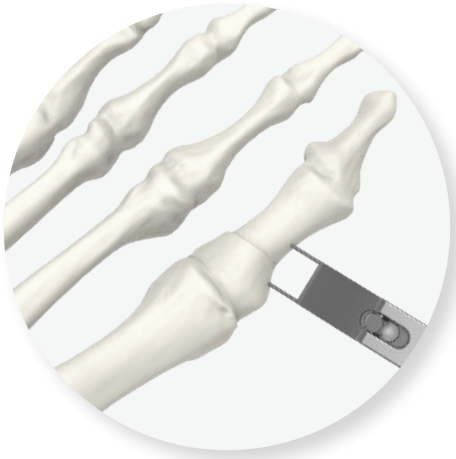
   Then, remove the staple.




3. In the previously marked entry points, insert Ø1.0 mm K-wires (33.0210.080) to make pre-holes.

   Then, remove the K-wires.

   Optional step: To ensure the correct interaxis, the drilling guide (14.33.55) can be used.



4. Insert and impact the staple with the same holder as step 2.

5. Complete impaction by using the dedicated impactor (14.33.53).

**FINAL RESULT**

# IMPLANTS REFERENCES

## → FOREFOOT SCREWS

### Ø2.25 MM CANNULATED SCREWS

| Ref | Description | |
|---|---|---|
| H0.9HFT2.25LxxD* | Ø2.25 mm self-compressive screw - cannula Ø0.9 - long thread - L10 mm to 34 mm (2 mm increments) |  |

*Non anodized

### Ø2.6 MM CANNULATED SCREWS

| Ref | Description | |
|---|---|---|
| H1.1HFT2.6LxxD* | Ø2.6 mm self-compressive screw - cannula Ø1.1 - long thread - L10 mm to 34 mm (2 mm increments) |  |

*Yellow anodized

### Ø3.0 MM CANNULATED SCREWS

| Ref | Description | |
|---|---|---|
| H1.1HFT3.0LxxD* | Ø3.0 mm self-compressive screw - cannula Ø1.1 - long thread - L10 mm to 40 mm (2 mm increments) |  |

*Fuchsia anodized

### Ø3.5 MM CANNULATED SCREWS

| Ref | Description | |
|---|---|---|
| H1.5NT3.5LxxD* | Ø3.5 mm chamfered head screw - cannula Ø1.5 – L20 mm to 60 mm (2 mm increments) |  |

*Dark blue anodized

## → SNAP-OFF WEIL SCREWS

### Ø2.0 MM SNAP-OFF SCREWS

| Ref | Description | |
|---|---|---|
| WST2.0Lxx-ST* | Ø2.0 mm snap-off Weil screw - STERILE - L11 mm to 15 mm (1 mm increments) |  |

*Non anodized

**Remark:** please note that the «xx» in the references represents the length of the screw.
Ex: the reference for the Ø2.6 mm self-compressive screw - cannula Ø1.1 - long thread – L30 mm is «H1.1HFT2.6L30D»

**Remark:** please note that all implants are also available in sterile packaging. An 'ST' code is added at the end of the reference.
Ex : « H1.1HFT2.6L30D-ST »

## → STAPLES

### STAPLES

| Ref. | Description | EQUIVALENT TO | Ref. | Description |
|---|---|---|---|---|
| ST-25-0500-080ST1* | Staple 26° - width 8 mm - STERILE | ⟷ | 14.55.04** | Varisation staple 26° - 8 mm - STERILE |
| ST-25-0505-100ST1* | Staple 26° - width 10 mm - STERILE | ⟷ | 14.55.03** | Varisation staple 26° - 10 mm - STERILE |
| ST-25-0510-080ST1* | Staple 90° - width 8 mm - STERILE | ⟷ | 14.55.02** | Varisation staple 90° - 8 mm - STERILE |
| ST-25-0515-100ST1* | Staple 90° - width 10 mm - STERILE | ⟷ | 14.55.01** | Varisation staple 90° - 10 mm - STERILE |

*Manufacturer: MAHE Medical
Medical Class: IIb
Notified body: TÜV SÜD - CE 0123

**Manufacturer: ORTHO CAPE
Medical Class: IIb
Notified body: HTCert - CE 2803

# INSTRUMENTS REFERENCES

## INSTRUMENTS FOR Ø2.25 MM SCREWS*

| Ref. | Description | Qty |
|---|---|---|
| ANC350 | Ø4.5 mm AO quick coupling handle - Size 1 | 1 |
| ANC770 | Screwdriver for Ø2.0 mm Snap-off screws | 1 |
| ANC1280 | 3 in 1 instrument for Ø2.25 mm screws | 1 |
| ANC1446 | Ø1.7 mm quick coupling drill bit - cannula Ø0.9 mm - L75 mm | 1 |
| ANC1450 | Pin Ø0.8 L90 mm | 6 |

*Snap-off screwdriver is available in this kit

## OPTIONAL INSTRUMENTATION

| Ref. | Description |
|---|---|
| ANC144 | 16 cm forceps |
| ANC1446-ST | Ø1.7 mm quick coupling drill bit - cannula Ø0.9 mm - L75 mm - STERILE |
| ANC1450-ST | Pin Ø0.8 L90 mm – STERILE |
| ANC1672 | T7 prehensor screwdriver with AO quick coupling system - cannula Ø0.9 mm |

## INSTRUMENTS FOR Ø2.6 & Ø3.0 MM SCREWS*

| Ref. | Description | Qty |
|---|---|---|
| ANC350 | Ø4.5 mm AO quick coupling handle - Size 1 | 1 |
| ANC770 | Screwdriver for Ø2.0 mm Snap-off screws | 1 |
| ANC1282 | 3 in 1 instrument for Ø2.6 & Ø3.0 mm screws | 1 |
| ANC1341 | Ø2.0 mm quick coupling drill bit - cannula Ø1.1 mm - L 80 mm | 1 |
| ANC1451 | Pin Ø1.0 L90 mm | 6 |

*Snap-off screwdriver is available in this kit

## OPTIONAL INSTRUMENTATION

| Ref. | Description |
|---|---|
| ANC144 | 16 cm forceps |
| ANC1341-ST | Ø2.0 mm quick coupling drill bit - cannula Ø1.1 mm - L 80 mm - STERILE |
| ANC1451-ST | Pin Ø1.0 L90 mm – STERILE |
| ANC1673 | T8 prehensor screwdriver with AO quick coupling system - cannula Ø1.1 mm |

## INSTRUMENTS FOR Ø3.5 MM SCREWS

| Ref. | Description | Qty |
|---|---|---|
| ANC350 | Ø4.5 mm AO quick coupling handle - Size 1 | 1 |
| ANC1286 | 3 in 1 instrument for Ø3.5 mm screws | 1 |
| ANC1657 | Pin Ø1.4 L150 mm | 6 |
| ANC1674 | T10 prehensor screwdriver with AO quick coupling system - cannula Ø1.5 mm | 1 |
| ANC1718 | Ø2.5 mm quick coupling drill bit - cannula Ø1.5 mm - L 110 mm | 1 |

## OPTIONAL INSTRUMENTATION

| Ref. | Description |
|---|---|
| ANC1657-ST | Pin Ø1.4 L150 mm – STERILE |
| ANC1718-ST | Ø2.5 mm quick coupling drill bit - cannula Ø1.5 mm - L 110 mm - STERILE |

**N.B:** Diameter of screw(s) to be used with each 3 in 1 instrument is marked on the instruments.

## REMOVAL KIT

If you have to remove Footmotion S implants, make sure to order the **Newclip Technics** removal set, which includes the following instruments:

- ANC042: Mini set - Base
- ANC350: Ø4.5 mm AO quick coupling handle - Size 1
- ANC770: Screwdriver for Ø2.0 mm Snap-off screws
- ANC1672: T7 prehensor screwdriver with AO quick coupling system - cannula Ø0.9 mm
- ANC1673: T8 prehensor screwdriver with AO quick coupling system - cannula Ø1.1 mm
- ANC1674: T10 prehensor screwdriver with AO quick coupling system - cannula Ø1.5 mm
- ANC1450: Pin Ø0.8 L90 mm
- ANC1451: Pin Ø1.0 L90 mm
- ANC1657: Pin Ø1.4 L150 mm

## INSTRUMENTS FOR STAPLES

| Ref. | Description | Qty |
|---|---|---|
| ANC167 | Pins support for Ø1.0 mm pin | 1 |
| ANC177 | Holder Staple 90° | 1 |
| ANC178 | Holder Staple 26° | 1 |
| ANC1451 | Pin Ø1.0 L90 mm | 3 |
| 14.33.53* | Impactor Staple 90° | 1 |
| 14.33.54* | Impactor Staple 26° | 1 |

## OPTIONAL INSTRUMENTATION FOR STAPLES

| Ref. | Description |
|---|---|
| 14.33.55* | Staple drilling guide |

*Manufacturer: ORTHO CAPE
Medical Class: I

## MIS INSTRUMENTS

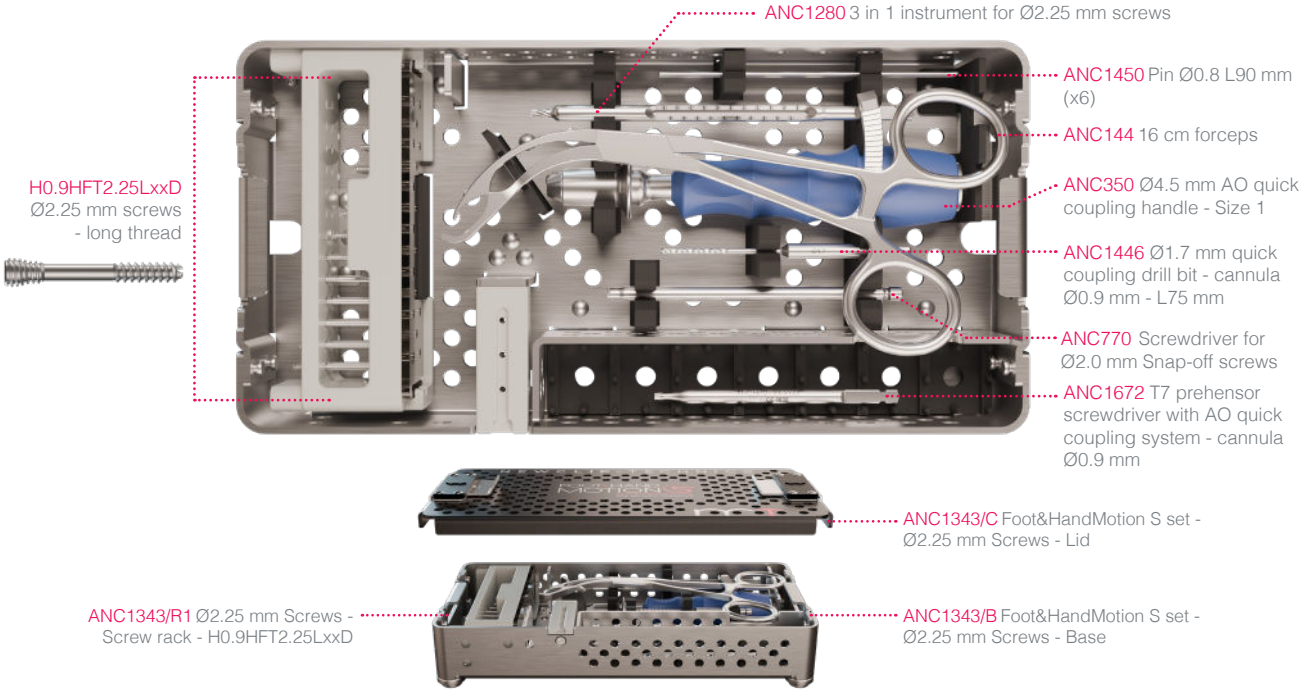
| Ref. | Description | Qty |
|---|---|---|
| ANC602 | Elevator for percutaneous surgery | 1 |
| ANC606 | Elevator - rugine for percutaneous surgery | 1 |
| 6051* | Sawblade handle | 1 |
| GS 61.6380** | Rasp 2 mm angled for percutaneous surgery | 1 |

*Manufacturer: SA SWANN MORTON SINNER
Medical Class: I

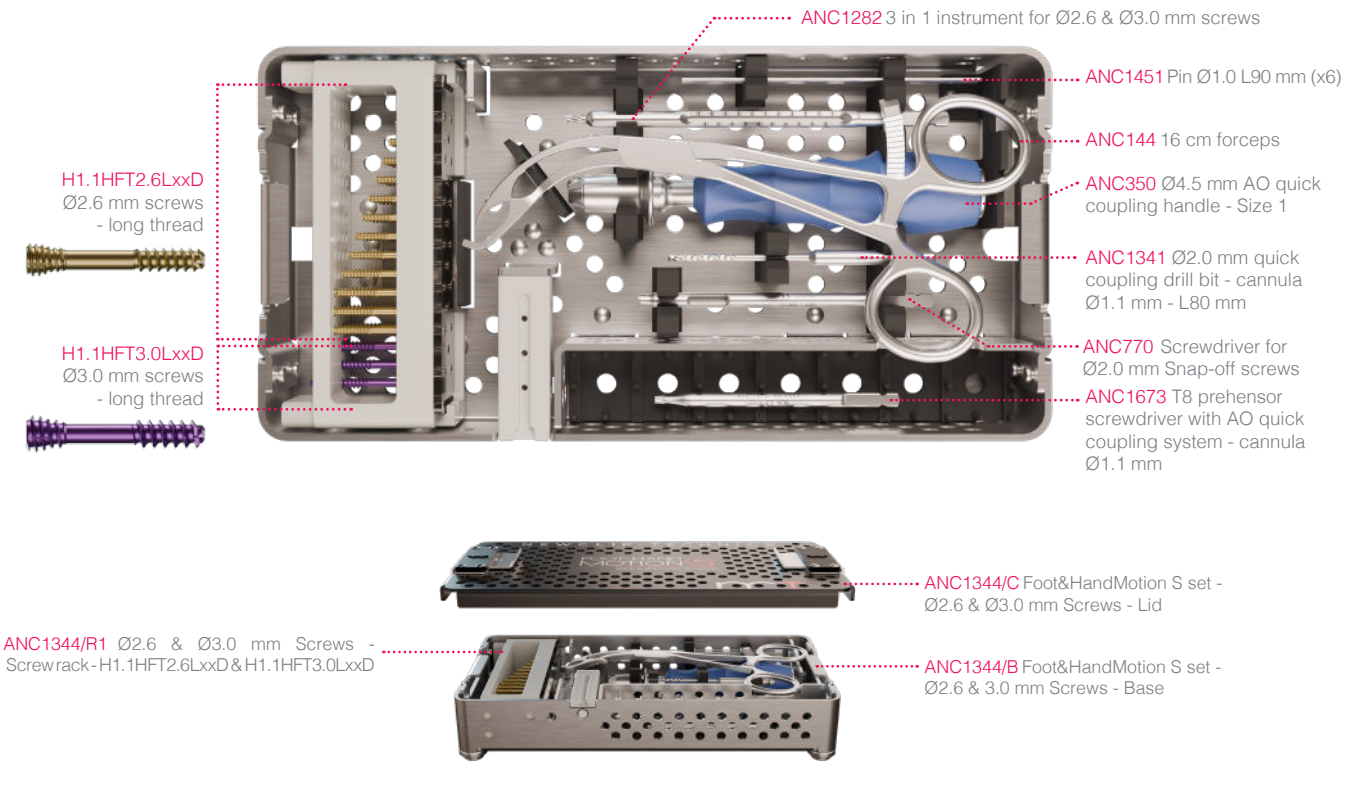
**Manufacturer: GSOURCE
Medical Class: I

# KIT DESCRIPTION

## KIT FOR Ø2.25 MM SCREWS

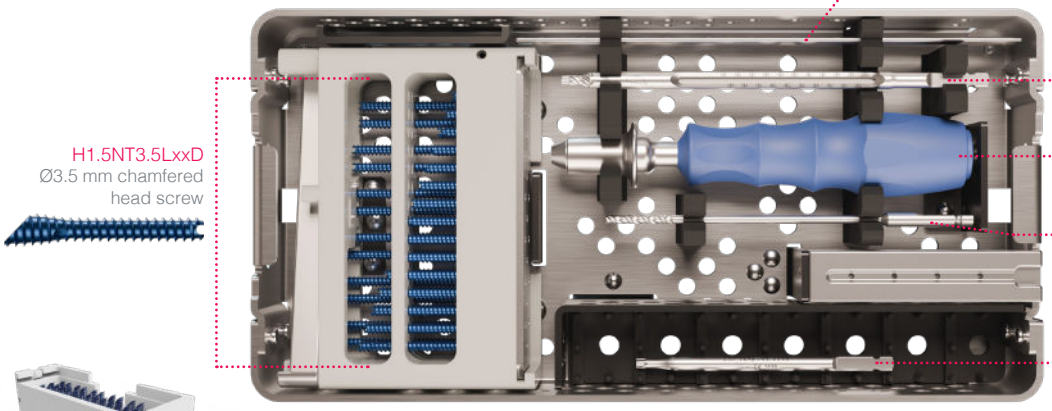



## KIT FOR Ø2.6 & Ø3.0 MM SCREWS



# KIT DESCRIPTION

## KIT FOR Ø3.5 MM SCREWS



ANC1657 Pin Ø1.4 L150 mm (x6)

ANC1286 3 in 1 instrument for Ø3.5 mm screws

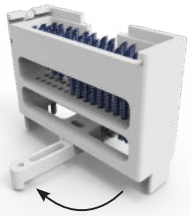
ANC350 Ø4.5 mm AO quick coupling handle - Size 1

ANC1718 Ø2.5 mm quick coupling drill bit - cannula Ø2.5 mm - L110 mm

ANC1674 T10 prehensor screwdriver with AO quick coupling system - cannula Ø1.5 mm

H1.5NT3.5LxxD
Ø3.5 mm chamfered head screw





For screw rack stabilization, it is recommended to unfold the lower arm once out of the kit.

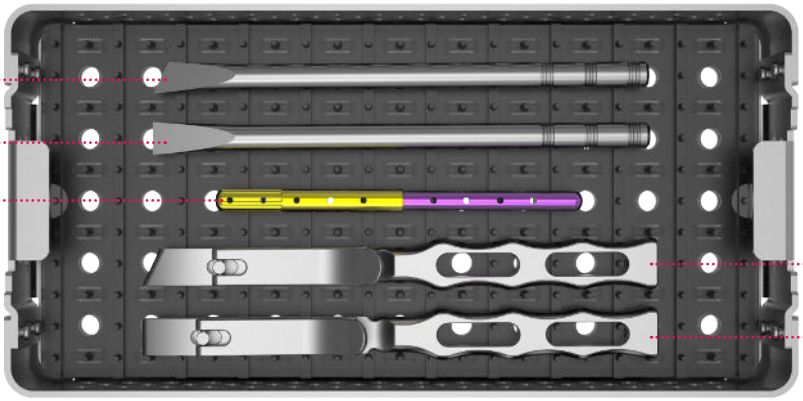
ANC1345/C Foot&HandMotion S set - Ø3.5 mm Chamfered Screws - Lid

ANC1345/R Foot&HandMotion S set - Ø3.5 mm Chamfered Screws - Screw rack - H1.5NT3.5LxxD

ANC1345/B Foot&HandMotion S set - Ø3.5 mm Chamfered Screws - Base

# KIT DESCRIPTION

## KIT FOR STAPLES INSTRUMENTS



14.33.54 Impactor Staple 26°

14.33.53 Impactor Staple 90°

ANC167 Pins support for ANC1451 Pin Ø1.0 L90 mm (x3)

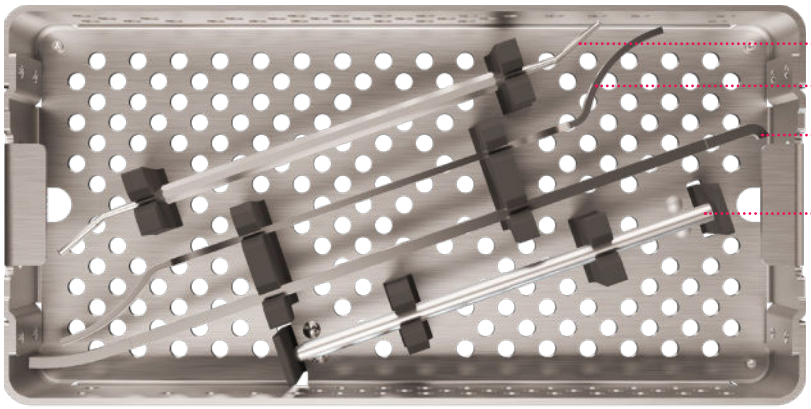
ANC178 Holder Staple 26°

ANC177 Holder Staple 90°

ANC1655/C Set - Size 1/4 - Lid

ANC1235/M16 Set - Size 1/4 - Module - Silicone mat

## KIT FOR MIS INSTRUMENTS

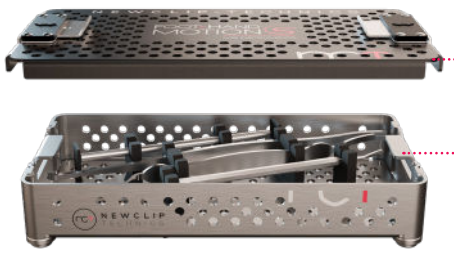


GS 61.6380 Rasp

ANC602 Elevator

ANC606 Elevator - rugine

6051 Sawblade handle



ANC1348/C MIS instruments - Lid

ANC1348/B MIS instruments - Base

# CONFIGURATIONS

Additional larger boxes are available to group multiple kits together.

## BOX FOR 2 KITS

ANC1362/C Foot&HandMotion S set - Size 1/2 - Lid

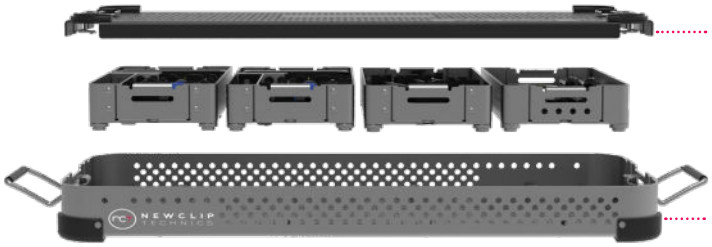
ANC1434/B4 Set - Size 1/2 - Base

## BOX FOR 3 KITS

ANC1363/C Foot&HandMotion S set - Size 3/4 - Lid

ANC1434/B5 Set - Size 3/4 - Base

## BOX FOR 4 KITS



ANC1656/C Foot&HandMotion S set - Size 1 - Lid

ANC1434/B1 Set - Size 1 - Base



Manufacturer: Newclip Technics - Brochure EN – Footmotion S – ED8 – 07/2025 - Medical device EC: class IIb – CE1639 SGS BE - Read labelling and instructions before the use of Newclip Technics medical devices. These products must be handled and/or implanted by trained and qualified staff who have read the instructions before use. Non-contractual pictures.
Newclip Technics - 45 rue des Garottières - 44115 Haute Goulaine, France. Our subsidiaries: Newclip USA - Newclip Australia - Newclip GMBH - Newclip Japan - Newclip Iberia - Newclip Belgium - Newclip Italia.

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