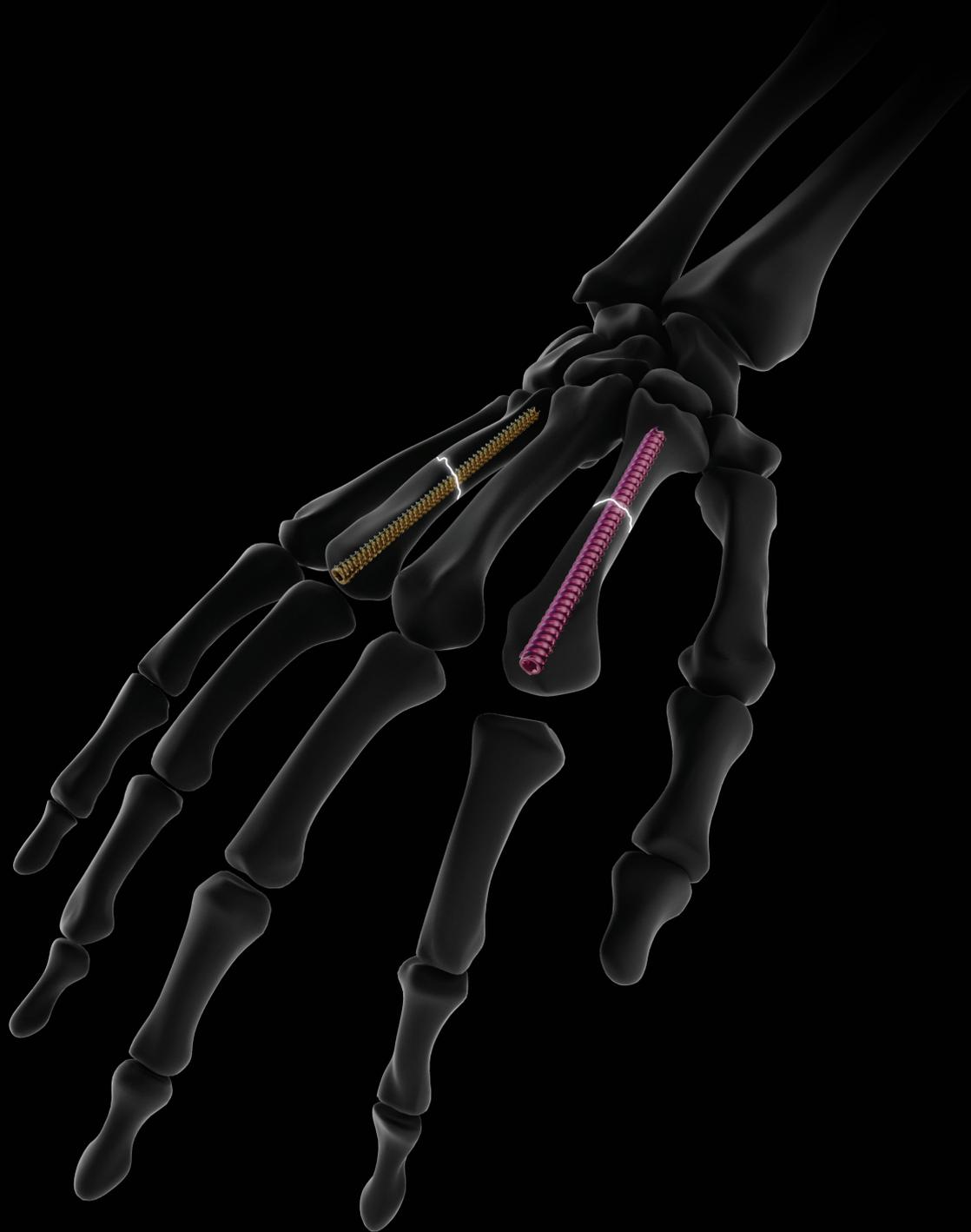


INAXIS.



NEUTRALIZATION
EXTREMITY
SCREWS





INAXIS.

Ø3.0 AND Ø4.0 MM SCREWS

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.

Two formats for different use settings.

A REUSABLE SET

- A single general instrumentation module for the two screw diameters (Ø3.0 and Ø4.0 mm).



A SINGLE-USE STERILE SOLUTION

Newclip Technics also offers a range of single-use sterile kits with ready-to-use instruments and implants.



TRACEABILITY

- Easiest traceability with detailed label sheets.
- Easy inventory management.
- Streamlining of logistic monitoring for nurses and pharmacists.



EFFICIENCY

- No sterilization costs for hospitals.
- Less transportation costs.
- Reduced operative costs⁽³⁾.
- Reduced perioperative time⁽⁴⁾.
- Reduced receiving and handling costs.
- Increased turnover in the OR⁽⁴⁾.



RESPONSIBILITY

- External packaging in recyclable cardboard.
- Dematerialized instructions for use.
- Less CO2 emissions during manufacture and use than a reusable kit⁽⁶⁾.



SAFETY

- Reduced risk of contamination⁽¹⁾.
- Reduced risk of a bacterial biofilm formation⁽²⁾.
- New instruments for each surgery.



AVAILABILITY

- Equipment availability: no restocking and waiting time.
- Shorter and easiest process⁽⁵⁾.
- Full range of latest-generation implants in sterile format.
- No interruption of preoperative flow⁽³⁾.



PRACTICALITY

- Immediate identification and intuitive use.
- Ergonomic format for gears.
- Simplified orderings.

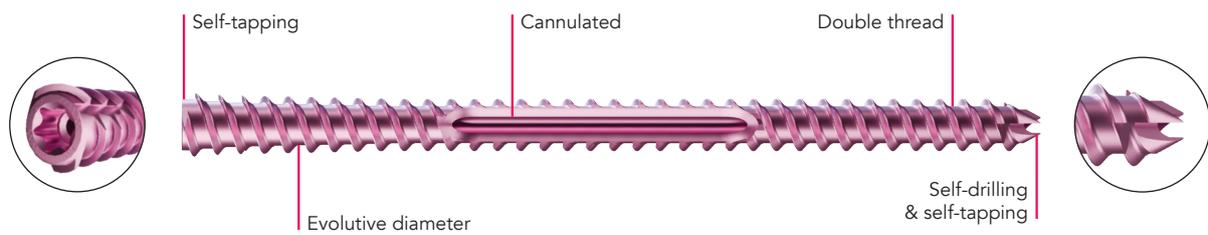
⁽¹⁾ Mont et al. Single-use instrumentation, cutting blocks, and trials decrease contamination during total knee arthroplasty: a prospective comparison of navigated and nonnavigated cases. J Knee Surg. 2013;26(4):285–290. - ⁽²⁾ Costa D de M, Lopes LK de O, Tipple AFV, Johani K, Hu H, Deva AK, et al. Evaluation of stainless-steel surgical instruments subjected to multiple use/processing. Infect Dis Heal. 2018;23(1):3–9. - ⁽³⁾ Shippert RD. A Study of Time-Dependent Operating Room Fees and How to save \$100'000 by Using Time-Saving Products. Am J Cosmet Surg. 2005;22(1):25–34. - ⁽⁴⁾ Siegel GW et al. Cost Analysis and Surgical Site Infection Rates in Total Knee Arthroplasty Comparing Traditional vs. Single-Use Instrumentation. J Arthroplasty. 2015;30(12):2271–4. - ⁽⁵⁾ Matron P. Etude comparative économique et pratique de plaques d'ostéosynthèse de l'extrémité distale du radius présentées individuellement et en kit stérile "tout en un" dans un établissement de santé privé, 2016, 1-21. - ⁽⁶⁾ Empreinte carbone comparée de deux dispositifs médicaux implantables" - Etude Carbon 4.

Technical features.

SCREW FEATURES

NEUTRALIZATION EXTREMITY SCREWS

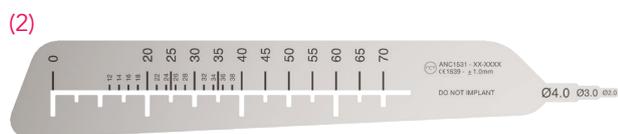
- Ø3.0 and Ø4.0 mm cannulated screws with a **cannula of 1.3 mm for a guided placement.**
- **Non-compressive design** avoids shortening in transverse, oblique or spiral fractures.
- **Self-drilling:** the shape of the distal tip of the screws allows self-drilling properties.
- **Self-tapping:** the tip and the head of the screws have been designed with self-tapping shape.
- **Double thread:** facilitates insertion for surgical efficiency.
- **Evolute diameter** to maximize the anchorage in the cortical and optimize filing of the isthmus.
- **Hexalobular stamp.**



INSTRUMENT FEATURES

ONE UNIQUE INSTRUMENTATION FOR BOTH DIAMETERS

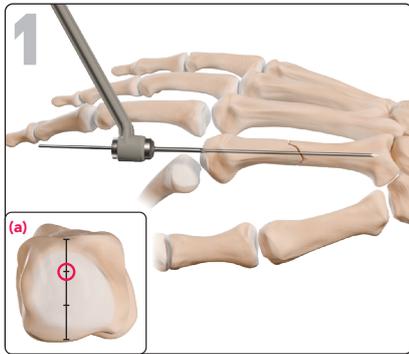
- Dedicated **drill bit** corresponding to the screw diameter⁽¹⁾.
- **Length gauge** with tip for correct screw size selection according to the isthmus diameter⁽²⁾.
- **Cannulated screwdriver** with hexalobular stamp, compatible with power tool or handle⁽³⁾.



Surgical technique.

METACARPAL FRACTURE

This technique is applicable for all screw diameters of the range. The example shows the single-use instrumentation. It is also applicable for the non-sterile instrumentation.



Position the double guide, then, insert the pin through the pin guide until the desired depth is reached.

Remove the double guide.

N.B: The pin guide entry point should be in the dorsal third of the metacarpal head^(a).



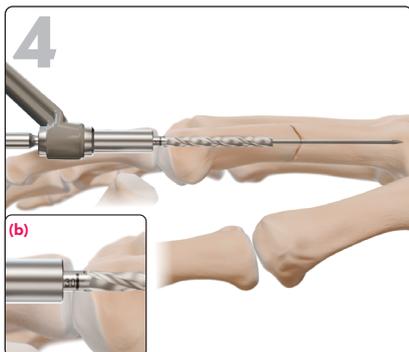
Position the extremity of the length gauge on the isthmus to determine the screw diameter.

N.B: A fluoroscopy can be performed to determine the screw diameter by comparing it with the shaped widths.



Hold the length gauge against the pin and the cortex.

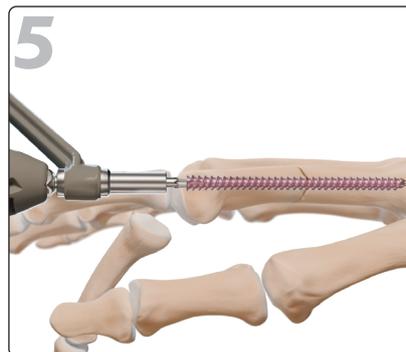
Read the insertion depth at the rear of the pin.



Select the drill bit corresponding to the screw diameter (same color code).

To prevent the pin removal during the drilling step, drill up to the isthmus through the protection sleeve of the double guide.

N.B: The drilling depth can be checked using the marking on the drill, at the rear of the cortex^(b).

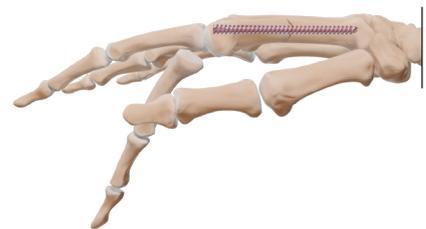


Select the appropriate screw determined in steps 2 and 3.

By using the screwdriver, insert the screw along the pin through the protection sleeve of the double guide until the screw head is buried. Final tightening of the screw must be performed by hand.

Then, remove the pin and the double guide.

FINAL RESULT.



Screw references.

Note: All implants are also available in sterile packaging. A "-ST" code is added at the end of the reference.
 Example : H1.3GLT3.0L25D-ST.

Neutralization extremity screws

Ref.	Description
H1.3GLT3.0L25D to H1.3GLT3.0L70D	Ø3.0 mm neutralization extremity screw* - cannula Ø1.3 - full thread - L25 to 70 mm - 5mm increments
H1.3GLT4.0L25D to H1.3GLT4.0L70D	Ø4.0 mm neutralization extremity screw** - cannula Ø1.3 - full thread - L25 to 70 mm - 5mm increments



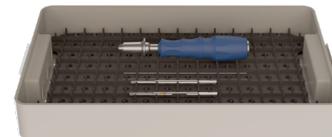
*Gold anodized
 **Pink anodized

IMPLANT REMOVAL

For any removal of Inaxis material, make sure to order one of the two Newclip Technics removal solutions listed below.

Reusable removal set

Ref.	Description	Qty
ANC042	Mini set – Base	1
ANC350	Ø4.5 mm AO quick coupling handle - Size 1	1
ANC1562	T10 prehensor quick coupling screwdriver - cannulated Ø1.3 mm	1
ANC1893	T10 screwdriver with AO quick coupling system	1
ANC1570	Pin Ø1.2 - L120 mm	2



Single use removal kit

Ref.	Description	Content
KIT-REMOVE10	Removal kit for T10 hexalobe	T10 prehensor screwdriver (x1)



Instrument references.

Single-use sterile kit

#	Ref.	Description
01	KIT-SCE3.0-4.0H	Instrumentation kit for Ø3.0 mm and Ø4.0 mm cannulated extremity screws - Hand

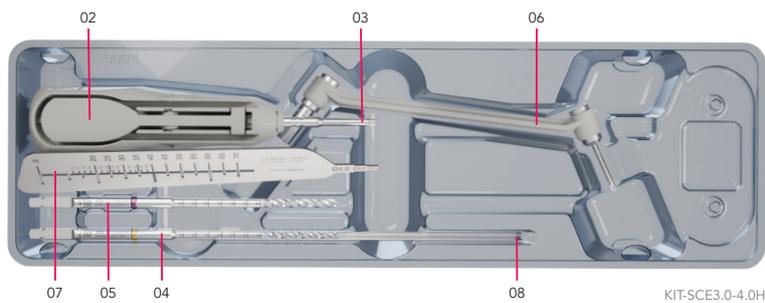


Sterile instrumentation kit content

#	Description	Qty
02	Single use handle	1
03	T10 prehensor quick coupling screwdriver - cannulated Ø1.3 mm	1
04	Ø2.7 mm quick coupling drill bit - cannula Ø1.3 mm - L120 mm	1
05	Ø3.5 mm quick coupling drill bit - cannula Ø1.3 mm - L120 mm	1
06	Double guide - Ø1.3 mm pin guide / soft tissues protection sleeve for extremity screws	1
07	Length gauge for pin L120 mm / template for extremity screws*	1
08	Pin Ø1.2 mm - L120 mm**	3

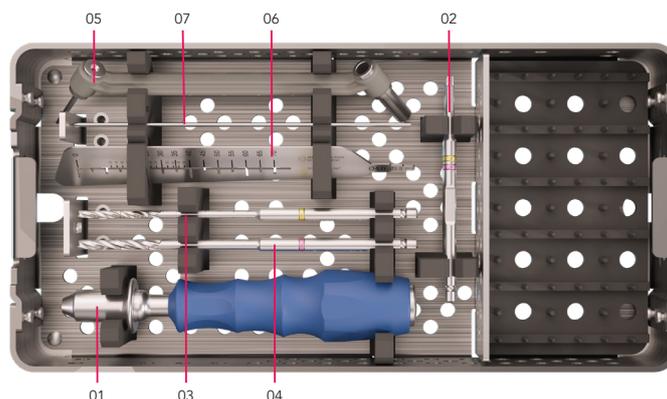
*Also available alone in sterile packaging with the reference "ANC1531-ST"

**Also available alone in sterile packaging with the reference "ANC1570-ST"



Reusable set instrumentation

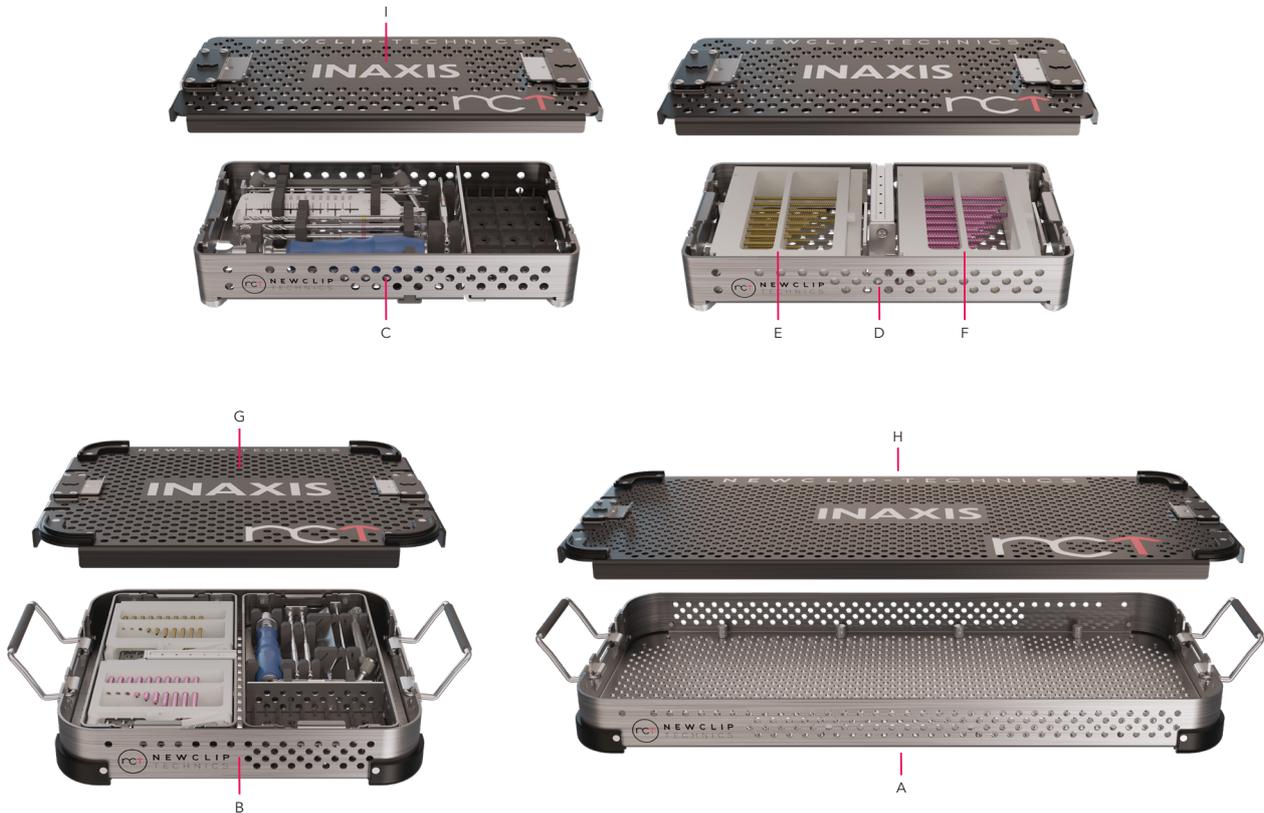
#	Ref.	Description	Qty
01	ANC350	Ø4.5 mm AO quick coupling handle - Size 1	1
02	ANC1562	T10 prehensor quick coupling screwdriver - cannulated Ø1.3 mm	2
03	ANC1497	Ø2.7 mm quick coupling drill bit - cannula Ø1.3 mm - L120 mm	2
04	ANC1729	Ø3.5 mm quick coupling drill bit - cannula Ø1.3 mm - L120 mm	2
05	ANC1566	Ø1.3 mm pin guide / soft tissues protection sleeve for extremity screws	1
06	ANC1531	Length gauge for pin L120 mm / template for extremity screws	1
07	ANC1570	Pin Ø1.2 - L120 mm	3



Container references.

Reusable set

#	Ref.	Description
A	ANC1434/B1	Set - 1 level - Size 1 - Base
B	ANC1434/B4	Set - 1 level - Size 1/2 - Base
C	ANC1572/B2	InAxis set - Ø3.0 & Ø4.0 mm instrumentation - Base
D	ANC1572/B4	InAxis set - Ø3.0 & Ø4.0 mm screws - Base
E	ANC1572/R2	InAxis set - Ø3.0 mm screws - Screw rack
F	ANC1572/R3	InAxis set - Ø4.0 mm screws - Screw rack
G	ANC1572/C2	InAxis set - Size 1/2 - Lid
H	ANC1573/C	InAxis set - Size 1 - Lid
I	ANC1572/C1	InAxis set - Size 1/4 - Lid



This information is intended to demonstrate the Newclip Technics portfolio of medical devices. Always refer to the package insert, product label and/or user instructions including cleaning and sterilization before using any Newclip Technics product. These products must be handled and/or implanted by trained and qualified staff who have read the instructions before use. A surgeon must always rely on her or his own professional clinical judgement when deciding whether to use a particular product when treating a particular patient. Product availability is subject to the regulatory or medical practices that govern individual markets. Please contact your Newclip Technics representative if you have questions about the availability of Newclip Technics products in your area.

Manufacturer: Newclip Technics - Brochure EN - Inaxis - Ed.4 - 01/2026 - Medical devices: 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.
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