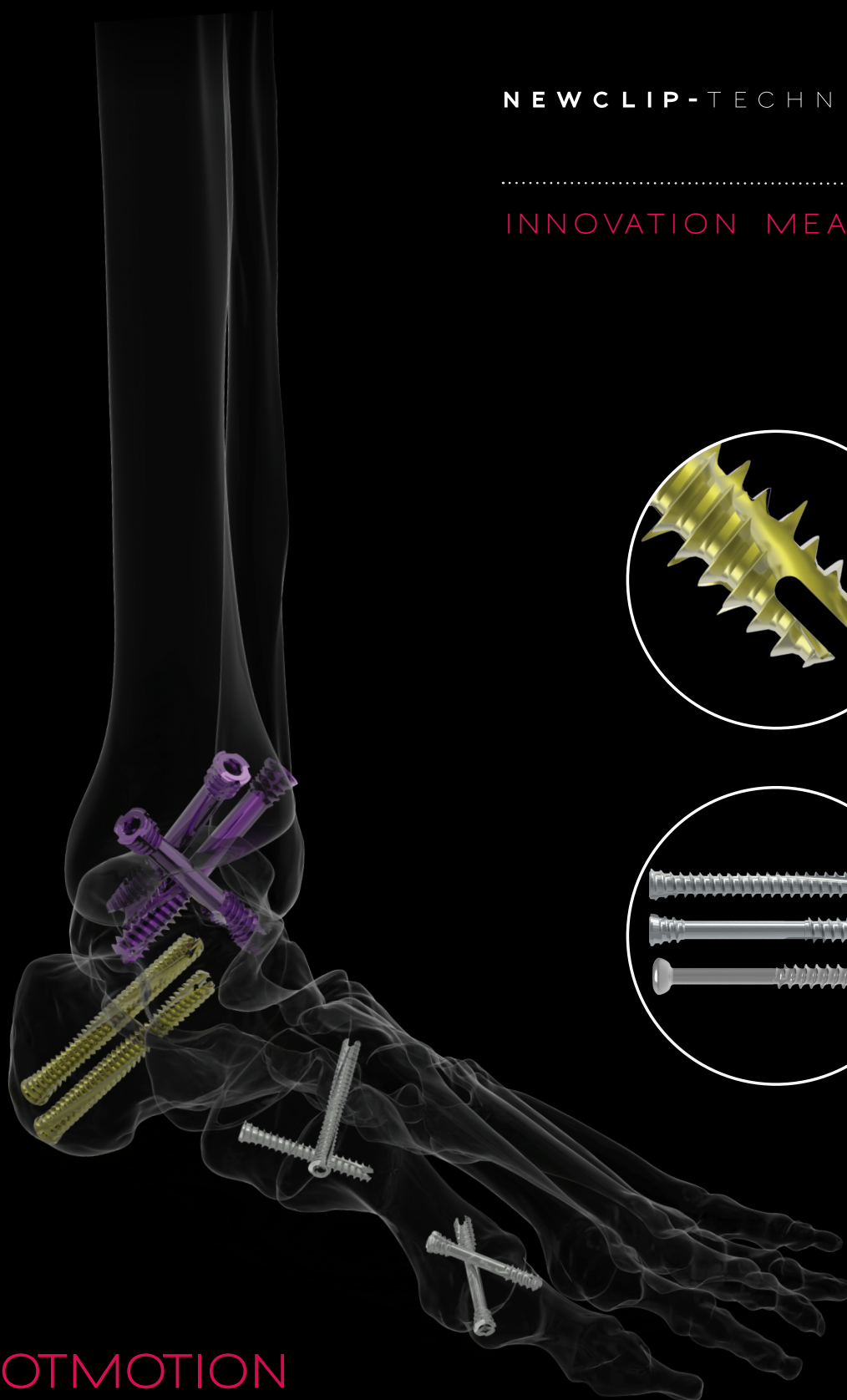




NEWCLIP-TECHNICS

INNOVATION MEANS MOTION



FOOTMOTION LARGE SCREWS

- ▶ Self-drilling and self-tapping cannulated screws
- ▶ 3 types of screws: positioning screw (fully threaded screw), self-compressive screw (partially threaded screw) and compressive screw (short threaded)
- ▶ 3 diameters: Ø4.0 mm, Ø6.0 mm and Ø8.0 mm

FOOTMOTION LARGE SCREWS

INDICATIONS :

The Large screws range is intended for the fixation of bone fractures, pseudarthroses, fusions and osteotomies of foot and ankle as well as medium and large bone fragments including radius, humerus, femur, tibia in adults.

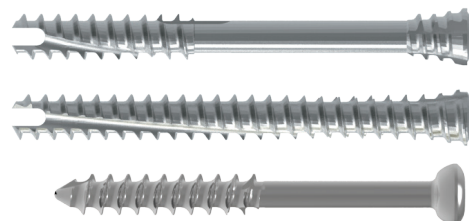
CONTRAINDICATIONS :

- Serious vascular deterioration, bone devitalization.
- Pregnancy.
- Acute or chronic, local or systemic infections.
- Lack of musculo-cutaneous cover, severe vascular deficiency affecting the area.
- Insufficient bone quality preventing a good fixation of the screws into the bone.
- Muscular deficit, neurological deficiency or behavioral disorders, which could submit osteosynthesis to abnormal mechanical strains.
- Foreign body sensitivity or allergy to one of the materials used.
- Patients with mental or neurological conditions who are unwilling or incapable of following post-operative care instructions.
- Patients with poor physical condition and/or mental instability.

A COMPREHENSIVE RANGE OF IMPLANTS: 3 SCREW DIAMETERS

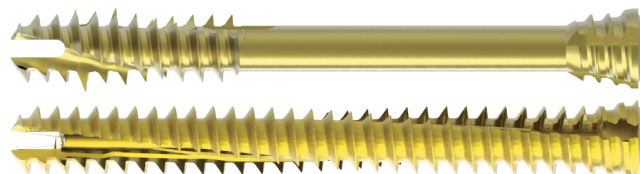
➤ Ø4.0 mm:

- **3 types of cannulated screws** available:
 - Partially threaded self-compressive screw: *Thread length: 10-16 mm*
 - Fully threaded: non-compressive positioning screw
 - Partially threaded headed compressive screw : *Thread length: 13-20 mm*
- **Lengths:**
 - Partially threaded headless screws: 26 to 38 mm (2 mm increment) and 40 to 50 mm (5 mm increment)
 - Fully threaded screws: 30 to 38 mm (2 mm increment) and 40 to 50 mm (5 mm increment)
 - Partially threaded headed screws: 26 to 38 mm (2 mm increment), 52 to 68 mm (2 mm increment) and 30 to 70 mm (5 mm increment)
- **Pin:** Ø1.3 mm



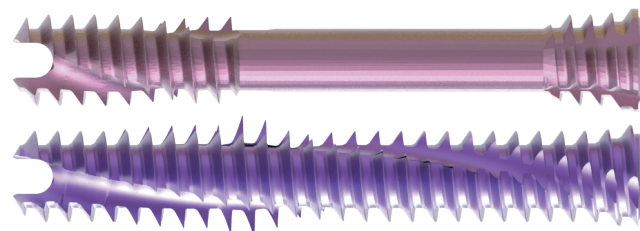
➤ Ø6.0 mm:

- **2 types of cannulated screws** available:
 - Partially threaded: self-compressive screw: *Thread length: 16-20 mm*
 - Fully threaded: non-compressive positioning screw
- **Lengths:** 40 to 100 mm (5 mm increment)
- **Pin:** Ø1.6 mm



➤ Ø8.0 mm:

- **2 types of cannulated screws** available:
 - Partially threaded: self-compressive screw: *Thread length: 16-20 mm*
 - Fully threaded: non-compressive positioning screw
- **Lengths:** 40 to 100 mm (5 mm increment)
- **Pin:** Ø2.5 mm



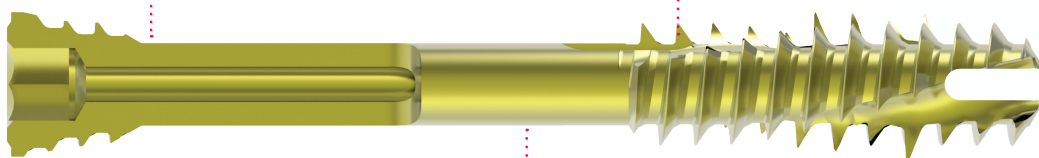
→ **The type of screw** to be used depends on the indication and is up to the surgeon:

- A positioning screw can be used in case of graft fixation or poor density bone,
- A self-compressive screw can be used for accurate control of compression.
- A comprehensive screw can be used for interfragmentary compression or poor bone density.

TECHNICAL FEATURES

Reinforced core and optimized diameter of the cannula regarding the screw diameter

Reverse self tapping system, thus making the removal of the screw easier

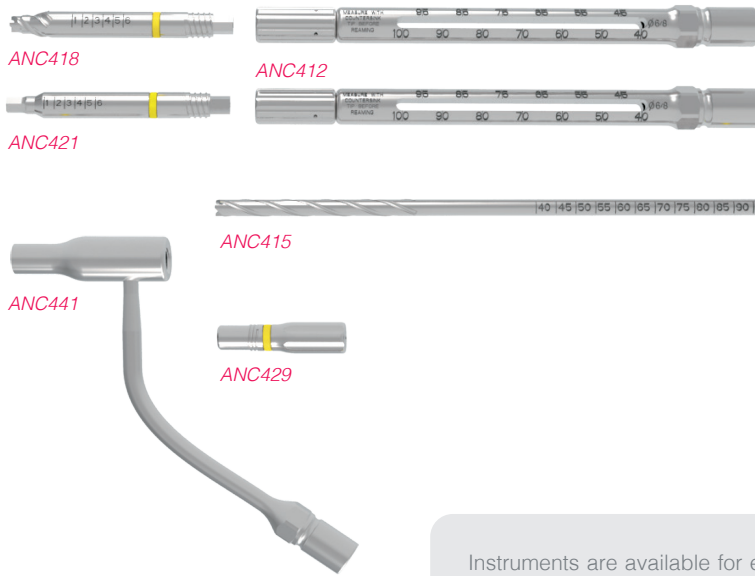


Material: titanium alloy:

Self-drilling and self-tapping systems on the screw extremity for shorter operating time

EASY-TO-USE, ERGONOMICALLY DESIGNED INSTRUMENTS

For illustration purpose, instrumentation dedicated to the Ø6.0 mm screws:



- ANC412: Extension stems (x2) for reamer and screwdriver tips
- ANC418: Reamer tip
- ANC421: Screwdriver tip

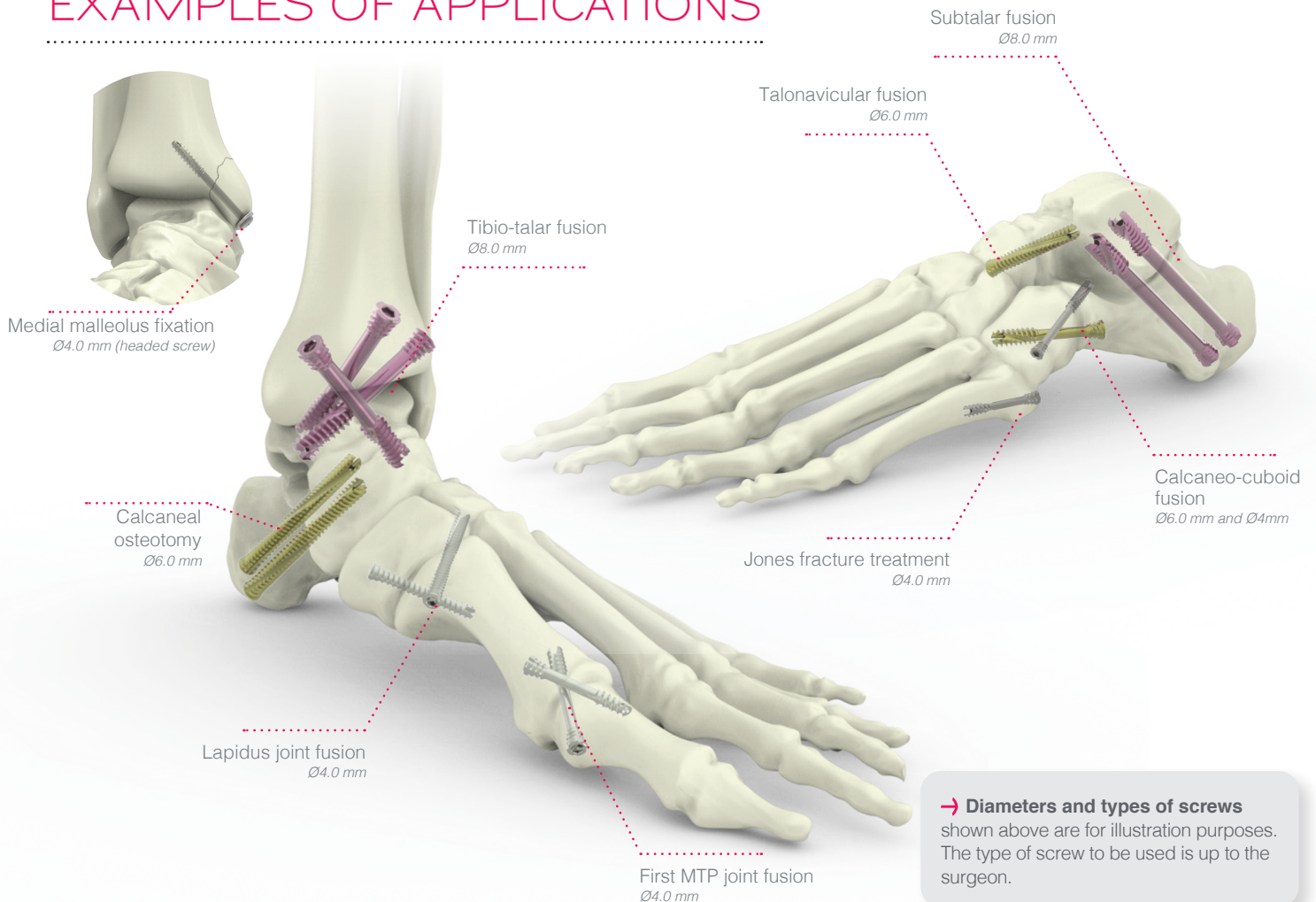
- ANC415: Graduated drill bit for direct reading of the drilling depth, at the rear of the soft tissue protection sleeve (ANC441)
- ANC429: Pin guide
- ANC441: Soft tissue protection sleeve allowing for percutaneous surgical procedures

Instruments are available for each screw diameter, and identified with a silicone coloured ring matching the colour code of the screw:

- Ø4.0 mm: grey ring
- Ø6.0 mm: yellow ring
- Ø8.0 mm: pink ring



EXAMPLES OF APPLICATIONS

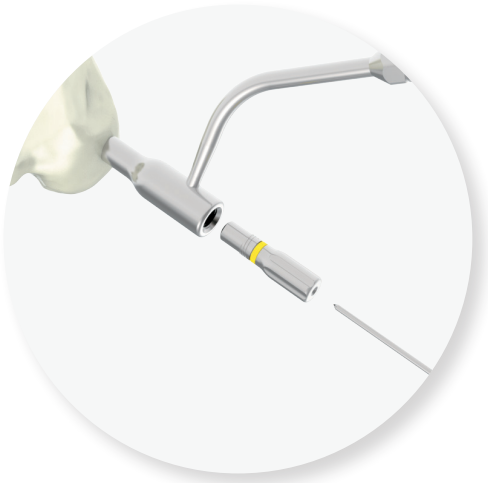


→ **Diameters and types of screws** shown above are for illustration purposes. The type of screw to be used is up to the surgeon.

SURGICAL TECHNIQUE

→ EXAMPLE OF APPLICATION: SUBTALAR FUSION

(Example of subtalar fusion surgical technique with Ø6.0 mm screws and associated instruments.)



STEP 1

Screw the guide for the Ø1.6 mm pin (ANC429) into the soft tissue protection sleeve (ANC441).
Insert the pin (33.0216.180) through the assembly and remove the latter.

STEP 2

Screw the reamer tip (ANC418) in the extension stem (ANC412).

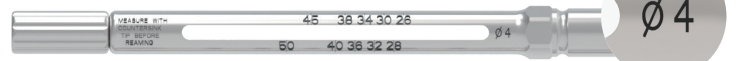
STEP 3

Read the length of the screw on the measuring gauge of the extension stem (ANC412) at the rear of the pin.

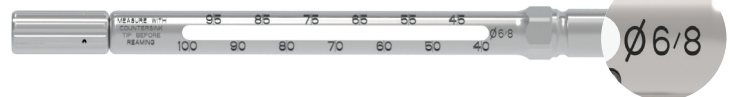
NB: Screw length can be read on both sides of the extension stem:

Use the graduated side corresponding to the chosen screw diameter.

- 1 side is graduated for Ø4.0 mm screws



- 1 side is graduated for Ø6.0 and 8.0 mm screws

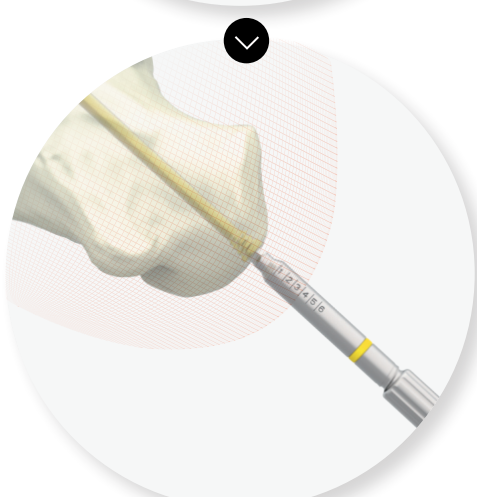
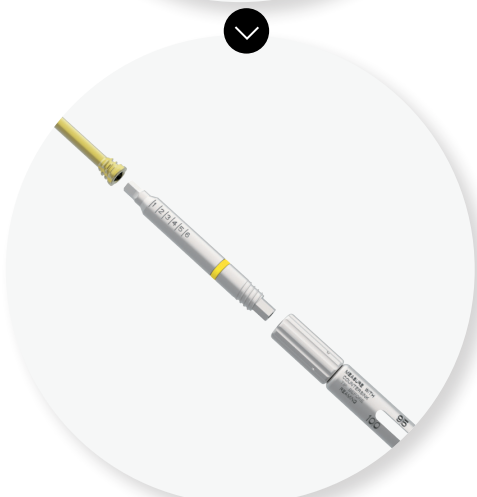
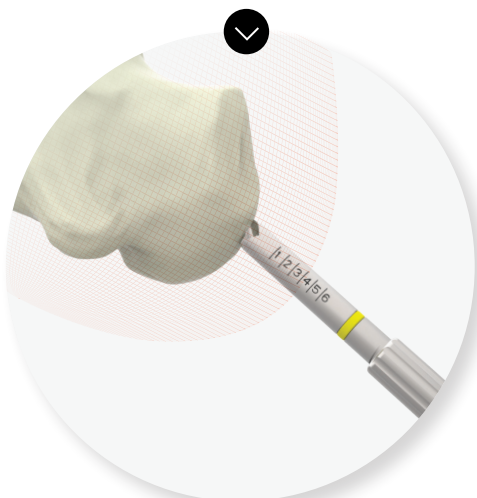


Remark:

In case of dense cortical bone, it is recommended to drill before the screw insertion.

The cannulated drill bit (ANC415) is inserted over the pin and through the soft tissue protection sleeve (ANC441).
Read the screw length on the drill bit, at the rear of the protection sleeve.

SURGICAL TECHNIQUE



STEP 4

Prepare the first cortical using the reamer tip + extension stem assembly (ANC418+ANC412) so that the screw head can be safely inserted. To make the next steps easier, make a note of the number indicating the upper level of the skin.

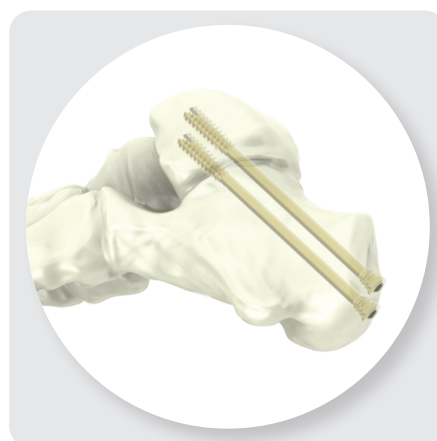
STEP 5

Screw the screwdriver tip (ANC421) into the 2nd extension stem (ANC412). Insert the screw over the pin using the screwdriver.

STEP 6

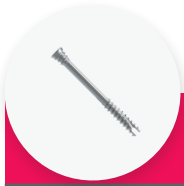
The number read on the gauge during the reaming phase (step 4) can be used as an indicator of the insertion depth: insertion is completed when the number is reached. Remove the pin and check if the implant is on the same level or lower than the first cortical surface.

FINAL RESULT



IMPLANTS REFERENCES

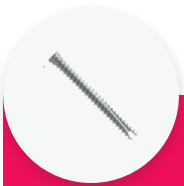
→ Ø4.0 MM SCREWS



SELF-COMPRESSIVE SCREWS*

Ref.	Description
H1.4IFT4.0L26	Self-drilling self-compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - L26 mm
H1.4IFT4.0L28	Self-drilling self-compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - L28 mm
H1.4IFT4.0L30	Self-drilling self-compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - L30 mm
H1.4IFT4.0L32	Self-drilling self-compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - L32 mm
H1.4IFT4.0L34	Self-drilling self-compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - L34 mm
H1.4IFT4.0L36	Self-drilling self-compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - L36 mm
H1.4IFT4.0L38	Self-drilling self-compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - L38 mm
H1.4IFT4.0L40	Self-drilling self-compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - L40 mm
H1.4IFT4.0L45	Self-drilling self-compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - L45 mm
H1.4IFT4.0L50	Self-drilling self-compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - L50 mm

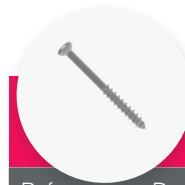
*Not anodized.



POSITIONING SCREWS*

Ref.	Description
H1.4GFT4.0L30	Self-drilling positioning screw - Ø4.0 mm - cannulated Ø1.4 mm - L30 mm
H1.4GFT4.0L32	Self-drilling positioning screw - Ø4.0 mm - cannulated Ø1.4 mm - L32 mm
H1.4GFT4.0L34	Self-drilling positioning screw - Ø4.0 mm - cannulated Ø1.4 mm - L34 mm
H1.4GFT4.0L36	Self-drilling positioning screw - Ø4.0 mm - cannulated Ø1.4 mm - L36 mm
H1.4GFT4.0L38	Self-drilling positioning screw - Ø4.0 mm - cannulated Ø1.4 mm - L38 mm
H1.4GFT4.0L40	Self-drilling positioning screw - Ø4.0 mm - cannulated Ø1.4 mm - L40 mm
H1.4GFT4.0L45	Self-drilling positioning screw - Ø4.0 mm - cannulated Ø1.4 mm - L45 mm
H1.4GFT4.0L50	Self-drilling positioning screw - Ø4.0 mm - cannulated Ø1.4 mm - L50 mm

*Not anodized.



COMPRESSIVE SCREWS SHORT THREAD*

Ref.	Description
H1.4QT4.0L26	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L26 mm
H1.4QT4.0L28	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L28 mm
H1.4QT4.0L30	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L30 mm
H1.4QT4.0L32	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L32 mm
H1.4QT4.0L34	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L34 mm
H1.4QT4.0L35	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L35 mm
H1.4QT4.0L36	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L36 mm
H1.4QT4.0L38	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L38 mm
H1.4QT4.0L40	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L40 mm
H1.4QT4.0L42	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L42 mm
H1.4QT4.0L44	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L44 mm
H1.4QT4.0L45	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L45 mm
H1.4QT4.0L46	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L46 mm
H1.4QT4.0L48	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L48 mm
H1.4QT4.0L50	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L50 mm
H1.4QT4.0L52	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L52 mm
H1.4QT4.0L54	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L54 mm
H1.4QT4.0L55	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L55 mm
H1.4QT4.0L56	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L56 mm
H1.4QT4.0L58	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L58 mm
H1.4QT4.0L60	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L60 mm
H1.4QT4.0L62	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L62 mm
H1.4QT4.0L64	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L64 mm
H1.4QT4.0L65	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L65 mm
H1.4QT4.0L66	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L66 mm
H1.4QT4.0L68	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L68 mm
H1.4QT4.0L70	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L70 mm

*Not anodized.

→ COMPRESSION WASHER, OPTIONAL



WASH-T4: Washer



SET - Ø4.0 MM SCREWS
DELIVERED NON STERILE (ANC612/B)

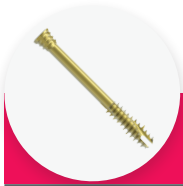
Remark :

Please note that all implants are also available in sterile packaging. An "ST" code is added at the end of the reference.

Example: H1.7IFT6.0L50-ST

IMPLANTS REFERENCES

→ Ø6.0 MM SCREWS



SELF-COMPRESSIVE SCREWS*

Ref.	Description
H1.7IFT6.0L40	Self-drilling self-compressive screw - Ø6.0 mm - cannulated Ø1.7 mm - L40 mm
H1.7IFT6.0L45	Self-drilling self-compressive screw - Ø6.0 mm - cannulated Ø1.7 mm - L45 mm
H1.7IFT6.0L50	Self-drilling self-compressive screw - Ø6.0 mm - cannulated Ø1.7 mm - L50 mm
H1.7IFT6.0L55	Self-drilling self-compressive screw - Ø6.0 mm - cannulated Ø1.7 mm - L55 mm
H1.7IFT6.0L60	Self-drilling self-compressive screw - Ø6.0 mm - cannulated Ø1.7 mm - L60 mm
H1.7IFT6.0L65	Self-drilling self-compressive screw - Ø6.0 mm - cannulated Ø1.7 mm - L65 mm
H1.7IFT6.0L70	Self-drilling self-compressive screw - Ø6.0 mm - cannulated Ø1.7 mm - L70 mm
H1.7IFT6.0L75	Self-drilling self-compressive screw - Ø6.0 mm - cannulated Ø1.7 mm - L75 mm
H1.7IFT6.0L80	Self-drilling self-compressive screw - Ø6.0 mm - cannulated Ø1.7 mm - L80 mm
H1.7IFT6.0L85	Self-drilling self-compressive screw - Ø6.0 mm - cannulated Ø1.7 mm - L85 mm
H1.7IFT6.0L90	Self-drilling self-compressive screw - Ø6.0 mm - cannulated Ø1.7 mm - L90 mm
H1.7IFT6.0L95	Self-drilling self-compressive screw - Ø6.0 mm - cannulated Ø1.7 mm - L95 mm
H1.7IFT6.0L100	Self-drilling self-compressive screw - Ø6.0 mm - cannulated Ø1.7 mm - L100 mm

*Anodized in light yellow.

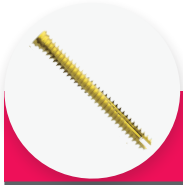
→ Ø8.0 MM SCREWS



SELF-COMPRESSIVE SCREWS*

Ref.	Description
H2.7IFT8.0L40	Self-drilling self-compressive screw - Ø8.0 mm - cannulated Ø2.7 mm - L40 mm
H2.7IFT8.0L45	Self-drilling self-compressive screw - Ø8.0 mm - cannulated Ø2.7 mm - L45 mm
H2.7IFT8.0L50	Self-drilling self-compressive screw - Ø8.0 mm - cannulated Ø2.7 mm - L50 mm
H2.7IFT8.0L55	Self-drilling self-compressive screw - Ø8.0 mm - cannulated Ø2.7 mm - L55 mm
H2.7IFT8.0L60	Self-drilling self-compressive screw - Ø8.0 mm - cannulated Ø2.7 mm - L60 mm
H2.7IFT8.0L65	Self-drilling self-compressive screw - Ø8.0 mm - cannulated Ø2.7 mm - L65 mm
H2.7IFT8.0L70	Self-drilling self-compressive screw - Ø8.0 mm - cannulated Ø2.7 mm - L70 mm
H2.7IFT8.0L75	Self-drilling self-compressive screw - Ø8.0 mm - cannulated Ø2.7 mm - L75 mm
H2.7IFT8.0L80	Self-drilling self-compressive screw - Ø8.0 mm - cannulated Ø2.7 mm - L80 mm
H2.7IFT8.0L85	Self-drilling self-compressive screw - Ø8.0 mm - cannulated Ø2.7 mm - L85 mm
H2.7IFT8.0L90	Self-drilling self-compressive screw - Ø8.0 mm - cannulated Ø2.7 mm - L90 mm
H2.7IFT8.0L95	Self-drilling self-compressive screw - Ø8.0 mm - cannulated Ø2.7 mm - L95 mm
H2.7IFT8.0L100	Self-drilling self-compressive screw - Ø8.0 mm - cannulated Ø2.7 mm - L100 mm

*Anodized in light pink.



POSITIONING SCREWS*

Ref.	Description
H1.7GFT6.0L40	Self-drilling positioning screw - Ø6.0 mm - cannulated Ø1.7 mm - L40 mm
H1.7GFT6.0L45	Self-drilling positioning screw - Ø6.0 mm - cannulated Ø1.7 mm - L45 mm
H1.7GFT6.0L50	Self-drilling positioning screw - Ø6.0 mm - cannulated Ø1.7 mm - L50 mm
H1.7GFT6.0L55	Self-drilling positioning screw - Ø6.0 mm - cannulated Ø1.7 mm - L55 mm
H1.7GFT6.0L60	Self-drilling positioning screw - Ø6.0 mm - cannulated Ø1.7 mm - L60 mm
H1.7GFT6.0L65	Self-drilling positioning screw - Ø6.0 mm - cannulated Ø1.7 mm - L65 mm
H1.7GFT6.0L70	Self-drilling positioning screw - Ø6.0 mm - cannulated Ø1.7 mm - L70 mm
H1.7GFT6.0L75	Self-drilling positioning screw - Ø6.0 mm - cannulated Ø1.7 mm - L75 mm
H1.7GFT6.0L80	Self-drilling positioning screw - Ø6.0 mm - cannulated Ø1.7 mm - L80 mm
H1.7GFT6.0L85	Self-drilling positioning screw - Ø6.0 mm - cannulated Ø1.7 mm - L85 mm
H1.7GFT6.0L90	Self-drilling positioning screw - Ø6.0 mm - cannulated Ø1.7 mm - L90 mm
H1.7GFT6.0L95	Self-drilling positioning screw - Ø6.0 mm - cannulated Ø1.7 mm - L95 mm
H1.7GFT6.0L100	Self-drilling positioning screw - Ø6.0 mm - cannulated Ø1.7 mm - L100 mm

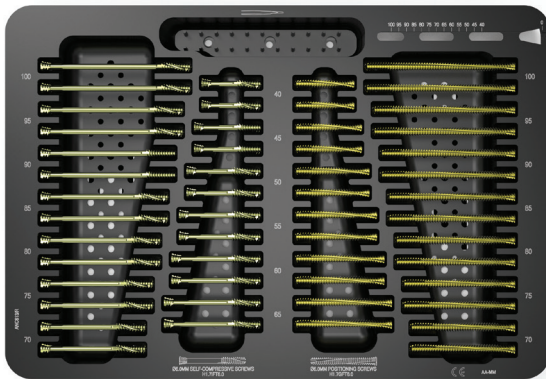
*Anodized in gold.



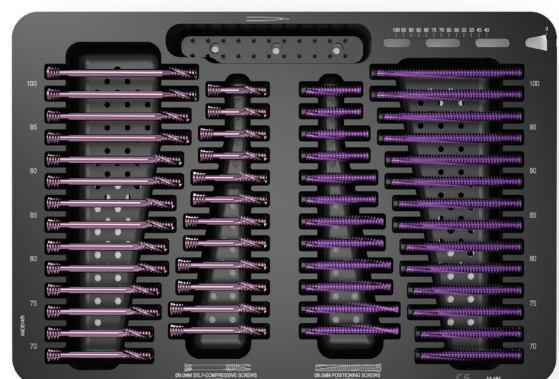
POSITIONING SCREWS*

Ref.	Description
H2.7GFT8.0L40	Self-drilling positioning screw - Ø8.0 mm - cannulated Ø2.7 mm - L40 mm
H2.7GFT8.0L45	Self-drilling positioning screw - Ø8.0 mm - cannulated Ø2.7 mm - L45 mm
H2.7GFT8.0L50	Self-drilling positioning screw - Ø8.0 mm - cannulated Ø2.7 mm - L50 mm
H2.7GFT8.0L55	Self-drilling positioning screw - Ø8.0 mm - cannulated Ø2.7 mm - L55 mm
H2.7GFT8.0L60	Self-drilling positioning screw - Ø8.0 mm - cannulated Ø2.7 mm - L60 mm
H2.7GFT8.0L65	Self-drilling positioning screw - Ø8.0 mm - cannulated Ø2.7 mm - L65 mm
H2.7GFT8.0L70	Self-drilling positioning screw - Ø8.0 mm - cannulated Ø2.7 mm - L70 mm
H2.7GFT8.0L75	Self-drilling positioning screw - Ø8.0 mm - cannulated Ø2.7 mm - L75 mm
H2.7GFT8.0L80	Self-drilling positioning screw - Ø8.0 mm - cannulated Ø2.7 mm - L80 mm
H2.7GFT8.0L85	Self-drilling positioning screw - Ø8.0 mm - cannulated Ø2.7 mm - L85 mm
H2.7GFT8.0L90	Self-drilling positioning screw - Ø8.0 mm - cannulated Ø2.7 mm - L90 mm
H2.7GFT8.0L95	Self-drilling positioning screw - Ø8.0 mm - cannulated Ø2.7 mm - L95 mm
H2.7GFT8.0L100	Self-drilling positioning screw - Ø8.0 mm - cannulated Ø2.7 mm - L100 mm

*Anodized in fuchsia.



SET - Ø6.0 MM SCREWS
DELIVERED NON STERILE (ANC613/B)



SET - Ø8.0 MM SCREWS
DELIVERED NON STERILE (ANC614/B)

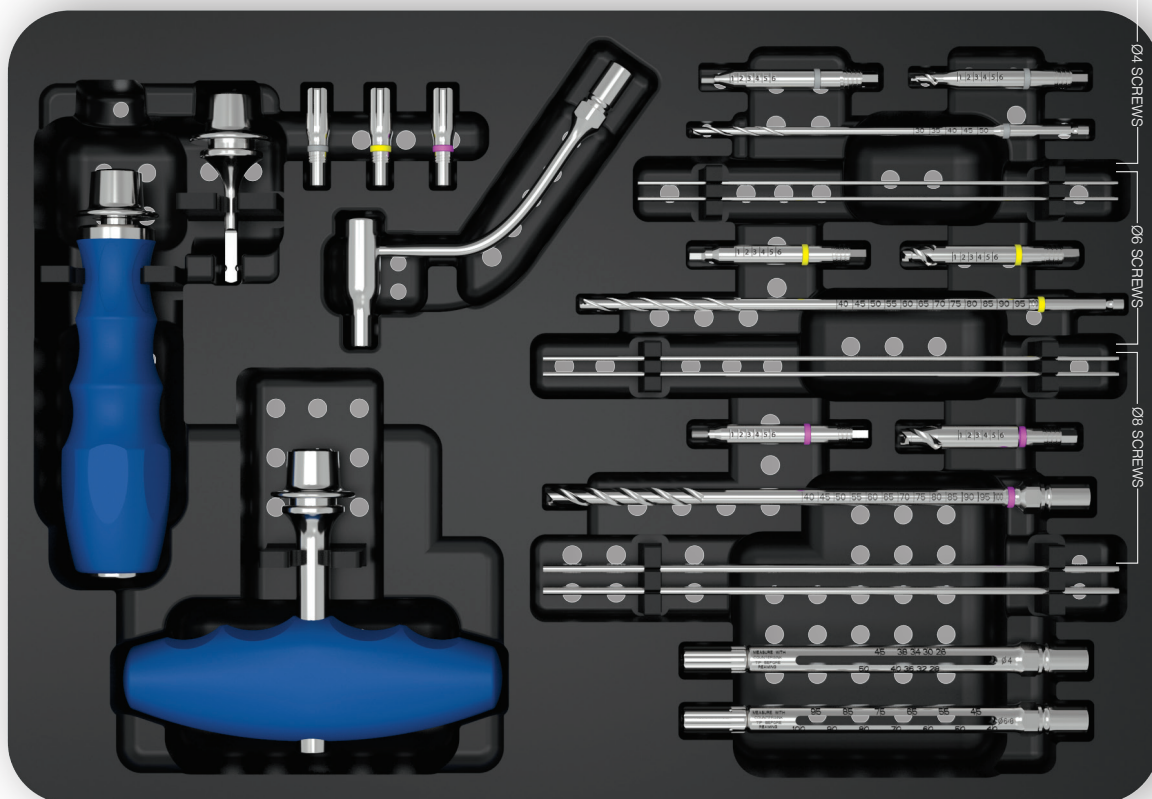
INSTRUMENTS REFERENCES

LARGE SCREWS INSTRUMENTS		
Ref.	Description	Qty
ANC167L	Pins support for Ø1.0 mm pin - Long	1
ANC388	2.5 mm quick coupling hexagonal non prehensor screwdriver - cannula Ø1.4 mm	1
ANC412	Ø11 mm quick coupling extension stem	2
ANC414	Ø2.9 mm drill bit - cannula 1.4 mm - L 125 mm - AO Ø4.5 mm quick coupling	1
ANC415	Ø4.1 mm drill bit - cannula 1.7 mm - L 170 mm - AO Ø4.5 mm quick coupling	1
ANC416	Ø5.6 mm drill bit - cannula Ø2.7 mm - L 170 mm - Ø11 mm quick coupling	1
ANC417	Ø2.9 mm reamer tip - cannula Ø1.4 mm	1
ANC418	Ø4.1 mm reamer tip - cannula Ø1.7 mm	1
ANC419	Ø5.6 mm reamer tip - cannula Ø2.7 mm	1
ANC420	2.5 mm hexagonal screwdriver tip - cannula Ø1.4 mm	1
ANC421	3.5 mm hexagonal screwdriver tip - cannula Ø1.7 mm	1
ANC422	4.0 mm hexagonal screwdriver tip - cannula Ø2.7 mm	1
ANC427	Length gauge for pin Ø1.3 mm - L 120 mm	1
ANC428	Guide for Ø1.3 mm pin	1

LARGE SCREWS INSTRUMENTS		
Ref.	Description	Qty
ANC429	Guide for Ø1.6 mm pin	1
ANC430	Guide for Ø2.5 mm pin	1
ANC441	Soft tissue protection sleeve	1
ANC442	Ø11 mm cannulated quick coupling straight handle	1
ANC443	Ø11 mm cannulated quick coupling T-handle	1
ANC453	Quick coupling adaptor Ø11 mm - AO Ø4.5 mm	1
ANC664	Ø2.9 mm countersink - cannula Ø1.4 mm - AO quick coupling	1
ANC665	Ø1.4 mm pin guide	1
ANC845	Countersink Ø6.0 mm - cannula Ø1.4 m	
WASH T4	Washer	6
A10407M	12 cm pin for washers	1
30920	Prehensive plier for washer	1*
33.0213.120	Pins - Ø1.3 L120 mm	6
33.0213.150	Pins - Ø1.3 L150 mm	6
33.0216.180	Pins - Ø1.6 L180 mm	6
33.0225.180	Pins - Ø2.5 L180 mm	6

(*) 1 part in each set of non sterile screws

→ INSTRUMENTS SET CONTENT



INSTRUMENTS SET (ANC434/B)

The information presented in this brochure is intended to demonstrate a NEWCLIP TECHNICS product. Always refer to the package insert, product label and/or user instructions before using any NEWCLIP TECHNICS product. Surgeons must always rely on their own clinical judgment when deciding which products and techniques to use with their patients. Products may not be available in all markets. 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.



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