

Initial S™: Single use sterile kits for Ø4.0 mm cannulated headed screws

Initial S™ - Kit content

Indications :

The Initial S™ single use sterile kits consist of a set of instruments or a set of instruments and implants (washers) to be used only in trauma or orthopaedic surgery, when Newclip Technics screws for osteosynthesis are fitted.

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

Contraindications :

- Serious vascular deterioration, bone devitalization,
- Pregnancy.
- Acute or chronic local or systemic infections.
- Lack of musculo-cutaneous cover, severe vascular deficiency affecting the concerned area.
- Insufficient bone quality preventing a good fixation of the implants into the bone,
- Muscular deficit, neurological deficiency or behavioral disorders, which could submit the implant to abnormal mechanical strains.
- Allergy to one of the materials used or sensitivity to foreign bodies.
- Serious problems of non-compliance, mental or neurological disorders, failure to follow post-operative care recommendations.
- Unstable physical and/or mental condition.

STERILE INSTRUMENTATION FOR Ø4.0 MM CANNULATED SCREWS

Ref	Description	Content	Qty
KIT-SCQ4.0	Kit for Ø4.0 mm headed cannulated screws	Length gauge for pin Ø1.3 mm	1
		2 in 1: 2.5 mm hexagonal screwdriver - Ø6.0 mm countersink	1
		Ø2.9 mm drill bit - cannula 1.4 mm - L 120 mm - AO Ø4.5 mm quick coupling	1
		5.8 mm single use handle	1
		Pin Ø1.3 L140 mm	3
		Washer	2

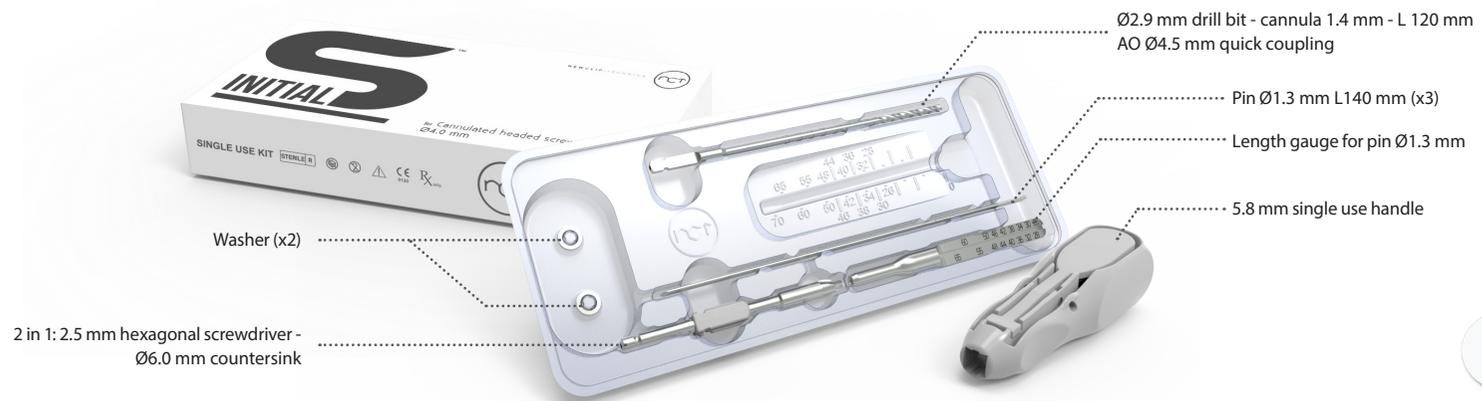
REMOVAL KIT

Ref	Description	Content	Qty
KIT-REMOVE-A	Removal kit for hexagonal stamp 2,5 mm	2 in 1: 2.5 mm hexagonal prehensor screwdriver - Ø3.5 mm countersink	1

CANNULATED HEADED SCREWS Ø4.0 MM*

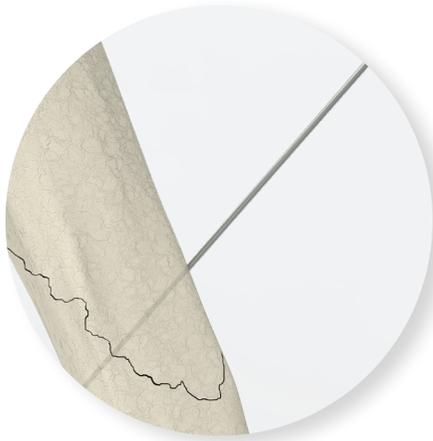
Ref.	Description
H1.4QT4.0L26-ST	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L 26 mm - STERILE
H1.4QT4.0L28-ST	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L28 mm - STERILE
H1.4QT4.0L30-ST	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L30 mm - STERILE
H1.4QT4.0L32-ST	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L32 mm - STERILE
H1.4QT4.0L34-ST	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L34 mm - STERILE
H1.4QT4.0L36-ST	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L36 mm - STERILE
H1.4QT4.0L38-ST	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L38 mm - STERILE
H1.4QT4.0L40-ST	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L40 mm - STERILE
H1.4QT4.0L42-ST	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L42 mm - STERILE
H1.4QT4.0L44-ST	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L44 mm - STERILE
H1.4QT4.0L46-ST	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L46 mm - STERILE
H1.4QT4.0L48-ST	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L48 mm - STERILE
H1.4QT4.0L50-ST	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L50 mm - STERILE
H1.4QT4.0L55-ST	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L55 mm - STERILE
H1.4QT4.0L60-ST	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L60 mm - STERILE
H1.4QT4.0L65-ST	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L65 mm - STERILE
H1.4QT4.0L70-ST	Self-drilling compressive screw - Ø4.0 mm - cannulated Ø1.4 mm - short thread - L70 mm - STERILE

*Available separately in sterile version.

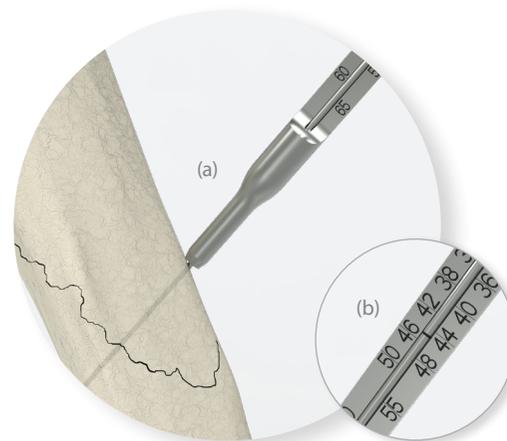


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Surgical technique



1. Insert the Ø1.3 mm pin to stabilize the two fragments.

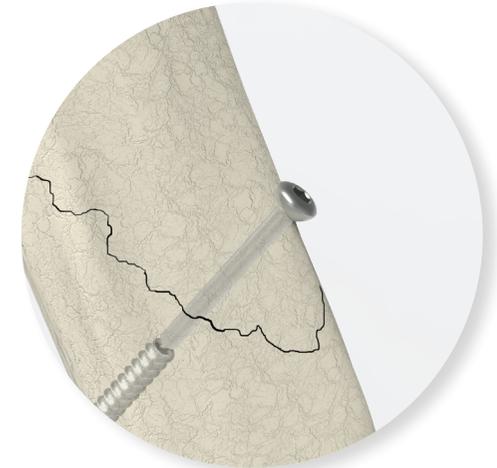


2. Slide the length gauge along the Ø1.3 mm pin until the cortex is reached (a). Determine the insertion depth using the marking on the pin (b).

NB: The pin can then be inserted deeper in order to prevent its removal during drilling.



3. Select the appropriate screw length and insert the screw along the pin using the screwdriver part of the 2-in-1 instrument until the desired reduction and compression are achieved. Then remove the pin.

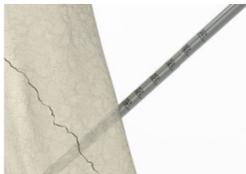


FINAL RESULT

Optional steps:

These steps can be done before screwing.

1- In case of a hard bone density or several cortices, it is recommended to drill before the screw insertion. The drilling depth can be checked using the marking on the drill bit.



2- If reaming is required, widen the surface of the insertion using the countersink part of the 2-in-1 instrument.



Compression washer



NB: In case of osteoporotic bone, it is possible to add a compression washer under the screw head before the 'step 3' to obtain an optimized compression.



The 2-in-1 instrument can be used with the handle and the power tool. In the latter case, it is recommended to finalize the screwing by hand. To release the 2-in-1 instrument from the handle, press the button (c).



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