

ACTIV SCREW.



HEADED CANNULATED
COMPRESSION SCREWS





Activ Screw.

HEADED CANNULATED COMPRESSION 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.

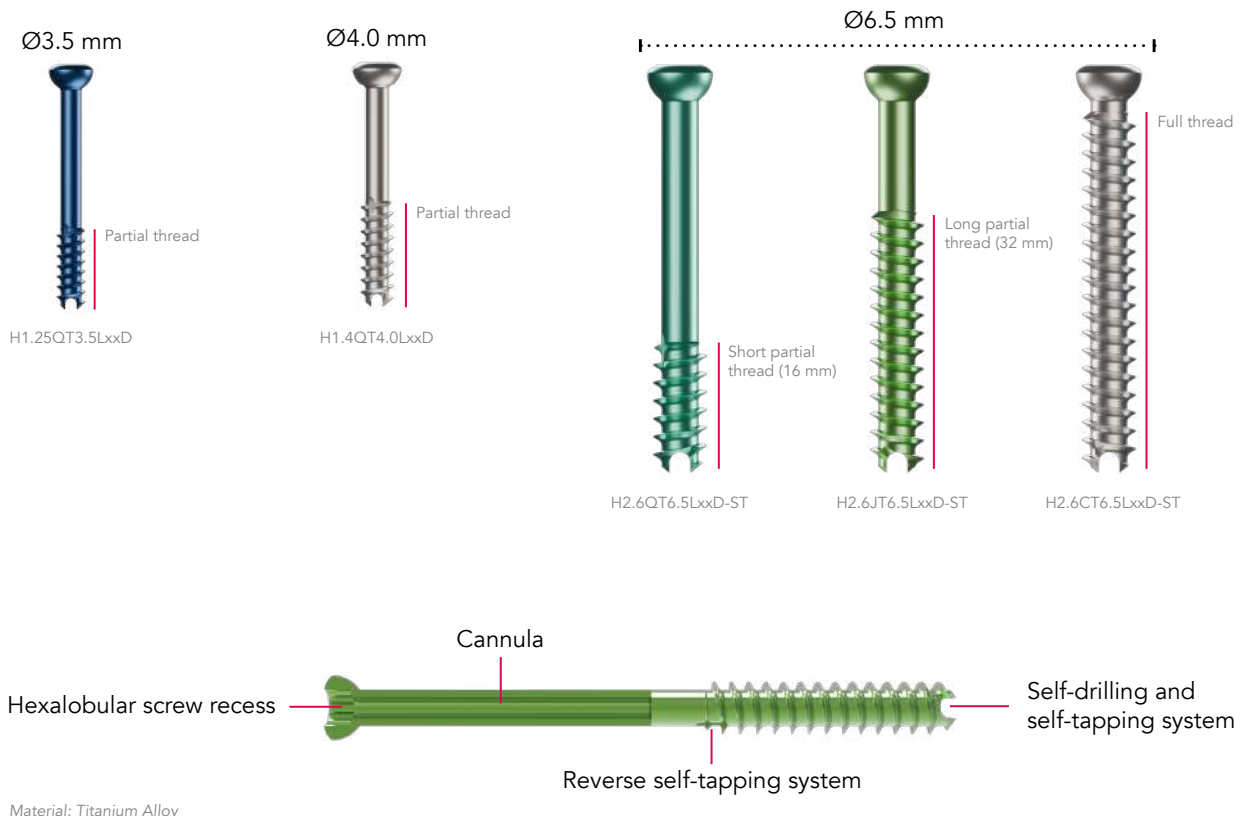
Contra-indications:

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

A comprehensive range of screws.

SCREW FEATURES

- Ø3.5, Ø4.0, Ø6.5 mm cannulated screws
- Hexalobular screw recess design
- Headed compressive screws
- Self-drilling and self-tapping systems



- All screws are compatible with the dedicated compression washers. The use of washers allows optimization of compression and minimizes the risk of unintentional intrusion of the screw head through the bone⁽¹⁾. In addition, washers provide improved load distribution beneath the screw head, thereby reducing the risk of fixation loss⁽¹⁾.

1. Bishop et al., Biomechanical Significance of Washer Use, J Orthop Trauma 2014;28:114–117



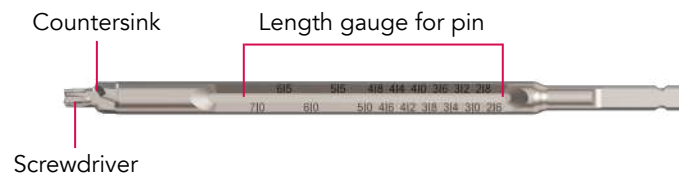
A comprehensive range of instruments.

INSTRUMENT FEATURES

One kit of instrumentation per diameter.

For Ø3.5 mm screws & Ø4.0 mm screws

- A patented 3 in 1 instrument featuring length gauge for pin, countersink and screwdriver is available for each Ø3.5 mm kit and Ø4.0 mm kit.



For Ø6.5 mm screws

- A protection sleeve (ANC754) for soft tissues preservation and the whole surgery guided through a Ø2.5 mm L230 mm pin (33.0225.230).

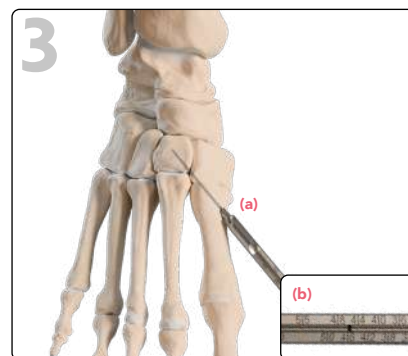


- Two types of handles for an ergonomic use: straight handle (ANC442) and T-handle (ANC443).
- A cannulated Jacobs adaptor (ANC1585) for large couplings of drill bit (ANC727) and 2 in 1 instrument (ANC730).



Surgical technique.

EXAMPLE OF APPLICATION FOR Ø4.0 MM SCREWS: LAPIDUS ARTHRODESIS (PAGE 1/2)



Perform the desired incision and preparation. Then, insert the Ø1.3 L150 mm pin (ANC1456) to maintain the correction.

Slide the 3 in 1 instrument (ANC1288) 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 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 drilling step.



To ease the screw insertion, countersink the first cortex using the 3 in 1 instrument (ANC1288).

Drill to the desired depth with the Ø2.9 mm quick coupling drill bit (ANC1895).

The drilling depth can be checked using the markings on the drill^(c).

Select the appropriate screw length and insert the compressive screw along the pin using the screwdriver part of the 3 in 1 instrument (ANC1288) until the desired reduction and compression are achieved. Then remove the pin.

Warning: Final tightening of the screws must be performed by hand.

EXAMPLE OF APPLICATION FOR Ø4.0 MM SCREWS: LAPIDUS ARTHRODESIS (PAGE 2/2)



**FINAL
RESULT.**



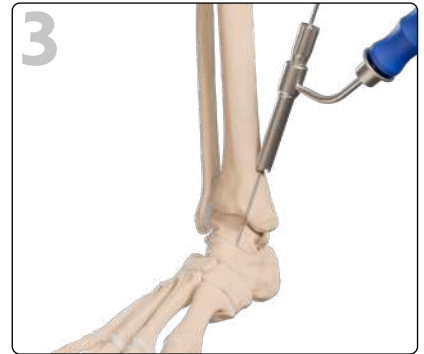
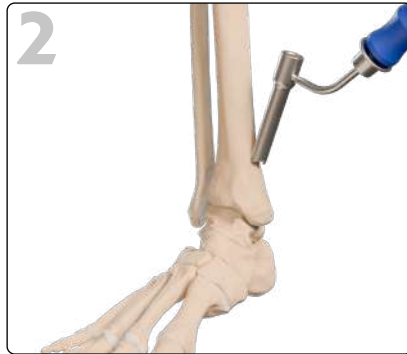
Repeat the whole procedure for the other screw.

N.B: A washer (WASH-T4) can be used in the case of poor bone quality.



The same surgical technique applies for Ø3.5 mm screws.

EXAMPLE OF APPLICATION FOR Ø6.5 MM SCREWS: TIBIO-TALAR ARTHRODESIS (PAGE 1/2)



Perform the desired incision and preparation. Then, through the incision, insert the soft tissues protection sleeve (ANC754) up to the bone.

The protection sleeve can be held with the handle (ANC442).

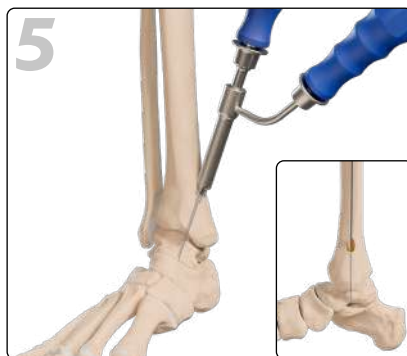
N.B: The whole procedure can be done through the protection sleeve.

Screw the Ø2.5 mm pin guide (ANC735) into the soft tissues protection sleeve and insert a Ø2.5 mm pin (33.0225.230).

Then, remove the pin guide from the protection sleeve.



Guide the length gauge (ANC733) along the pin and through the soft tissues protection sleeve up to the bone surface. Read the insertion depth on the length gauge (at the end of the pin).



Perform a soft preparation of the cortex to bury the head of the screw into the bone with the countersink part of the 2 in 1 instrument (ANC730).



Drill through the soft tissues protection sleeve with the Ø4.6 mm cannulated drill bit (ANC727).

N.B: The drilling depth can be checked at the rear of the protection sleeve using the markings on the drill bit.

EXAMPLE OF APPLICATION FOR Ø6.5 MM SCREWS: TIBIO-TALAR ARTHRODESIS (PAGE 2/2)



Insert the desired screw through the soft tissues protection sleeve with the screwdriver part of the 2 in 1 instrument (ANC730).

Warning: Final tightening of the screws must be performed by hand.



Repeat the whole procedure for the other screws.

N.B: A washer (WASH-T6.5-ST) can be used in the case of poor bone quality but is not compatible with the protection sleeve.

FINAL RESULT.



Implant references.

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

Ex : « H1.25QT3.5L14D-ST »

Ø3.5 mm compressive screws*

Ref.	Description
H1.25QT3.5L14D** to H1.25QT3.5L50D**	Ø3.5 mm compressive screw - cannula Ø1.25 - L14 to 50 mm (2 mm increments)

*Also available in a sterile version

**Blue anodized



Ø4.0 mm compressive screws*

Ref.	Description
H1.4QT4.0L26D** to H1.4QT4.0L50D**	Ø4.0 mm compressive screw - cannula Ø1.4 - short thread - L26 to 50 mm (2 mm increments)
H1.4QT4.0L55D** to H1.4QT4.0L70D**	Ø4.0 mm compressive screw - cannula Ø1.4 - short thread - L55 to 70 mm (5 mm increments)

*Also available in a sterile version

**Non anodized



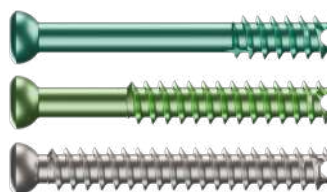
Ø6.5 mm compressive screws

Ref.	Description
H2.6QT6.5L40D-ST* to H2.6QT6.5L120D-ST*	Ø6.5 mm compressive screw - cannula Ø2.6 - short thread - L40 to 120 mm - STERILE (5 mm increments)
H2.6JT6.5L45D-ST** to H2.6JT6.5L120D-ST**	Ø6.5 mm compressive screw - cannula Ø2.6 - long thread - L45 to 120 mm - STERILE (5 mm increments)
H2.6CT6.5L40D-ST*** to H2.6CT6.5L120D-ST***	Ø6.5 mm standard cortical screw - cannula Ø2.6 - full thread - L40 to 120 mm - STERILE (5 mm increments)

*Turquoise green anodized

**Green anodized

***Non anodized



Compressive washer for Ø3.5 mm & Ø4.0 mm screws*

Ref.	Description
WASH-T4	Compression washer for Ø4.0 mm compressive screws

*Also available in a sterile version



Compressive washer for Ø6.5 mm screws

Ref.	Description
WASH-T6.5-ST	Compression washer for Ø6.5 mm compressive screws - STERILE



Instrument references.

Instruments for Ø3.5 mm screws

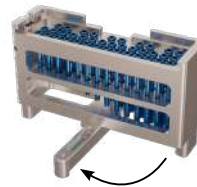
#	Ref.	Description	Qty
01	ANC350	Ø4.5 mm AO quick coupling handle - Size 1	1
02	ANC1284	3 in 1 instrument for Ø3.5 mm screws	1
03	ANC1454	Pin Ø1.2 - L150 mm	6
04	ANC1675	T15 prehensor screwdriver with AO quick coupling system - cannula Ø1.4 mm	1
05	ANC1841	Ø2.5 mm quick coupling drill bit - cannula Ø1.3 mm - L110 mm	1
06	ANC1890	Prehensive plier for implants	1

Optional instrumentation

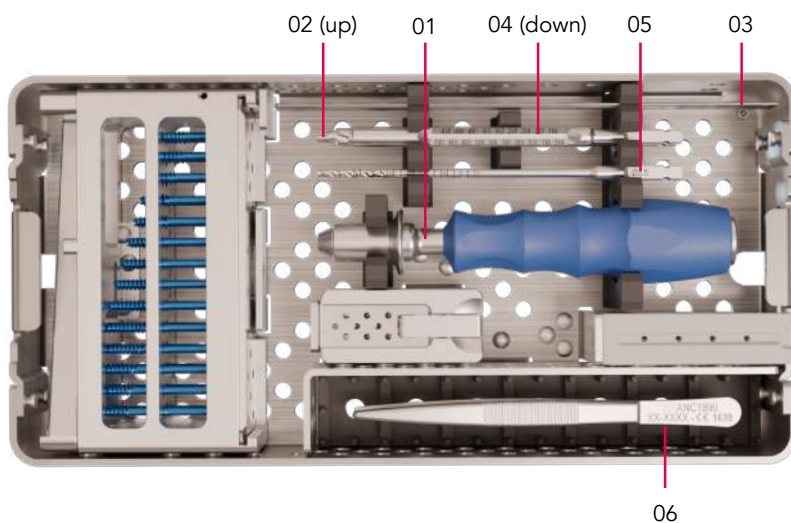
#	Ref.	Description
/	ANC1454-ST	Pin Ø1.2 - L150 mm - STERILE
/	ANC1841-ST	Ø2.5 mm quick coupling drill bit - cannula Ø1.3mm - L110 mm - STERILE

Container references

#	Ref.	Description	Qty
07	ANC1346/B	Activ Screw set - Ø3.5 mm Compressive Screws - Base	1
08	ANC1346/C	Activ Screw set - Ø3.5 mm Compressive Screws - Lid	1
09	ANC1346/R	Activ Screw set - Ø3.5 mm Compressive Screws - Screw rack - H1.25QT3.5LxxD	1



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

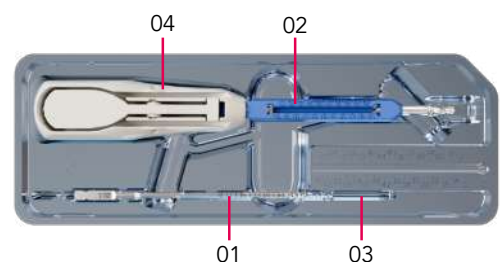


Sterile instrumentation for Ø3.5 mm compressive screws

Ref.	Description
KIT-SCQD3.5	Instrumentation kit for Ø3.5 mm compressive cannulated screws

Instrumentation content

#	Description	Qty
1	Ø2.5 mm quick coupling drill bit – cannula Ø1.3 mm – L110 mm	1
2	3 in 1 instrument for Ø3.5 mm screws	1
3	Pin Ø1.2 - L150 mm	3
4	5.8 mm single use handle	1



Instruments for Ø4.0 mm screws

#	Ref.	Description	Qty
01	ANC350	Ø4.5 mm AO quick coupling handle - Size 1	1
02	ANC1288	3 in 1 instrument for Ø4.0 mm screws	1
03	ANC1456	Pin Ø1.3 - L150 mm	6
04	ANC1675	T15 prehensor screwdriver with AO quick coupling system - cannula Ø1.4 mm	1
05	ANC1895	Ø2.9 mm quick coupling drill bit - cannula Ø1.4 mm - L120 mm	1
06	ANC1890	Prehensive plier for implants	1

Optional instrumentation

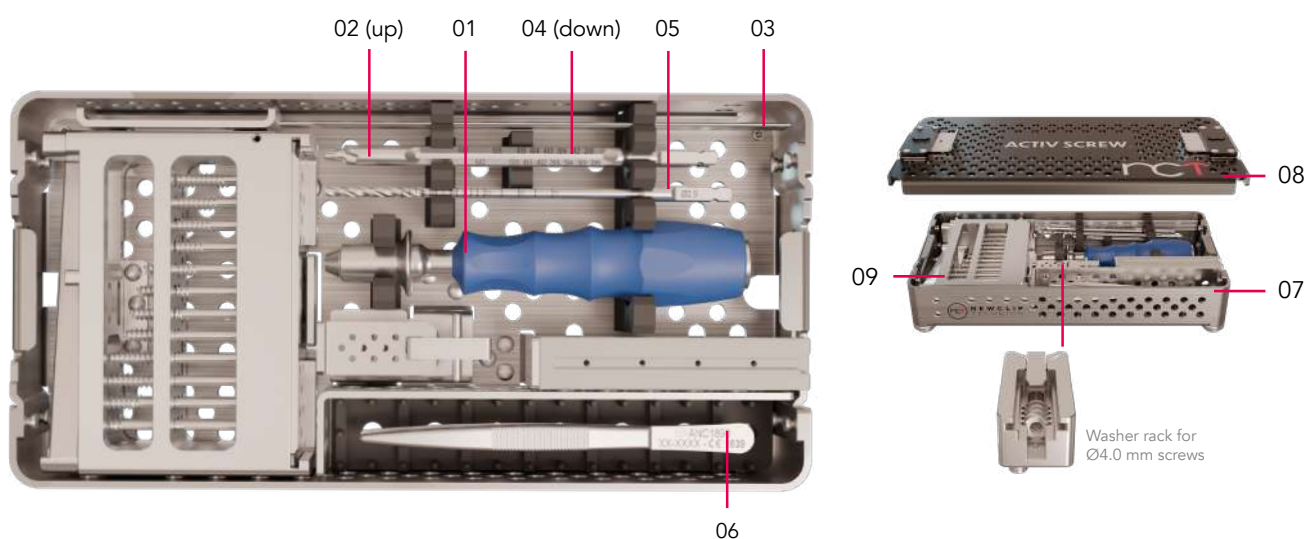
#	Ref.	Description
/	ANC1456-ST	Pin Ø1.3 - L150 mm - STERILE
/	ANC1895-ST	Ø2.9 mm quick coupling drill bit - cannula Ø1.4 mm - L120 mm - STERILE

Container references

#	Ref.	Description	Qty
07	ANC1347/B	Activ Screw set - Ø4.0 mm Compressive Screws - Base	1
08	ANC1347/C	Activ Screw set - Ø4.0 mm Compressive Screws - Lid	1
09	ANC1347/R	Activ Screw set - Ø4.0 mm Compressive Screws - Screw rack - H1.4QT4.0LxxD	1



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

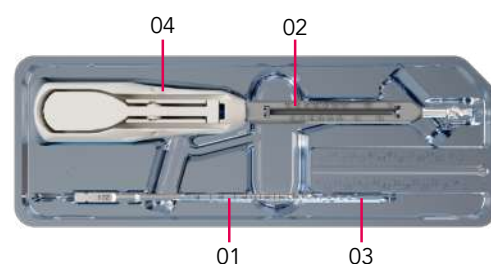


Sterile instrumentation for Ø4.0 mm compressive screws

Ref.	Description
KIT-SCQD4.0	Instrumentation kit for Ø4.0 mm compressive cannulated screws

Instrumentation content

#	Description	Qty
1	Ø2.9 mm quick coupling drill bit – cannula Ø1.4 mm – L120 mm	1
2	3 in 1 instrument for Ø4.0 mm screws	1
3	Pin Ø1.3 - L150 mm	3
4	5.8 mm single use handle	1

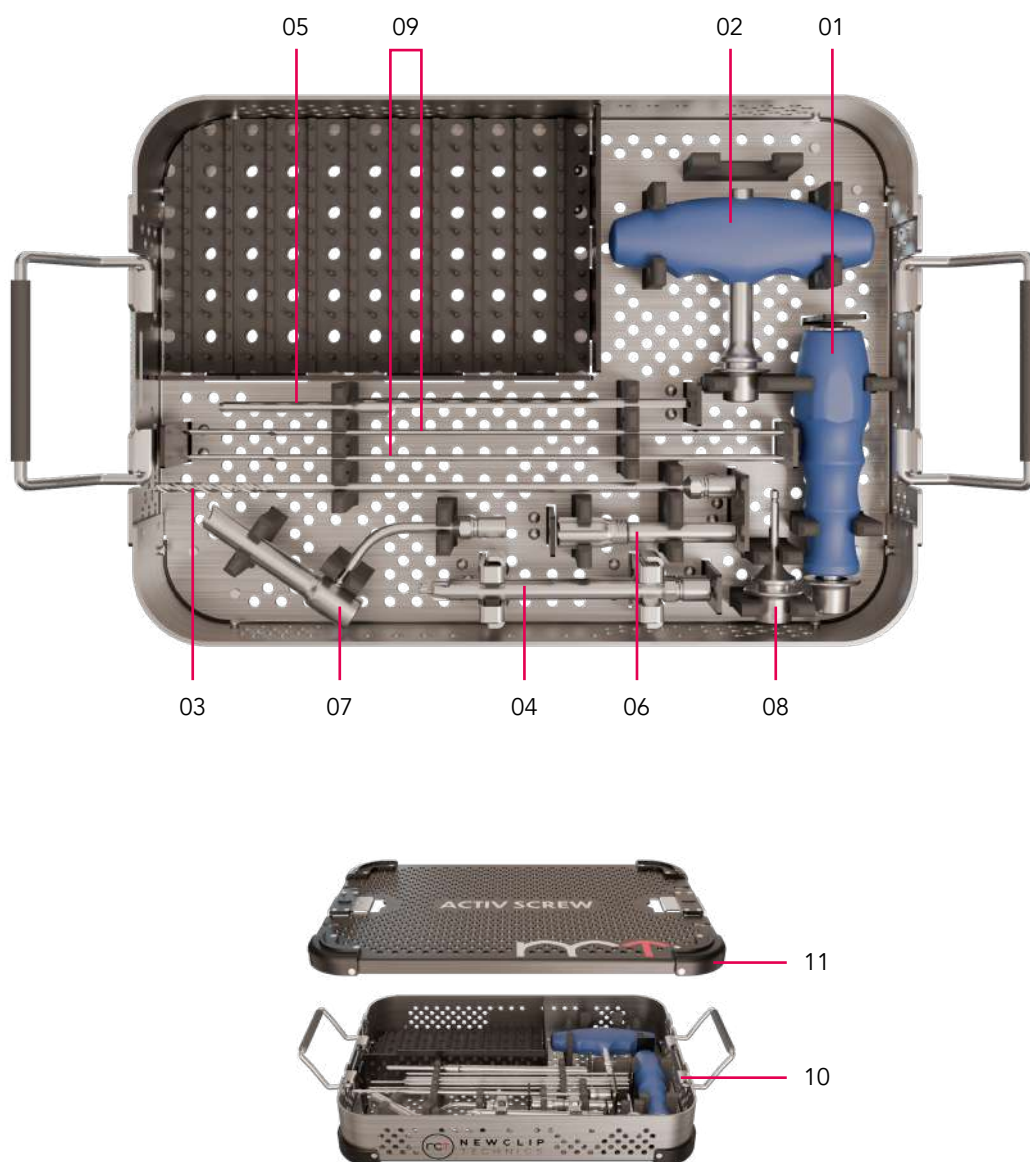


Instruments for Ø6.5 mm screws

#	Ref.	Description	Qty
01	ANC442	Ø11 mm cannulated quick coupling straight handle	1
02	ANC443	Ø11 mm cannulated quick coupling T-handle	1
03	ANC727	Ø4.6 mm drill bit - cannula Ø2.6 mm - L260 mm	1
04	ANC730	2 in 1 : T25 screwdriver Ø2.6 mm cannulated - Ø8.0 mm countersink	2
05	ANC733	Length gauge for pin Ø2.5 mm - L210 mm	1
06	ANC735	Ø2.5 mm pin guide	1
07	ANC754	Soft tissues protection sleeve	1
08	ANC1585	Jacobs cannulated quick coupling adaptor for Ø11 mm instruments	1
09	33.0225.230	Pin Ø2.5 - L230 mm	6

Container references

#	Ref.	Description	Qty
10	ANC1143/B	Activ Screw - Ø6.5 mm cannulated instrumentation set - Base	1
11	ANC1143/C	Activ Screw - Ø6.5 mm cannulated instrumentation set - Lid	1



IMPLANTS REMOVAL

If you have to remove **Ø3.5 mm ACTIV SCREW implants**, make sure to order the Newclip Technics removal instruments:

- ANC042: Mini set - Base
- ANC350: Ø4.5 mm AO quick coupling handle - Size 1
- ANC1454: Pin Ø1.2 - L150 mm
- ANC1675: T15 prehensor screwdriver with AO quick coupling system - cannula Ø1.4 mm

A removal sterile kit is also available:

- KIT-REMOVE-3: Removal kit for T15 hexalobe

If you have to remove **Ø4.0 mm ACTIV SCREW implants**, make sure to order the Newclip Technics removal instruments:

- ANC042: Mini set - Base
- ANC350: Ø4.5 mm AO quick coupling handle - Size 1
- ANC1456: Pin Ø1.3 - L150 mm
- ANC1675: T15 prehensor screwdriver with AO quick coupling system - cannula Ø1.4 mm

A removal sterile kit is also available:

- KIT-REMOVE-3: Removal kit for T15 hexalobe

If you have to remove **Ø6.5 mm ACTIV SCREW implants**, make sure to order the Newclip Technics removal instruments:

- ANC042: Mini set - Base
- ANC442: Ø11 mm cannulated quick coupling straight handle
- ANC730: 2 in 1: T25 screwdriver Ø2.6 mm cannulated - Ø8.0 mm countersink
- 33.0225.230: Pin Ø2.5 - L230 mm

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 - Activ Screw - Ed.04 - 07/2026 - 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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