

SINGLE USE KIT

STERILE R



NEWCLIP
TECHNICS

INITIAL

Xpert 2.4
Fragment Specific

With a non sterile standard kit



Calling on medical staff

Constraints > Complex traceability + Contracted out sterilization + Suppliers' deadline

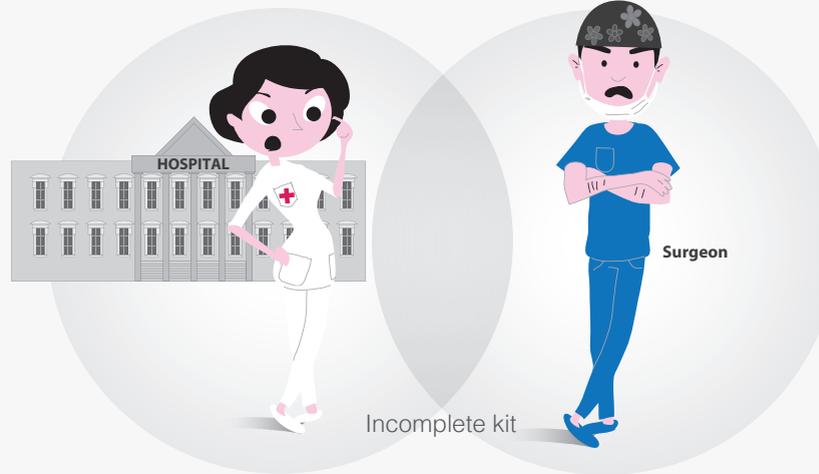
High costs



- \$ Stocks
- \$ Control
- \$ Cleaning
- \$ Decontamination
- \$ Sterilization



Bulky storage



Complex process



Prevents an effective solution & a quick response



Defective sterilization



Incomplete kit



Damaged instrumentation



INCREASED RISKS
NON OPTIMAL surgery



URGENT SURGICAL CASES COMPROMISED

Safety >

TRACEABILITY
100%



STERILE R
SINGLE USE KIT



**Always
NEW**



**Risk
of contamination**

Cost efficiency



Controlled stocks
Simplified control

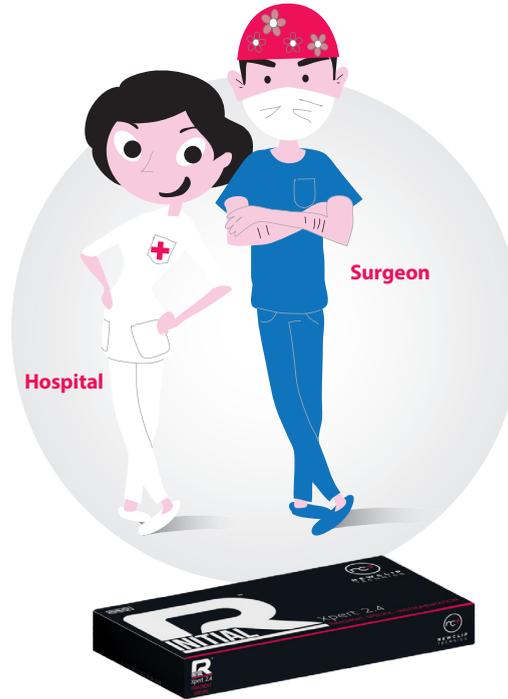
- 0** Cleaning
- 0** Decontamination
- 0** Sterilization



**Sundry
expenses**



Optimized storage



Efficiency



- 1** Delivery
- 2** Storage
- 3** Surgery



An effective solution & a quick response



Available when needed



**READY-TO-USE FOR
SURGERY**

**+ Optimized handling of
URGENT SURGICAL CASES**

Ready
when you are!

STERILE R SINGLE USE KIT
with state-of-the-art implants



Available when needed:

The Initial R™ Xpert 2.4 fragment specific kit comes pre-sterilized and ready to use. The combination of sterile implants and single use instrumentation in a single packaging makes Initial R™ Xpert 2.4 ideal for use in urgent surgical cases.



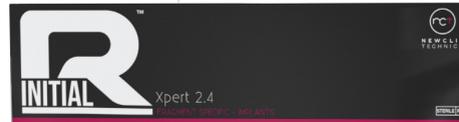
Safety:

The Initial R™ Xpert 2.4 fragment specific kit is fully traceable and has a shelf life of 5 years. Its instrumentation and implants are “always new” and have never been opened or used before.



Storage:

Initial R™ Xpert 2.4 fragment specific kit can be easily stored in the operating room because of its small size.



Costs:

Initial R™ Xpert 2.4 fragment specific is a cost-effective solution. The additional costs including cleaning, decontamination, sterilization of kits are cancelled.



Contamination:

The combination of implants and sterile single-use instrumentation minimizes contamination risks.



Buying procedure:

Initial R™ Xpert 2.4 fragment specific facilitates buying procedures: restocking and orders are simplified, stock management is optimized.

Kit content



> Intended purpose

The implants of the Initial R™ Xpert range are intended for fixation of hand and forearm fractures, osteotomies and arthrodeses in adults.

> Contraindications

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

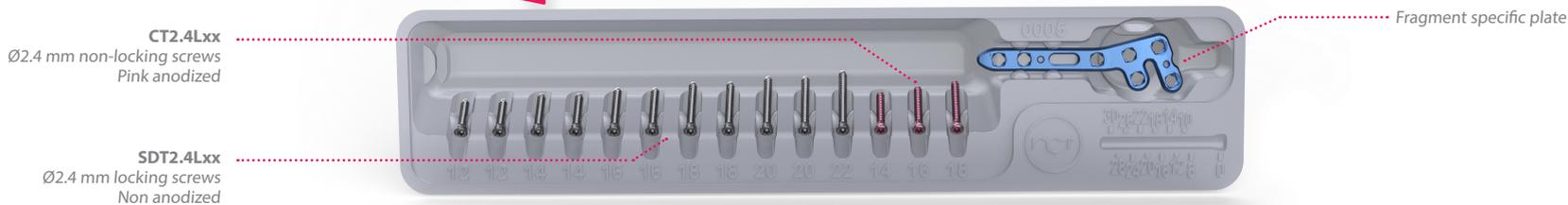
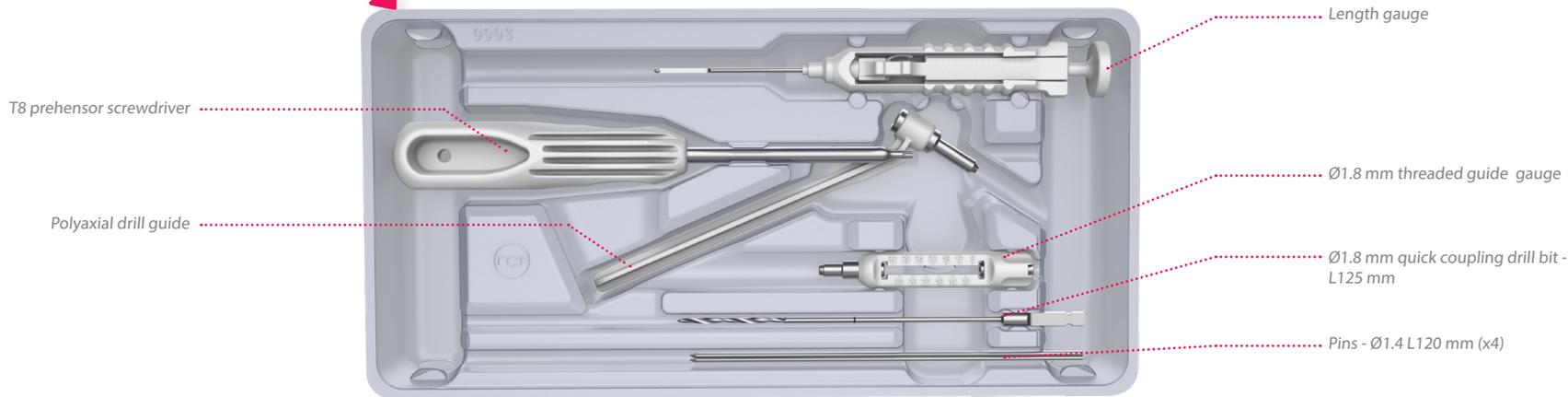
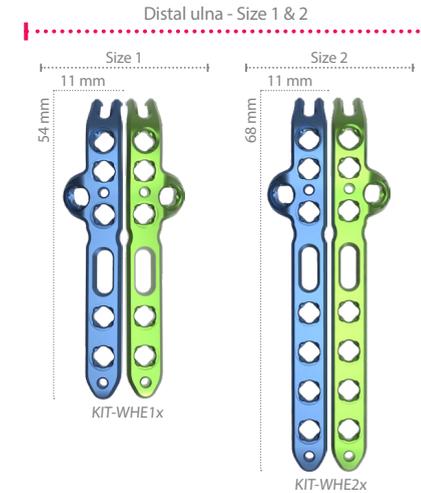


Plate features

> A wide range of plates

Kits available for 6 different types of plates dedicated for various distal radius and distal ulna fractures.



Please note that the «x» in the reference represents the side of the implant and has to be replaced by «G» for left kits or «D» for right kits.

Screw and fixation features

> Polyaxial and monoaxial locking fixation – Ø2.4 mm

- ▶ Ø2.4 mm screws only.
- ▶ Hexalobular screw head design.
- ▶ Patented polyaxial locking platform +/-10° thanks to the use of the polyaxial drill guide



When using the polyaxial drill guide, make sure that the guide is secured in the hole to avoid over angulation of the drilling, which could result in a failure of the locking mechanism.

- ▶ Screw length from 12 to 22 mm (other sterile screw lengths available on demand - see page 11).
- ▶ Ø1.8 mm sterile screw pegs (BDT1.8Lxx-ST are available on demand - see page 11).



Ref: BDT1.8Lxx-ST



Final tightening of the screws must be performed by hand.



Hexalobular stamp ...

+/- 10°

> Locking oblong hole – Ø2.4 mm locking and non-locking screws

The locking oblong hole is compatible with the Ø2.4 mm locking screws (SDT2.4Lxx) and the Ø2.4 mm non-locking screws (CT2.4Lxx).



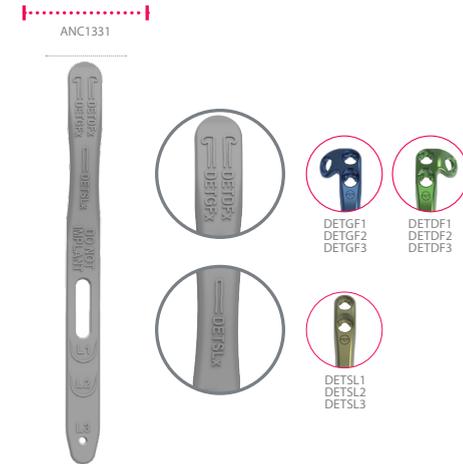
Templates

The Initial R™ Xpert 2.4 Fragment Specific templates have been designed to determine quickly and simply the appropriate Xpert Wrist 2.4 Fragment Specific plate. Templates are divided into distinct groups (see table below).

| STERILE TEMPLATES* | |
|---|--|
| Ref. | Description |
| For radial column plates | |
| ANC1331 | Template for distal & latero-dorsal radial column plates - Distal radius - Sizes 1-2-3 (DETSLx/DETFx/DETFx) |
| For dorso-medial & dorso-lateral plates | |
| ANC1332 | Templates for dorso-medial & dorso-lateral plates - Distal radius - Right - Sizes 1-2-3 (DTRNS1-2-3/DTR2/DTQ2) |
| ANC1333 | Templates for dorso-medial & dorso-lateral plates - Distal radius - Left - Sizes 1-2-3 (DTGRNS1-2-3/DTGR2/DTGQ2) |
| For distal ulna plates | |
| ANC1334 | Template for distal ulna plates - Right - Sizes 1-2 (HTDE1-2) |
| ANC1335 | Template for distal ulna plates - Left - Sizes 1-2 (HTGE1-2) |

* Available in sterile packaging - Single use kit.

For radial column and latero-dorsal plates

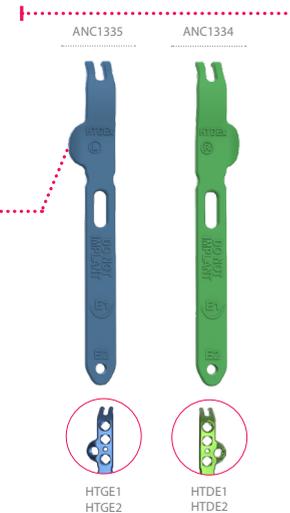


For dorso-medial and dorso-lateral plates



Each template is marked with associated plate(s) references to easily identify the corresponding Initial R™ Xpert 2.4 Fragment specific kit.

For distal ulna plates



Surgical technique

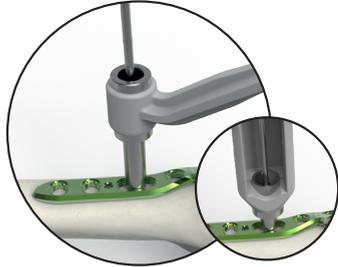
Example: surgical technique with a dorso medial plate

This technique is applicable for all the plates of the Initial R Xpert 2.4 Fragment Specific range.

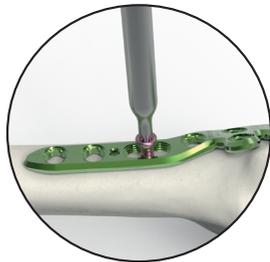


Determine the plate size thanks to the templates, then choose the suitable kit. Afterwards, stabilize the fracture, then position the plate.

For insertion of non-locking screws



Step 1 Position the plate. Insert the polyaxial drill guide into the oblong hole and perform the drilling. Determine the screw length using the length gauge.



Step 2 Insert the Ø2.4 mm pink non-locking screw (CT2.4Lxx) into the oblong hole using the screwdriver.

N.B.: In the case of poor bone quality, a Ø2.4 mm locking screw (SDT2.4Lxx) can be inserted.

For insertion of locking screws

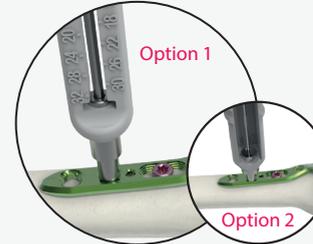
Step 1



Polyaxial technique

A. Insert the polyaxial drill guide into the polyaxial locking hole and perform the drilling. Determine the screw length using the length gauge.

OR



Monoaxial technique

B. Insert the threaded guide gauge into the polyaxial locking hole and perform the drilling.

Option 1: Determine the screw length using the drill bit and guide gauge.

Option 2: Determine the screw length using the length gauge.



Step 2

Insert a Ø2.4 mm non anodized locking screw (ST2.4Lxx) using the screwdriver. Repeat the same procedure for the remaining locking holes.



Final result

Proceed with the monoaxial technique (or polyaxial technique if need be) for the remaining holes.

References

INITIAL R™ XPert - FRAGMENT SPECIFIC - KITS

| Ref. | Description |
|------------|--|
| KIT-WRNS2D | Dorso-medial kit - Implants only - Distal radius - Extra Narrow - Size 2 - Right |
| KIT-WRNS2G | Dorso-medial kit - Implants only - Distal radius - Extra narrow - Size 2 - Left |
| KIT-WR2D | Dorso-medial kit - Implants only - Distal radius - Size 2 - Right |
| KIT-WR2G | Dorso-medial kit - Implants only - Distal radius - Size 2 - Left |
| KIT-WQ2D | Dorso-lateral kit - Implants only - Distal radius - Size 2 - Right |
| KIT-WQ2G | Dorso-lateral kit - Implants only - Distal radius - Size 2 - Left |
| KIT-WEF2D | Latero-dorsal radial column kit - Implants only - Distal radius - Size 2 - Right |
| KIT-WEF2G | Latero-dorsal radial column kit - Implants only - Distal radius - Size 2 - Left |
| KIT-WEL2S | Radial column kit - Implants only - Distal radius - Size 2 - Symmetrical |
| KIT-WHE1D | Distal ulna kit - Implants only - Size 1 - Right |
| KIT-WHE1G | Distal ulna kit - Implants only - Size 1 - Left |
| KIT-WHE2D | Distal ulna kit - Implants only - Size 2 - Right |
| KIT-WHE2G | Distal ulna kit - Implants only - Size 2 - Left |

INITIAL R™ XPert - INSTRUMENTATION

| Ref. | Description |
|---------------|--|
| KIT-INSTRUM-1 | Instrumentation kit for distal radius & distal ulna implants |

INITIAL R™ XPert - INSTRUMENTATION CONTENT

| Description | Qty |
|---|-----|
| Pins - Ø1.4 L 120 mm | 4 |
| T8 prehensor screwdriver | 1 |
| Length gauge | 1 |
| Ø1.8 mm quick coupling drill bit - L 125 mm | 1 |
| Ø1.8 mm threaded guide gauge | 1 |
| Non threaded polyaxial drill guide | 1 |

INITIAL R™ XPert 2.4 FRAGMENT SPECIFIC - IMPLANTS CONTENT

| Ref. | Description | QUANTITY PER KIT | | | | | | | |
|--------------------------------------|----------------------|---|-------------------------|-------------------------|-----------|---------------------------|---------------------------|---------------------------|--|
| | | KIT-WRNS2D or KIT-WRNSG | KIT-WR2D or KIT-WR2G | KIT-WQ2D or KIT-WQ2G | KIT-WEL2S | KIT-WEF2D or KIT-WEF2G | KIT-WHE1D or KIT-WHE1G | KIT-WHE2D or KIT-WHE2G | |
| DORSAL PLATES | DTGRNS2 or DTRNS2 | Dorso-medial plate - Distal radius - Extra Narrow - Size 2 - Left or Right | 1 | - | - | - | - | - | |
| | DTGR2 or DTR2 | Dorso-medial plate - Distal radius - Size 2 - Left or Right | - | 1 | - | - | - | - | |
| | DTGQ2 or DTRQ2 | Dorso-lateral plate - Distal radius - Size 2 - Left or Right | - | - | 1 | - | - | - | |
| RADIAL COLUMN PLATES | DETSL2 | Distal radial column plate - Distal radius - Symmetrical - Size 2 | - | - | - | 1 | - | - | |
| | DETF2 or DETF2 | Latero-dorsal radial column plate - Distal radius - Left - Size 2 | - | - | - | - | 1 | - | |
| ULNAR PLATES | HTGE1 or HTDE1 | Distal ulna plate - Size 1 - Left or Right | - | - | - | - | - | 1 | |
| | HTGE2 or HTDE2 | Distal ulna plate - Size 2 - Left or Right | - | - | - | - | - | 1 | |
| LOCKING SCREWS Ø2.4 MM | SDT2.4L12 | Ø2.4 mm locking screw - L12 mm | 2 | 2 | 2 | 2 | 2 | 2 | |
| | SDT2.4L14 | Ø2.4 mm locking screw - L14 mm | 2 | 2 | 2 | 2 | 2 | 2 | |
| | SDT2.4L16 | Ø2.4 mm locking screw - L16 mm | 2 | 2 | 2 | 2 | 2 | 2 | |
| | SDT2.4L18 | Ø2.4 mm locking screw - L18 mm | 2 | 2 | 2 | 2 | 2 | 2 | |
| | SDT2.4L20 | Ø2.4 mm locking screw - L20 mm | 2 | 2 | 2 | 2 | 2 | 2 | |
| | SDT2.4L22 | Ø2.4 mm locking screw - L22 mm | 1 | 1 | 1 | 1 | 1 | 1 | |
| NON- LOCKING SCREWS Ø2.4 MM | CT2.4L14 | Ø2.4 mm non-locking screw - L14 mm | 1 | 1 | 1 | 1 | 1 | 1 | |
| | CT2.4L16 | Ø2.4 mm non-locking screw - L16 mm | 1 | 1 | 1 | 1 | 1 | 1 | |
| | CT2.4L18 | Ø2.4 mm non-locking screw - L18 mm | 1 | 1 | 1 | 1 | 1 | 1 | |

In case of a combined use of an INITIAL R™ Xpert - Fragment specific kit with a «standard» INITIAL R™ Xpert kit, the instrumentation is included. Thus, the kit of instrumentation KIT-INSTRUM-1 is not required.



INITIAL R™ Xpert - Fragment specific kit



INITIAL R™ Xpert kit



**Complete
solution**



INITIAL R™ Xpert - Fragment specific
instrumentation kit

References

Additional implants

Sterile screws packaged in the supplemental sterile screw caddy



| LOCKING SCREWS - Ø2.4 mm* | | |
|---------------------------|--|-----|
| Ref. | Description | Qty |
| SDT2.4L10-ST | Ø2.4 mm locking screw - L10 mm - STERILE | 2 |
| SDT2.4L12-ST | Ø2.4 mm locking screw - L12 mm - STERILE | 2 |
| SDT2.4L14-ST | Ø2.4 mm locking screw - L14 mm - STERILE | 2 |
| SDT2.4L16-ST | Ø2.4 mm locking screw - L16 mm - STERILE | 2 |
| SDT2.4L18-ST | Ø2.4 mm locking screw - L18 mm - STERILE | 3 |
| SDT2.4L20-ST | Ø2.4 mm locking screw - L20 mm - STERILE | 3 |
| SDT2.4L22-ST | Ø2.4 mm locking screw - L22 mm - STERILE | 2 |
| SDT2.4L24-ST | Ø2.4 mm locking screw - L24 mm - STERILE | 2 |
| SDT2.4L26-ST | Ø2.4 mm locking screw - L26 mm - STERILE | 2 |
| SDT2.4L28-ST | Ø2.4 mm locking screw - L28 mm - STERILE | 1 |

*Not anodized



| NON-LOCKING SCREWS - Ø2.4 mm* | | |
|-------------------------------|--|-----|
| Ref. | Description | Qty |
| CT2.4L10-ST | Ø2.4 mm non-locking screw - L10 mm - STERILE | 1 |
| CT2.4L12-ST | Ø2.4 mm non-locking screw - L12 mm - STERILE | 2 |
| CT2.4L14-ST | Ø2.4 mm non-locking screw - L14 mm - STERILE | 2 |
| CT2.4L16-ST | Ø2.4 mm non-locking screw - L16 mm - STERILE | 2 |
| CT2.4L18-ST | Ø2.4 mm non-locking screw - L18 mm - STERILE | 2 |
| CT2.4L20-ST | Ø2.4 mm non-locking screw - L20 mm - STERILE | 1 |
| CT2.4L22-ST | Ø2.4 mm non-locking screw - L22 mm - STERILE | 1 |
| CT2.4L24-ST | Ø2.4 mm non-locking screw - L24 mm - STERILE | 1 |
| CT2.4L26-ST | Ø2.4 mm non-locking screw - L26 mm - STERILE | 1 |
| CT2.4L28-ST | Ø2.4 mm non-locking screw - L28 mm - STERILE | 1 |

*Pink anodized

Additional implants on demand



| LOCKING SCREW PEGS - Ø1.8 mm* | |
|-------------------------------|--|
| Ref. | Description |
| BDT1.8L14-ST | Ø1.8 mm locking screw peg - L14 mm - STERILE |
| BDT1.8L16-ST | Ø1.8 mm locking screw peg - L16 mm - STERILE |
| BDT1.8L18-ST | Ø1.8 mm locking screw peg - L18 mm - STERILE |
| BDT1.8L20-ST | Ø1.8 mm locking screw peg - L20 mm - STERILE |
| BDT1.8L22-ST | Ø1.8 mm locking screw peg - L22 mm - STERILE |
| BDT1.8L24-ST | Ø1.8 mm locking screw peg - L24 mm - STERILE |
| BDT1.8L26-ST | Ø1.8 mm locking screw peg - L26 mm - STERILE |

*Blue anodized

You can find our other Xpert Wrist Fragment Specific plates & screws in individual sterile packaging



For more information, please refer to the Xpert Wrist 2.4 - Fragment Specific brochure

Removal kit

Sterile instrument

| REMOVAL KIT | | |
|--------------|-----------------------------|--------------------------|
| Ref. | Description | Content |
| KIT-REMOVE-2 | Removal kit for T8 hexalobe | T8 prehensor screwdriver |

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.



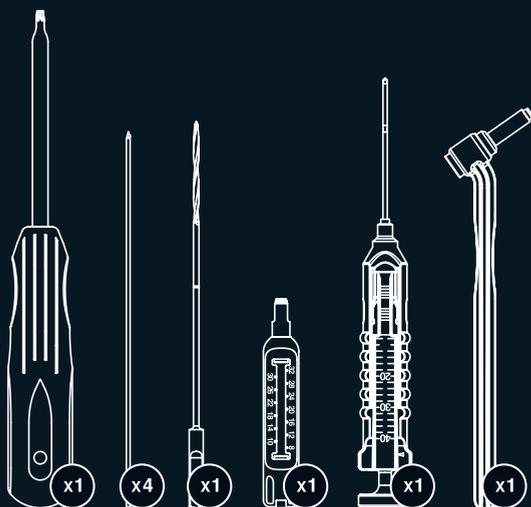
Supplemental instrumentation kits

KIT-INSTRUM-1

Instrumentation kit for distal radius & distal ulna implants

Non contractual pictures.

Degree of accuracy for devices with a measuring function : ± 1.0 mm



Xpert 2.4

Fragment Specific



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