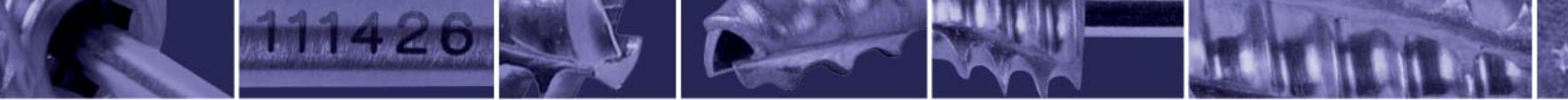




Fixation screw





CONCEPT

The QWIX® fixation screws were designed for extremity fixation and provide speed and precision for challenging surgical situations. The QWIX® screw's unique design allows:

- Quick insertion: it is self-drilling and self-tapping.
- Optimal and reproducible compression: variable head and lag lengths.
- An accurate insertion with minimal soft tissue conflict: the head is totally embedded in the bone.
- To address multiple fixation and osteotomy sites: two available diameters (3.0 mm and 4.3 mm).
- Precise placement over a K-Wire in percutaneous surgery.

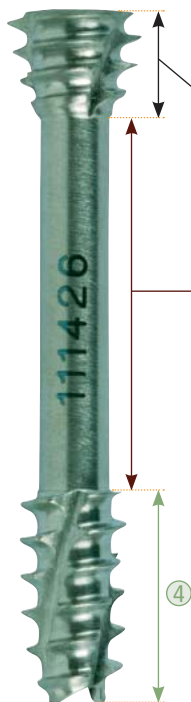
DETAILS



- Cannulated screw
- Hexagonal screw head
- Totally bone embedded
- Self drilling and self tapping screw
- Fluted distal part to allow easy insertion



QWIX®
DIAM. 4.3 MM



QWIX®
DIAM. 3.0 MM



- ① Constant size
- ② Variable lag length
- ③ Variable lengths: 8, 9 and 10 mm
- ④ Variable lengths: from 8 to 26 mm

Qwix® diam. 3.0 mm :
Conical head with 6 self tapping notches

Qwix® diam. 4.3 mm :
Conical head with 3 self tapping notches

Screws and instrumentation Qwix® are color coded:

- ● Blue for diam. 3.0 mm screws
- ● Green for diam 4.3 mm screws



DESCRIPTION

Titanium screw diameters 3.0 mm and 4.3 mm.

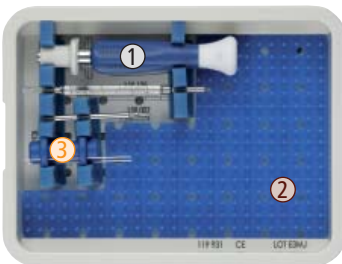
- Self-drilling and self-tapping.
- Totally intra-osseous fixation.
- Large range of screw lengths in:
 - 2 mm increment for the **QWIX® DIAM. 3.0 MM.**
 - 5 mm increment for the **QWIX® DIAM. 4.3 MM.**
- Variable lags designed specifically for extremity fixation.
- Optionnal K-wire guided drilling and insertion.
- Manufactured from Titanium alloy. Ti-6Al-4V, ISO 5832-3 ASTM F136.
- Sterilly packaged.



INSTRUMENTS

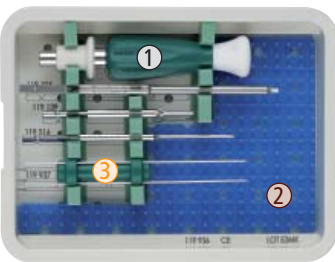
The two Qwix® containers can be delivered separately

Qwix® Diam. 3.0 mm

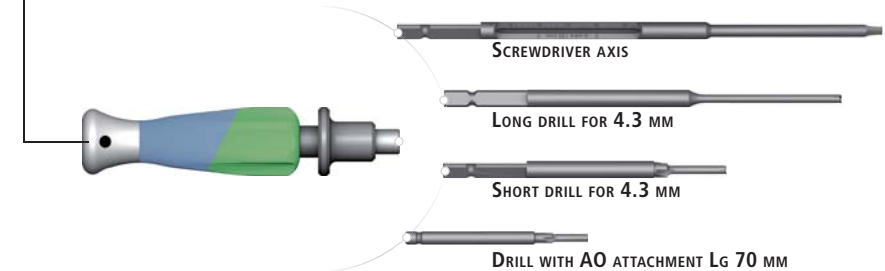


• The instrumentations corresponds to the screws color

Qwix® Diam. 4.3 mm



- ① • Color coded modular handle with AO attachment.



- ② Free space to add more instruments.

- ③ K-wire storage system, unique and practical



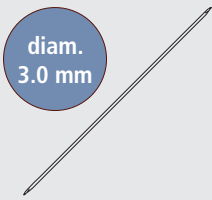
INDICATIONS

QWIX® DIAM. 3.0 MM • QWIX® DIAM. 4.3 MM

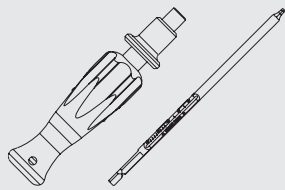
These screws are indicated for fixation of bone fractures or for bone reconstruction:

- Mono or Bi-cortical osteotomies in the foot or hand.
- Hallux Valgus treatment.
- Fractures management in the foot or hand.
- Fixation of bone fragments in long bones or small bones fractures.
- Arthrodesis in hand, foot or ankle surgery.

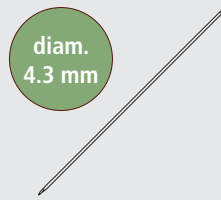
The size of the chosen screw should be adapted to the specific indication.



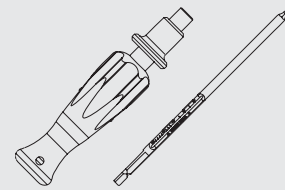
115 070
K-wire diam. 1.0 mm
L. 70 mm



119 133 + 119 135
Handle with AO attachment diam. 3.0 mm
+ diam. 3.0 mm screwdriver axis



115 116
K-wire diam. 1.6 mm
L. 150 mm



119 138 + 119 104
Handle with AO attachment diam. 4.3 mm
+ diam. 4.3 mm screwdriver axis

PREPARE

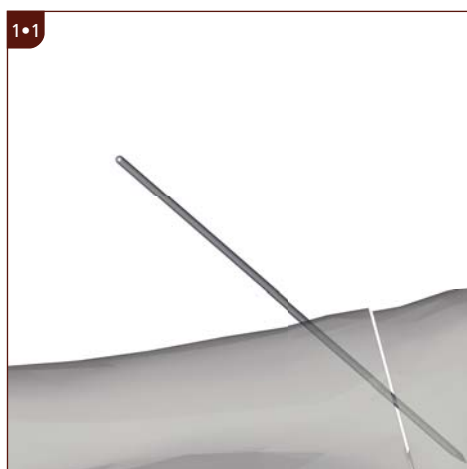
QWIX® Fixation screw

SURGICAL TECHNIQUE

NEWDEAL® as the manufacturer of this device, does not practice medicine and does not recommend this or any other surgical technique for use on a specific patient. The surgeon who performs any implant procedure is responsible for determining and using the appropriate techniques for implanting the device in each patient.

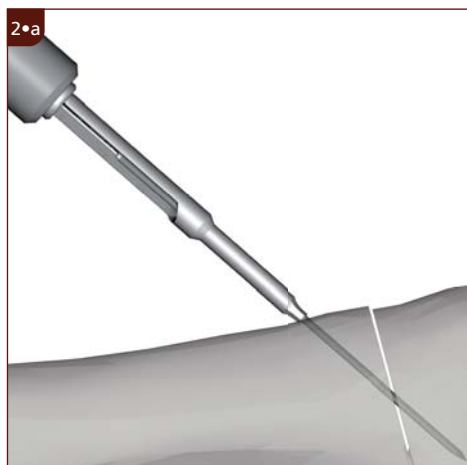
STEP 1 • K-WIRE INSERTION

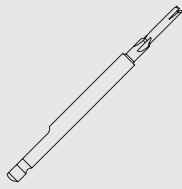
1•1 Secure the bone fragments with a K-wire (115 070 or 115 116). The position should be checked under fluoroscopy. This K-wire guides the screw. Due to the atraumatic aspects of the K-wire, it can be withdrawn and replaced until the desired position is achieved.



STEP 2 • MEASUREMENT

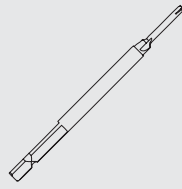
2•1 Insert the appropriate cannulated screwdriver (119 135 or 119 104) on the K-wire, and read the screw length to be used directly on the scale as shown in figure (2•b).





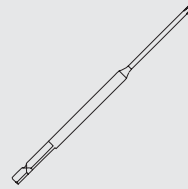
159 007

Drill for 3.0 mm screw



119 319

Short drill for 4.3 mm screw



119 516

Long drill for 4.3 mm screw

STEP 3 • OPTIONAL

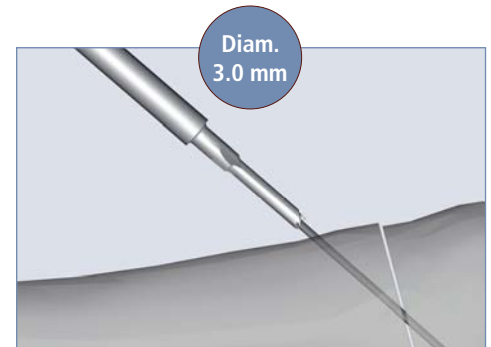
Although the QWIX® screw is self-drilling and self-tapping in most bone, it may be necessary to drill the cortex in certain cases.

Depending on the selected screw, follow the appropriate procedures which describe methods for bony preparation:

- 3a is for diam. 3.0 mm QWIX®.
- 3b is for diam. 4.3 mm QWIX®.

STEP 3A • FOR DIAM. 3.0 MM SCREWS ONLY

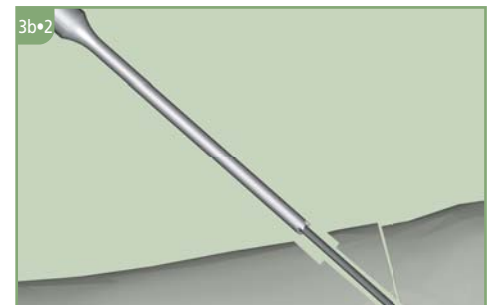
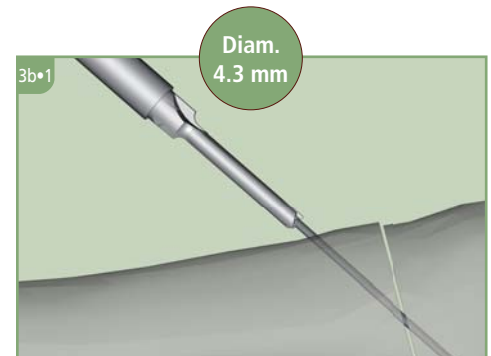
3a Prepare the cortex by power or manually with the 3.0 mm diameter drill (159 007).



STEP 3B • FOR DIAM. 4.3 MM SCREWS ONLY

3b•1 The **short** drill (119 139) is used to prepare the cortex for insertion of the screw head.

3b•2 The **long** drill (119 516) is used to countersink the bone for insertion of the screw body. The drill is introduced over the K-wire and drilled to the desired depth.



STEP 4 • SCREW INSERTION

5•1 The screw is inserted with the cannulated screwdriver (119 135 or 119 104).

QWIX® screw can be inserted totally under power then completed by hand.

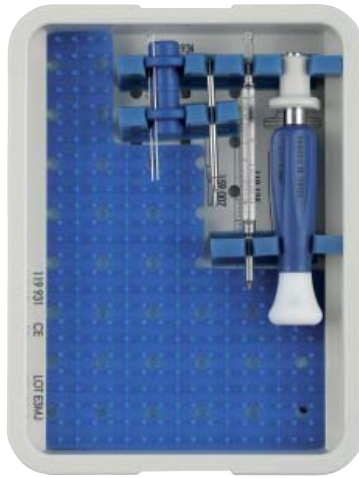
The head of the screw must be completely embedded in the cortex to obtain optimal compression. Complete insertion is also recommended to prevent soft tissue irritation particularly on the dorsal aspect of the foot.





QWIX® DIAM. 3.0 MM

REFERENCE	DESCRIPTION
111 310s	L. 10 MM
111 312s	L. 12 MM
111 314s	L. 14 MM
111 316s	L. 16 MM
111 318s	L. 18 MM
111 320s	L. 20 MM
111 322s	L. 22 MM
111 324s	L. 24 MM
111 326s	L. 26 MM
111 328s	L. 28 MM
111 330s	L. 30 MM
111 332s	L. 32 MM
111 334s	L. 34 MM

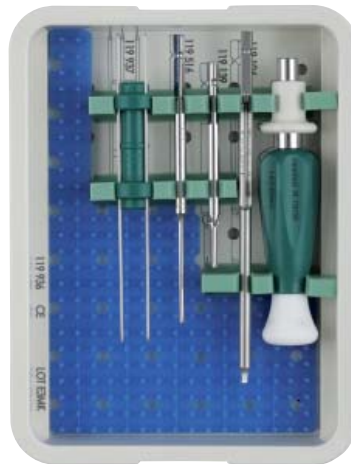


INSTRUMENTS QWIX® DIAM. 3.0 MM

REFERENCE	DESCRIPTION
119 133	HANDLE WITH AO ATTACHMENT DIAM. 3.0 MM
119 135	DIAM. 3.0 MM SCREWDRIVER AXIS
159 007	DRILL WITH AO ATTACHMENT LG 70 MM DIAM. 2.2 MM
115 070	K-WIRE DIAM. 1.0 MM LG 70 MM
119 934	CYLINDER FOR SCREW DIAM. 3.0 MM
119 931	DIAM. 3.0 MM SCREW BASE
119 932	LID

QWIX® DIAM. 4.3 MM

REFERENCE	DESCRIPTION
111 424s	L. 24 MM
111 426s	L. 26 MM
111 428s	L. 28 MM
111 430s	L. 30 MM
111 432s	L. 32 MM
111 434s	L. 34 MM
111 436s	L. 36 MM
111 438s	L. 38 MM
111 440s	L. 40 MM
111 445s	L. 45 MM
111 450s	L. 50 MM
111 455s	L. 55 MM
111 460s	L. 60 MM



INSTRUMENTS QWIX® DIAM. 4.3 MM

REFERENCE	DESCRIPTION
119 138	HANDLE WITH AO ATTACHMENT DIAM. 4.3 MM
119 104	DIAM. 4.3 MM SCREWDRIVER AXIS
119 139	SHORT DRILL FOR 4.3 MM
119 516	LONG DRILL FOR 4.3 MM
115 116	K-WIRE DIAM. 1.6 MM LG 150 MM
119 937	CYLINDER FOR SCREW DIAM. 4.3 MM
119 936	DIAM. 4.3 MM SCREW BASE
119 932	LID

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- Implantation procedures are described in the surgical technique.
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- WARNING: Federal law (USA) restricts this device to sale by or on the order of a physician.

• See instructions for use

• Single use

• Sterile



STERILE R



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