

FOOT

MID FOOT SURGERY

be **POD**



MID FOOT SCREWS Ø4.5 MM
SURGICAL TECHNIQUE

INDICATIONS

The Ø4.5 mm hind foot screws standard or beveled, are designed to meet the following indications:

- Foot arthritis
- Fixation of bone fragments
- Foot fracture management

And more specifically:

- Total or partial mid foot arthrodesis
- Talonavicular or calcaneocuboid arthrodesis
- Arthrodesis of the Hallux Metatarsophalangeal Joint

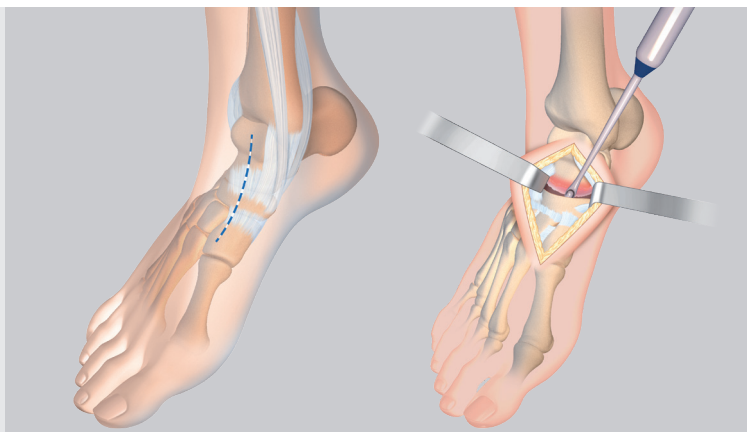


SURGICAL TECHNIQUE

1. Preparation

Prepare the bone surfaces according to the indication.

- Osteosynthesis: Surgical fastening of the fractured ends of bone.
- Arthrodesis: Preparation and cleaning of the surfaces using a curette and/or a bone burr in order to expose the subchondral bone.



2. K-wire insertion

1.6mm k-wires are used to secure bone fragments. These k-wires are also guiding the cannulated instruments and screws.

be POD mid foot k-wire Ø1,6 L200 - ref. 269 550

OR

be POD mid foot threaded k-wire Ø1,6 L200 - ref. 271 115

3. Screw length measurement on k-wire

Direct reading of the correct length of screw can be achieved by sliding the depth gauge L200 over the k-wire.

Note:

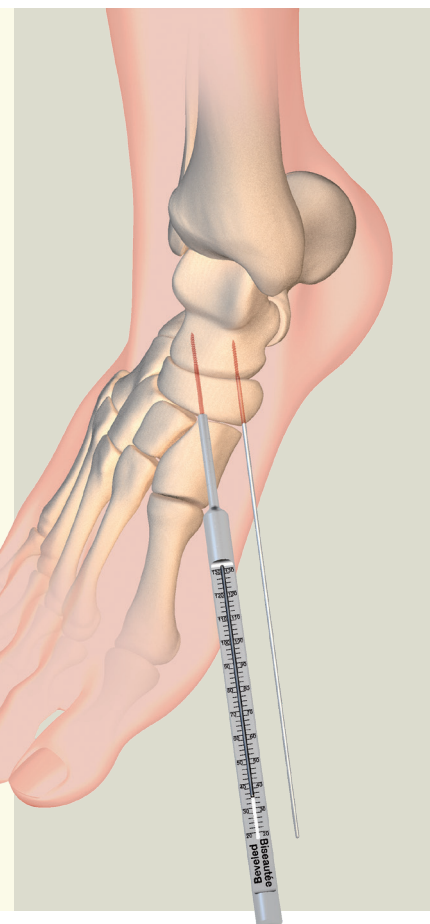
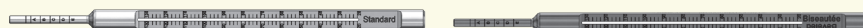
The distal part of the depth gauge has a marking (A/B/C/D/E) which gives an idea of the skin-bone depth. Using it can reduce the amount of fluoroscopy needed while putting the screw in place.

- ⚠ The same gauge is used for standard or beveled screw with two sides. Choose the right side accordingly.

be POD mid/hindfoot depth device L200 - ref. 269 557

Side 1: Measuring standard screw

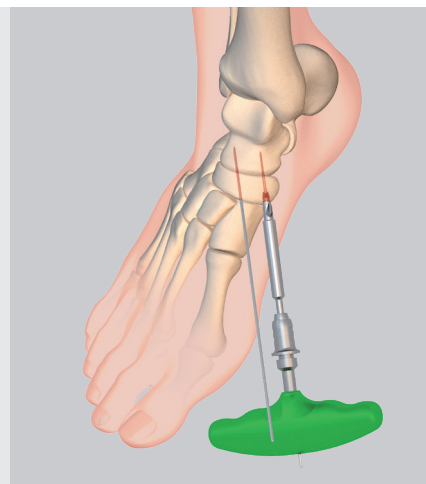
Side 2: Measuring beveled screw



4. Screw head countersinking (optional)

The cannulated countersink is inserted until the stop is in contact with the bone surface. This step will avoid the risk of cortical splitting.

be POD mid foot proxim cannulated drill bit Ø4,1 - ref. 269 554



5. Screw insertion

Screws are inserted with a cannulated screwdriver.

 The position of percutaneous screws should be checked by fluoroscopy.

See ref. of screws in the 'Implants list' above
+ be POD mid foot screwdriver S15 - ref. 269 552



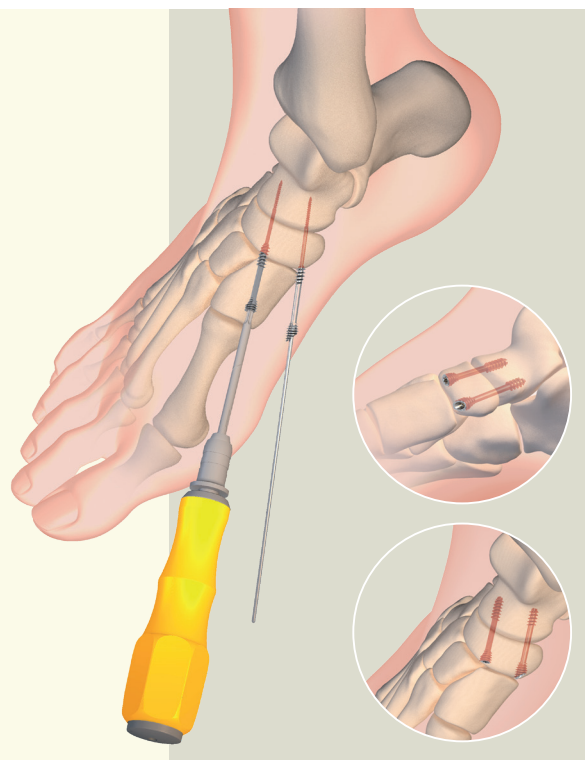
Warning:

A laser etched mark shows the right positioning for the beveled screws.

Note:

Screwdrivers can be used with power tools or by hand using one of the following handles:

be POD mid/hindfoot screwdriver handle w/AO connection - ref. 269 558
be POD mid/hindfoot screwdriver handle w/AO connection - ref. 269 559



6. Removal

If the removal of the screw is needed, a specific screwdriver can be used:

be POD mid foot screwdriver S15 (not cannulated) - ref. 270 910

if using a trephine, its diameter must be at least 4.2 mm.

IMPLANTS LIST

MID FOOT SCREWS Ø4.5 MM



BEVELED MID FOOT SCREWS Ø4.5 MM

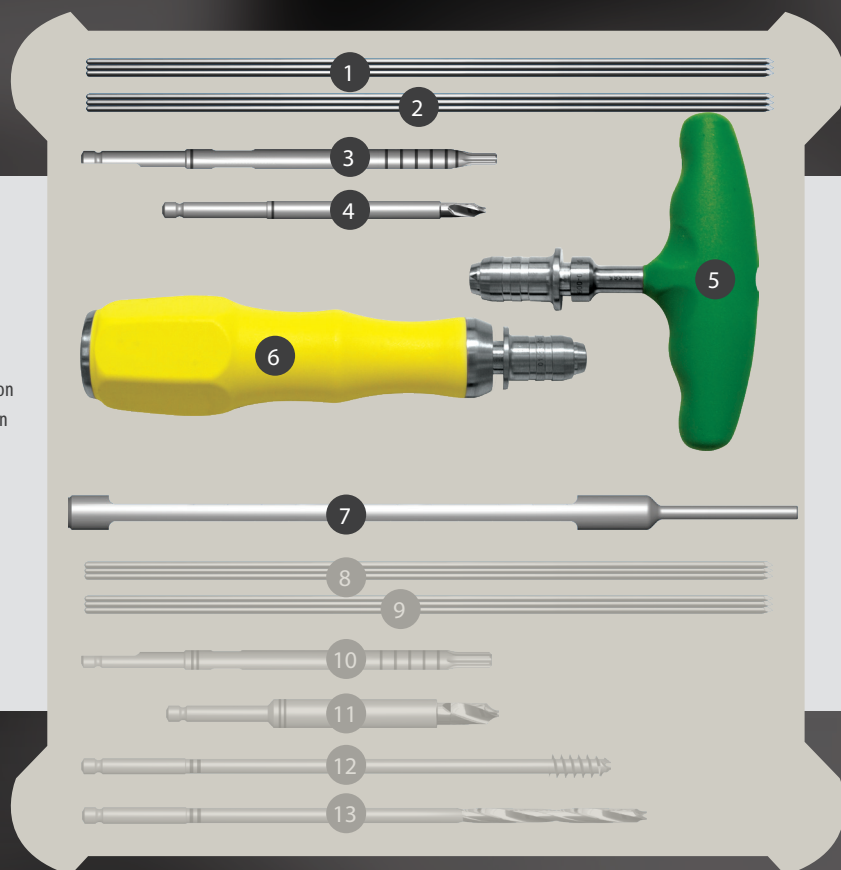


REF.	DESIGNATION	REF.	DESIGNATION
269 509	be POD 3A mid foot screw D4.5 L28	269 517	be POD 3A mid foot screw D4.5 L44
269 510	be POD 3A mid foot screw D4.5 L30	269 519	be POD 3A mid foot screw D4.5 L46
269 511	be POD 3A mid foot screw D4.5 L32	269 520	be POD 3A mid foot screw D4.5 L48
269 512	be POD 3A mid foot screw D4.5 L34	269 521	be POD 3A mid foot screw D4.5 L50
269 513	be POD 3A mid foot screw D4.5 L36	269 523	be POD 3A mid foot screw D4.5 L54
269 514	be POD 3A mid foot screw D4.5 L38	269 526	be POD 3A mid foot screw D4.5 L58
269 515	be POD 3A mid foot screw D4.5 L40	270 023	be POD 3A mid foot screw D4.5 L62
269 516	be POD 3A mid foot screw D4.5 L42		

REF.	DESIGNATION	REF.	DESIGNATION
269 990	be POD 3A beveled mid foot screw D4.5 L28	269 998	be POD 3A beveled mid foot screw D4.5 L44
269 991	be POD 3A beveled mid foot screw D4.5 L30	269 999	be POD 3A beveled mid foot screw D4.5 L46
269 992	be POD 3A beveled mid foot screw D4.5 L32	270 000	be POD 3A beveled mid foot screw D4.5 L48
269 993	be POD 3A beveled mid foot screw D4.5 L34	270 001	be POD 3A beveled mid foot screw D4.5 L50
269 994	be POD 3A beveled mid foot screw D4.5 L36	270 002	be POD 3A beveled mid foot screw D4.5 L54
269 995	be POD 3A beveled mid foot screw D4.5 L38	270 003	be POD 3A beveled mid foot screw D4.5 L58
269 996	be POD 3A beveled mid foot screw D4.5 L40	270 004	be POD 3A beveled mid foot screw D4.5 L62
269 997	be POD 3A beveled mid foot screw D4.5 L42		

INSTRUMENTATION

- 1 ref. 269 550..... be POD mid foot k-wire Ø1,6 L200 (x3)
- 2 ref. 271 115..... be POD mid foot threaded k-wire Ø1,6 L200 (x3)
- 3 ref. 269 552..... be POD mid foot screwdriver T15
- 4 ref. 269 554..... be POD mid foot proxim cannulated drill bit Ø4,1
- 5 ref. 269 558..... be POD mid/hind foot screwdriver T-handle w/AO connection
- 6 ref. 269 559..... be POD mid/hind foot screwdriver handle w/AO connection
- 7 ref. 269 557..... be POD mid/hind foot depth device L200
- 8 ref. 269 551..... be POD hind foot k-wire Ø1,8 L200 (x3)
- 9 ref. 271 116..... be POD hind foot threaded k-wire Ø1,8 L200
- 10 ref. 269 553..... be POD hind foot screwdriver T25
- 11 ref. 269 555..... be POD hind foot proxim cannulated drill bit Ø6,1
- 12 ref. 269 556..... be POD hind foot cannulated distal tap Ø6,7
- 13 ref. 270 027..... be POD hind foot distal cannulated drill bit Ø4,1



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