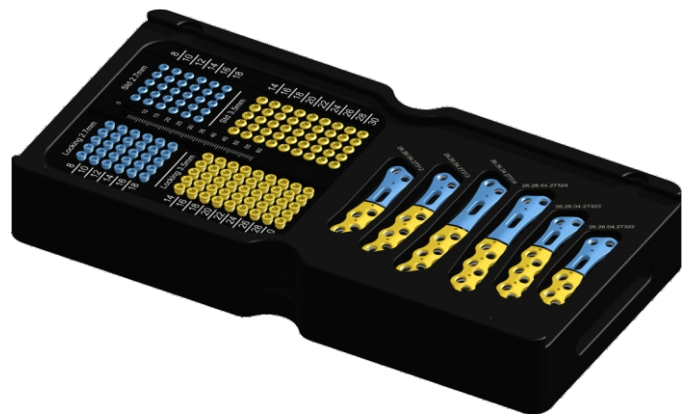


**Revision Plate 2.7mm-3.5mm  
Surgical Technique**

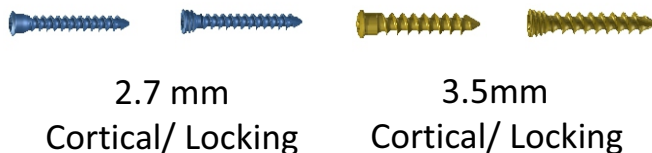
Astrolabe recognizes that proper surgical procedures and techniques are responsibilities of medical professionals.

The following guidelines are provided for information purposes only. Each surgeon must evaluate the appropriateness of the procedures based on their medical training, experience and condition of the patient. Before using the system, the surgeon must consult the operating instructions for additional warnings, precautions, indications, contraindications and adverse effects.

# Revision Plate 2.7mm / 3.5mm



## Revision Plate 2.7mm / 3.5mm



Locking Plate, Revision, Left



Locking Plate, Revision, Right

### General Features

- The anatomical shape of the revision plate allows its placement without excessive flexion or even flexion due to its correspondence with the first ray with the distal phalange of the big toe and the development of strength recovered from the FH tendon on the IP-joint.
- Distal fixation with 2.7 mm Locking/ Cortical Screws and proximal fixation with 3.5 mm Locking/ Cortical Screws
- 2.0mm thickness

### Indications:

- Keller-Brandes Revisions;
- MTP 1 lengthening arthrodesis;
- Revisions after MTP 1 prosthesis;
- MT 1 lengthening osteotomy.



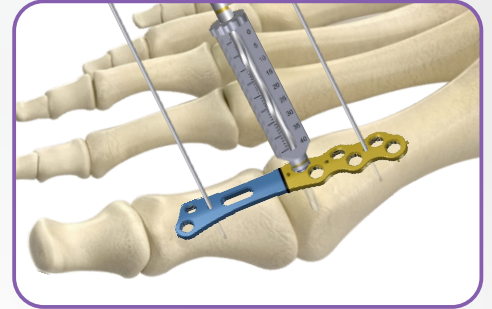
- After choosing the appropriate plate, provisionally fix it in place with a Kirschner Wire.
- If it is necessary, the plate can be moulded (item 12) to better fit patient's anatomy.



- **Note:** Avoid excessive modeling of the plate as this can compromise its locking mechanisms. When using plate bender (item 12), holes adjacent to the bender can lose the ability to lock. If this occurs, a Cortical Screw must be used.

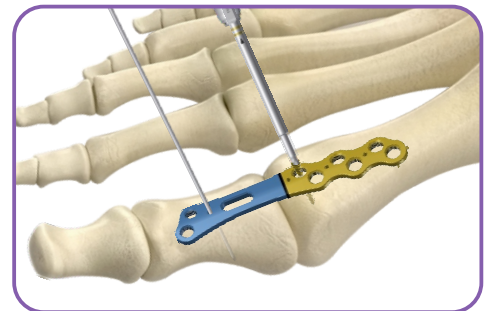
### ● 3.5 mm Locking Screws Positioning

Properly place the Threaded Graduated Drill Guide (item 07) by turning it into the threaded hole, then proceed with drilling using the Drill Bit ( item 02/04).



- The reading of the screw measurement can be made directly on the Threaded Graduated Drill Guide (item 07) or using the Depth Gauge (item 10).

- Use the Handle (item 05) and Shaft Screwdriver (item 09) to position the screws.



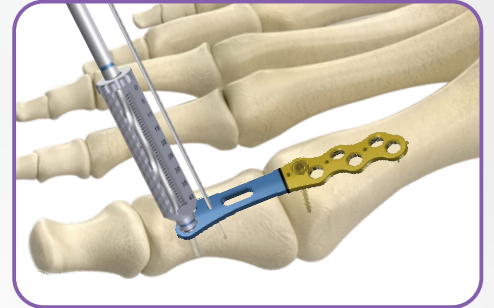
#### **Attention:**

To ensure the perfect fit and low profile of the Locking Screws on the plate, the Threaded Graduated Drill Guide (item 07) must be used.

If there is any damage to the threaded hole of the plate, the Locking Screws must be replaced by Cortical Screws.

- **2.7 mm Locking Screws Positioning**

Properly place the Threaded Graduated Drill Guide (item 06) by turning it into the threaded hole, then proceed with drilling using the Drill Bit (item 01/03).



- The reading of the screw measurement can be made directly on the Threaded Graduated Drill Guide (item 06) or using the Depth Gauge (item 10).

- Use the Handle (item 05) and Shaft Screwdriver (item 08) to position the screws.



**Attention:**

To ensure the perfect fit and low profile of the Locking Screws on the plate, the Threaded Graduated Drill Guide (item 06) must be used.

If there is any damage to the threaded hole of the plate, the Locking Screws must be replaced by Cortical Screws.

- The placement of the screws procedure is repeated as many times as necessary, for optimal fixation of the plate.
- Check the final position of the screws through the image intensifier.
- Proceed with x-ray to check if final position is according to initial intention.



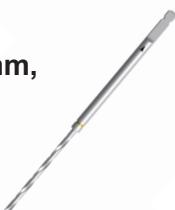
01

**Drill Bit, Ø2.0 x 120 mm, Stop 50 mm,**  
AO Coupling, Blue Code  
Cod.:09.01.03.20020



02

**Drill Bit, Ø2.5 x 120 mm, Stop 50 mm,**  
AO Coupling, Yellow Code  
Cod.:09.01.03.25020



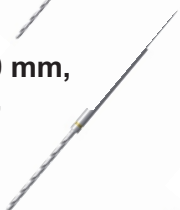
03

**Drill Bit, Ø2.0 x 125 mm, Stop 50 mm,**  
Stryker Coupling, Barrel Ø4.5 mm,  
Blue Code  
Cod.:09.01.07.20021



04

**Drill Bit, Ø2.5 x 125 mm, Stop 50 mm,**  
Stryker Coupling, Barrel Ø4.5 mm,  
Yellow Code  
Cod.: 09.01.07.25021



05

**Handle, Cannulated,**  
AO Coupling, 120 mm – Black  
Cod.: 09.04.04.12050



06

**Graduated Drill Guide**  
Ø2.0 x 40 mm, Threaded, Blue Code  
Cod.:09.05.14.04020



07

**Graduated Drill Guide**  
Ø2.5 x 40 mm, Threaded, Yellow Code  
Cod.: 09.05.14.04025



08

**Shaft Screwdriver, Torx-8**  
90 mm, AO Coupling, Blue Code  
Cod.: 09.07.04.08091



09

**Shaft Screwdriver, Torx-10**  
90 mm, AO Coupling  
Yellow Code  
Cod.:09.07.04.10092



10

**Depth Gauge, 60 mm**  
Cod: 09.08.01.00060



11

**Plate and Screw Holding**  
Forceps, Angled, 150 mm  
Cod.09.10.06.00150



12

**Bender**  
for 2.7/3.5 mm System Plates  
Cod.09.13.00.02735





**ASTROLABE**  
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# **2.7mm- 3.5mm Revision Plate Surgical Technique**

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