

## Arrow Plate 3.5 mm - Surgical Technique

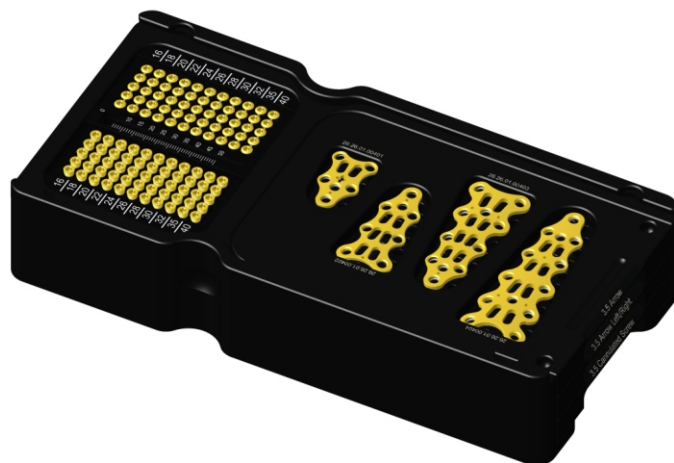
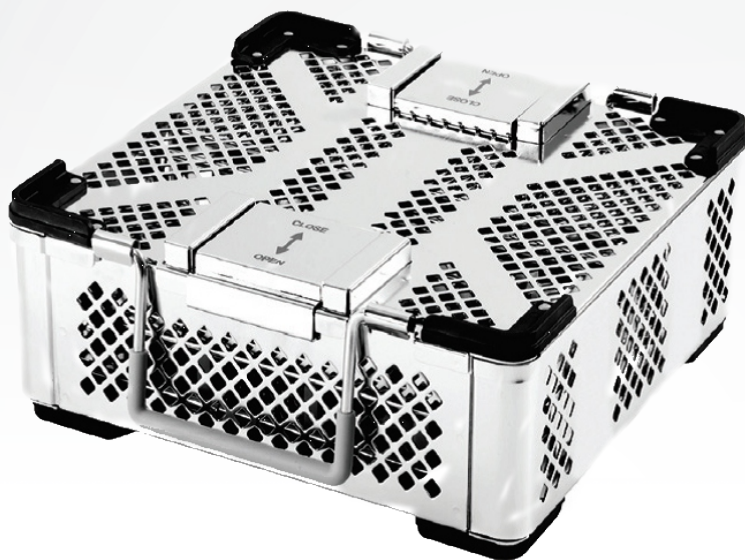
## Medical Implants

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.



# 3.5mm Arrow Plate



## 3.5mm Arrow Plate System

- Anatomical plate system to the medial arch of the foot, with Offset screw holes that allows a maximum of stability and earlier load bearing.
- Arrow Plate System can be associated to the Ø3.5 mm Cannulated Screw, Fully Threaded.
- Thickness 1.5mm (XS e S) and 2.0mm (M, L, XL).

### 3.5mm Arrow Plate - Plates Set



Extra-Small | Small | Medium | Large



Large | Extra Large



Large | Extra Large

### 3.5mm Arrow Plate - Screws Set



**3.5 mm  
CORTICAL SCREW**  
8mm - 40mm  
2mm increments



**3.5 mm  
LOCKING SCREW**  
8mm - 40mm  
2mm increments



**Ø3.5 mm Cannulated  
Screw, Partly Threaded**  
34mm - 40mm (2mm  
increments)  
45mm- 50mm (5mm  
increments)



**Ø3.5 mm Cannulated  
Screw, Fully Threaded**  
34mm - 40mm (2mm  
increments)  
45mm- 50mm (5mm  
increments)



**WASHER**

## 3.5mm Arrow Plate System

### Arrow Plate XS

- Lapidus arthrodesis
- Revision of the Lapidus arthrodesis
- Revision of the base osteotomy of the Metatarsal I
- Charcot foot
- Stabilization of the lateral column
- Lisfranc stabilization



### Arrow Plate S

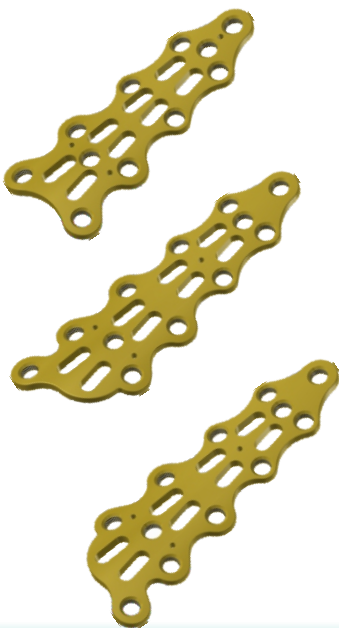
- Opening wedge osteotomy Os cuneiforme (Cotton osteotomy)
- Lapidus revision
- Arthrodesis of the medial column.

### Arrow Plate M

- Stabilization of the medial column,
- Charcot stabilization from Metatarso I to Os naviculare.

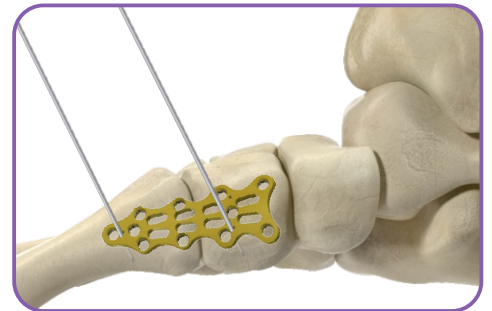
### Arrow Plate L/ XL

- Charcot reconstruction of the medial column
- Multiple arthrodesis,
- Revision of pseudo arthrosis with splinter / wedge plastic

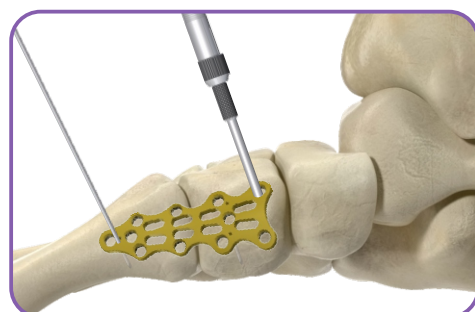


## Surgical Technique

- After choosing the appropriate plate, if necessary, it can be moulded (item 14) to better fit the patient's anatomy and is provisionally fixed in place with a Kirschner Wire.
- **Note:** Avoid excessive modeling of the plate as this can compromise its locking mechanisms. When using plate bender (item 14), holes adjacent to the bender can lose the ability to lock. If this occurs, Cortical Screw must be used.



- Properly place the Threaded Graduated Drill Guide ( item 08) 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 08) or using the Depth Gauge (item 11).



## Surgical Technique

- Use the Handle (item 07) and Shaft Screwdriver (item 09) to position the 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.
- Remove and dispose of the Kirschner Wire.
- Proceed with x-ray to check if final position is according to initial intention.



01

## Drill Bit, Ø2.5 x 120 mm, Stop 50 mm

AO Coupling, Yellow Code  
Cod.:09.01.03.25020



02

## Drill Bit, Cannulated

Øext. 2.5 x Øint. 1.4 x 95 mm  
twist length 30 mm, AO Coupling  
Cod.:09.01.04.25095



03

## Drill Bit, Ø2.5 x 125 mm, Stop 50 mm Stryker Coupling, Barrel Ø4.5 mm Yellow Code

Cod.:09.01.07.25021



04

## Drill Bit, Cannulated

Øext. 2.5 x Øint. 1.4 x 95 mm  
twist length 30 mm  
Cod.: 09.01.10.25095



05

## Countersink, Cannulated

Ø3.5 mm, AO Coupling  
Cod.: 09.02.02.35000



06

## Tap, Cannulated

Ø3.5 mm, AO Coupling  
Cod.:09.03.03.35000



07

## Handle, Cannulated

AO Coupling, 120 mm, Yellow  
Cod.: 09.04.04.12020



08

## Graduated Drill Guide

Ø2.5 x 40 mm, Threaded, Yellow Code  
Cod.: 09.05.14.04025



09

## Shaft Screwdriver, Torx-10

90 mm, AO Coupling  
Yellow Code  
Cod.:09.07.04.10092:



10

## Shaft Screwdriver, Cannulated

Torx-10, 90 mm, AO Coupling  
Yellow Code  
Cod.:09.07.08.10092



11

## Depth Gauge, 60 mm

Cod: 09.08.01.00060



12

## Gauge 90 mm, Direct Measuring

for Wire 150 mm Ø up to 1.6 mm  
Cod.:09.08.02.16090



13

## Plate and Screw Holding

Forceps, Angled, 150 mm  
Cod.09.10.06.00150



14

## Bender

for 2.7/3.5 mm System Plates  
Cod.09.13.00.02735







# **3.5 mm**

## **Arrow Plate**

### **Surgical Technique**