



## 2.7mm RSS (RADIUS SPECIAL PLATE SYSTEM) 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.

## RSS 2.7 mm RADIUS SPECIAL PLATE SYSTEM



## *RSS 2.7 mm - General Features and Indications*



2.7 mm  
Cortical/ Locking



Locking Plate,  
Palmar



Locking Plate,  
Dorsal



Locking Plate,  
Palmar Anatomical,  
Left/ Right



Locking Plate,  
Dorsal Anatomical,  
Left/ Right

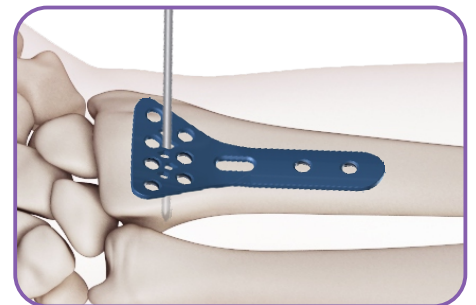
- Low profile plate system - 1.3mm thickness, anatomic design, indicated for distal radius primary treatment.
- RSS System can be associated with 2.7mm non-locking screws (Cortical Screw) and/or 2.7mm Locking Screws.
- Complete portfolio for primary treatment of distal radius, including Palmar Plates, Anatomic Palmar Plates and Dorsal Plates.

## *Surgical Technique*

- After choosing the appropriate plate, if necessary, it can be moulded (item 08/09) to better fit the patient's anatomy.

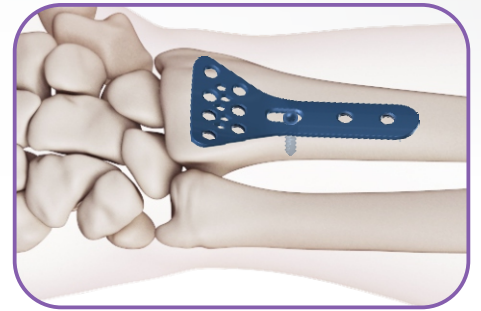
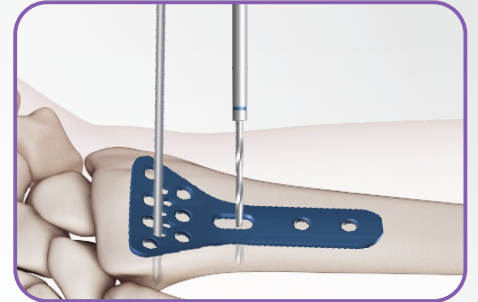


- After reducing the fracture, position the plate covering the volar surface, extra-articularly. After that, temporarily fix the plate using K-wires.



## Surgical Technique

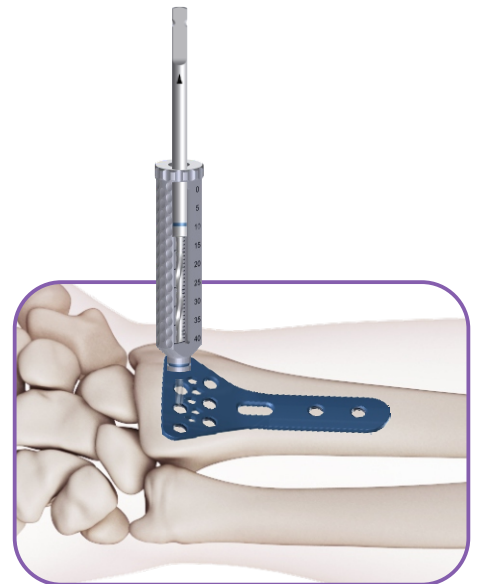
- For fine adjustment of plate positioning, use the Drill Bit (item 01/02) to drill into the oblong hole of the plate and insert a 2.7mm Cortical Screw using the Handle (item 03) and Shaft Screwdriver (item 05).



### Locking Screws positioning

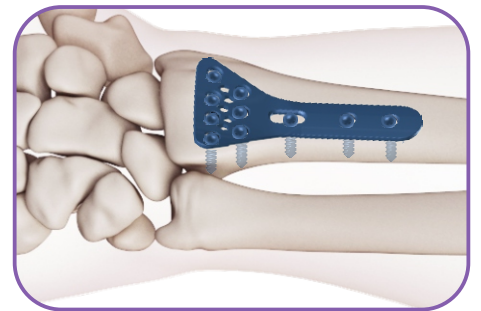
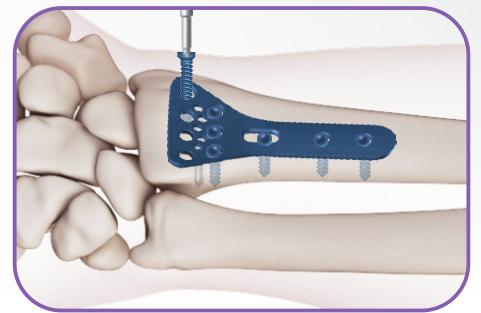
- Properly place the Threaded Graduated Drill Guide (item 04) by turning it into the threads of the plate hole, then proceed with drilling using the Drill Bit (item 01/02).

The screw measure can be obtained by reading on the Threaded Graduated Drill Guide (item 04) or using the Depth Gauge (item 06).



## Surgical Technique

- Use the Handle (item 03) and Shaft Screwdriver (item 05) to position the screws.
- The placement of the screws procedure is repeated as many times as necessary, for optimal fixation of the plate.
- Proceed with x-ray to check if final position is according to initial intention.
- **Note:** The insertion sequence of the screws in the plate may vary according to the type of fracture and its reduction techniques.





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



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



- 03 **Handle, Cannulated,**  
AO Coupling, 120mm, Green  
Cod.: 09.04.04.12030



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



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



- 06 **Depth Gauge, 60 mm**  
Cod.: 09.08.01.00060



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



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



- 09 **Bending Pliers**  
Flat, 135 mm  
Cod.: 09.14.02.00135







**2.7 mm**  
**RSS**  
**(Radius Special Plate System)**  
**Surgical Technique**