

medartis®

PRECISION IN FIXATION

PRODUCT INFORMATION

# Distal Radius Plates 2.5 for Volar Rim Fractures



APTUS®  
Wrist

# Lunate Facet Plates

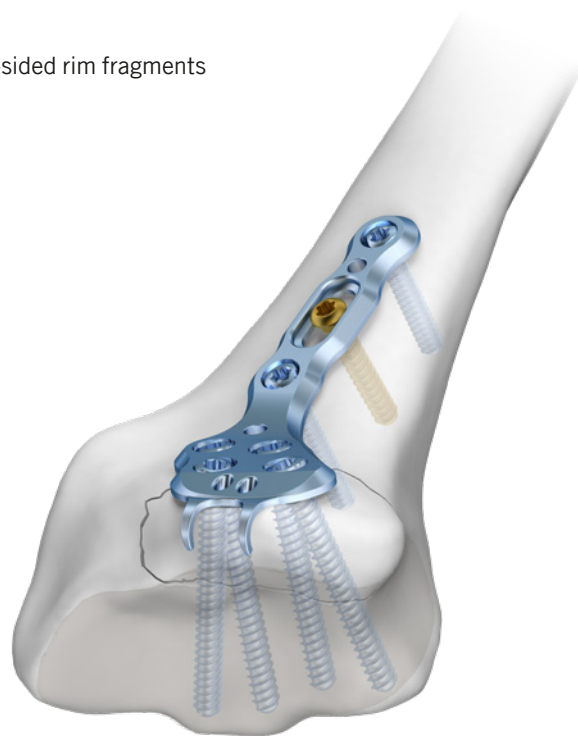
## Treatment of isolated, volar rim fragments

### Clinical Benefits

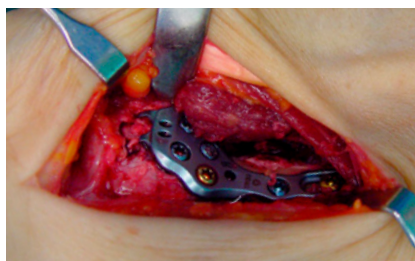
- Combination of hook and TriLock plate for fixation of isolated, ulnar-sided rim fragments
- Stabilization of the sigmoid notch and the lunate facet
- Distal suture holes for additional soft tissue fixation
- Chamfered distal plate edge for minimal implant protrusion
- Low plate profile of 1.6 mm

### Plate Features

- Hook thickness of 0.6 mm
- TriLock – multidirectional angular stability of  $\pm 15^\circ$  in all directions and in each screw hole \*
- Rounded edges and a smooth surface for soft tissue protection
- Oblong hole for variable positioning of the plate
- K-wire holes for temporary fixation of the plate



Preoperative X-ray



Intraoperative view of the plate position



Postoperative X-ray control with anatomical reconstruction

Clinical case published with the kind permission of: J. Grünert, St. Gallen, Switzerland

\* Exception: oblong hole

# Rim Plates

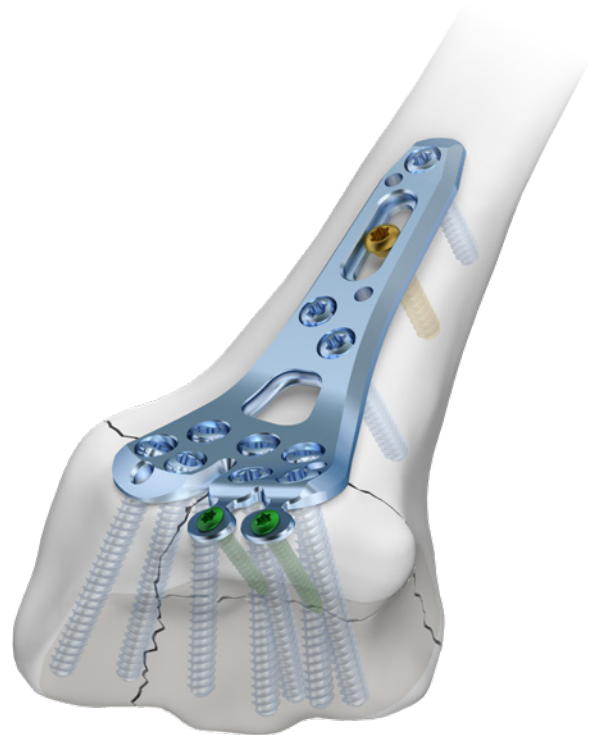
## Treatment of complex, intra-articular fractures with volar rim fragments

### Clinical Benefits

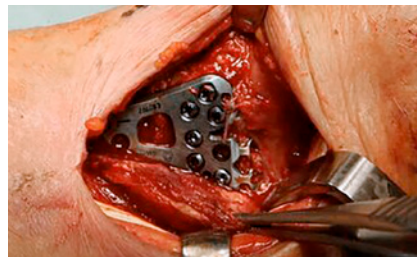
- Bendable distal flaps
  - For support and fixation of volar rim fragments
  - Can be used for the insertion of 1.5 SpeedTip screws or as suture holes for additional soft tissue fixation
- Anatomically pre-contoured plate design
- Improved anatomical fit\*
- Low plate profile of 1.8 mm
- First distal screw row for support of the central aspect of the radiocarpal joint
- Second distal screw row provides stabilization of the dorsal rim

### Plate Features

- Flap thickness of 0.6 mm, flaps can be bent up to 35°
- TriLock – multidirectional angular stability of  $\pm 15^\circ$  in all directions and in each screw hole\*\*
- Rounded edges and a smooth surface for soft tissue protection
- Oblong hole for variable positioning of the plate
- Radiolucent drill guide block available for rapid and easy angulation of screws
- K-wire holes for temporary fixation of the plate



Preoperative CT scan



Intraoperative view of the fracture fixation

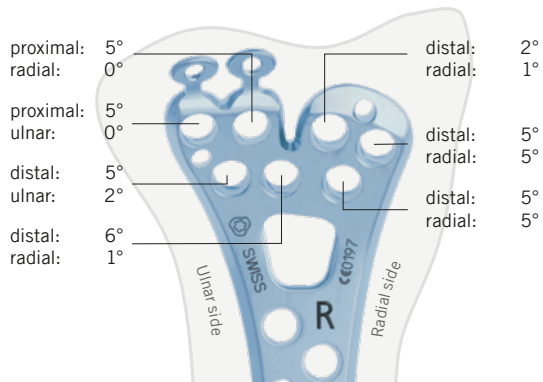
\* Evaluated on 250 cadaver bones

\*\* Exception: oblong hole and flaps

# Overview Screw Trajectories

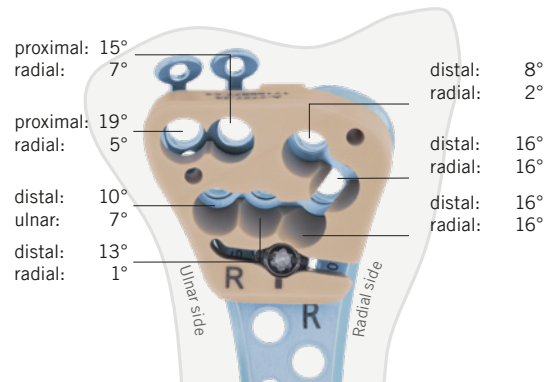
Screw trajectories for the rim plates without and with drill guide block.

Rim plate (variable angle) \*



A-4750.146\*

Rim plate with drill guide block (fixed angle)

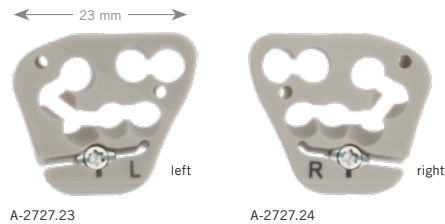


A-4750.146

\* All screw holes of the rim plates allow for additional angulation of  $\pm 15^\circ$  of the pre-angled value.

# Ordering Information

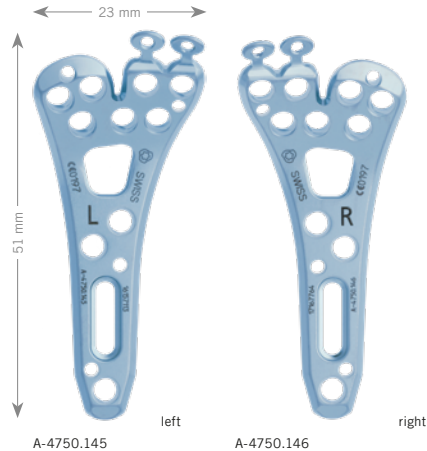
## 2.5 Drill Guide Blocks, Rim Plates



Material: PEEK

Art. No.	Description	for Plates	Holes	Pieces/Pkg
A-2727.23	left	A-4750.145	7	1
A-2727.24	right	A-4750.146	7	1

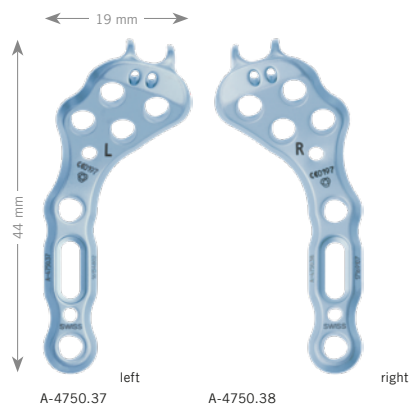
## 2.5 TriLock Distal Radius Rim Plates, Volar



Material: Titanium (ASTM F67)  
Plate thickness: 1.8 mm

Art. No.	Description	Holes	Pieces/Pkg
A-4750.145	left	13	1
A-4750.146	right	13	1

## 2.5 TriLock Lunate Facet Plates, Volar



Material: Titanium (ASTM F67)  
Plate thickness: 1.6 mm

Art. No.	Description	Holes	Pieces/Pkg
A-4750.37	left	7	1
A-4750.38	right	7	1

## 2.5 Cortical Screws, HexaDrive 7

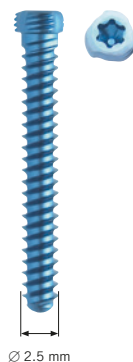
Material: Titanium (ASTM F136)



Length	Art. No.	Pieces/Pkg	Art. No.	Pieces/Pkg
8 mm	A-5700.08/1	1	A-5700.08	5
10 mm	A-5700.10/1	1	A-5700.10	5
11 mm	A-5700.11/1	1		
12 mm	A-5700.12/1	1	A-5700.12	5
13 mm	A-5700.13/1	1		
14 mm	A-5700.14/1	1	A-5700.14	5
15 mm	A-5700.15/1	1		
16 mm	A-5700.16/1	1	A-5700.16	5
18 mm	A-5700.18/1	1	A-5700.18	5
20 mm	A-5700.20/1	1	A-5700.20	5
22 mm	A-5700.22/1	1	A-5700.22	5
24 mm	A-5700.24/1	1	A-5700.24	5
26 mm	A-5700.26/1	1	A-5700.26	5
28 mm	A-5700.28/1	1	A-5700.28	5
30 mm	A-5700.30/1	1	A-5700.30	5
32 mm	A-5700.32/1	1	A-5700.32	5
34 mm	A-5700.34/1	1	A-5700.34	5

## 2.5 TriLock Screws, HexaDrive 7

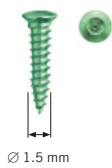
Material: Titanium (ASTM F136)



Length	Art. No.	Pieces/Pkg	Art. No.	Pieces/Pkg
8 mm	A-5750.08/1	1	A-5750.08	5
10 mm	A-5750.10/1	1	A-5750.10	5
12 mm	A-5750.12/1	1	A-5750.12	5
14 mm	A-5750.14/1	1	A-5750.14	5
16 mm	A-5750.16/1	1	A-5750.16	5
18 mm	A-5750.18/1	1	A-5750.18	5
20 mm	A-5750.20/1	1	A-5750.20	5
22 mm	A-5750.22/1	1	A-5750.22	5
24 mm	A-5750.24/1	1	A-5750.24	5
26 mm	A-5750.26/1	1	A-5750.26	5
28 mm	A-5750.28/1	1	A-5750.28	5
30 mm	A-5750.30/1	1	A-5750.30	5
32 mm	A-5750.32/1	1	A-5750.32	5
34 mm	A-5750.34/1	1	A-5750.34	5

1.5 SpeedTip Screws, HexaDrive 4

Material: Titanium (ASTM F136)



Length	Art. No.	Pieces/Pkg	Art. No.	Pieces/Pkg
8 mm	A-5210.08/1	1	A-5210.08	5
10 mm	A-5210.10/1	1	A-5210.10	5
12 mm	A-5210.12/1	1	A-5210.12	5
14 mm	A-5210.14/1	1	A-5210.14	5

WRIST-02000006\_v0 / © 2018-03, Medartis AG, Switzerland. All technical data subject to alteration.

#### **MANUFACTURER & HEADQUARTERS**

Medartis AG | Hochbergerstrasse 60E | 4057 Basel/Switzerland  
P +41 61 633 34 34 | F +41 61 633 34 00 | [www.medartis.com](http://www.medartis.com)

#### **USA**

Medartis Inc. | 224 Valley Creek Boulevard, Suite 100 | Exton, PA 19341  
P +1 610 961 6101 | Toll free 877 406 BONE (2663) | F +1 610 644 2200

#### **SUBSIDIARIES**

Australia | Austria | Brazil | France | Germany | Mexico | New Zealand | Poland | UK | USA

For detailed information regarding our subsidiaries and distributors, please visit [www.medartis.com](http://www.medartis.com)



Disclaimer: This information is intended to demonstrate the Medartis portfolio of medical devices. A surgeon must always rely on her or his own professional clinical judgement when deciding whether to use a particular product when treating a particular patient. Medartis is not giving any medical advice. The devices may not be available in all countries due to registration and/or medical practices. For further questions, please contact your Medartis representative ([www.medartis.com](http://www.medartis.com)). This information contains CE-marked products.  
For US only: Federal law restricts this device to sale by or on the order of a physician.