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PRODUCT INFORMATION

Extension Arthrodesis System 2.5



APTUS®
Wrist

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For further information regarding the APTUS product line visit:
www.medartis.com

2.5 TriLock RSL Fusion Plates

Radiocarpal arthrodesis from volar

Clinical Benefits

- Volar plates for fusion of radius, scaphoid and lunate (RSL)
- Physiological motion in the midcarpal joint is maintained
- Anatomical plate designs for simple intraoperative use
- Two screws can be inserted in each carpal bone
- Double shaft design provides high rotational stability
- Low plate profile of 1.6 mm

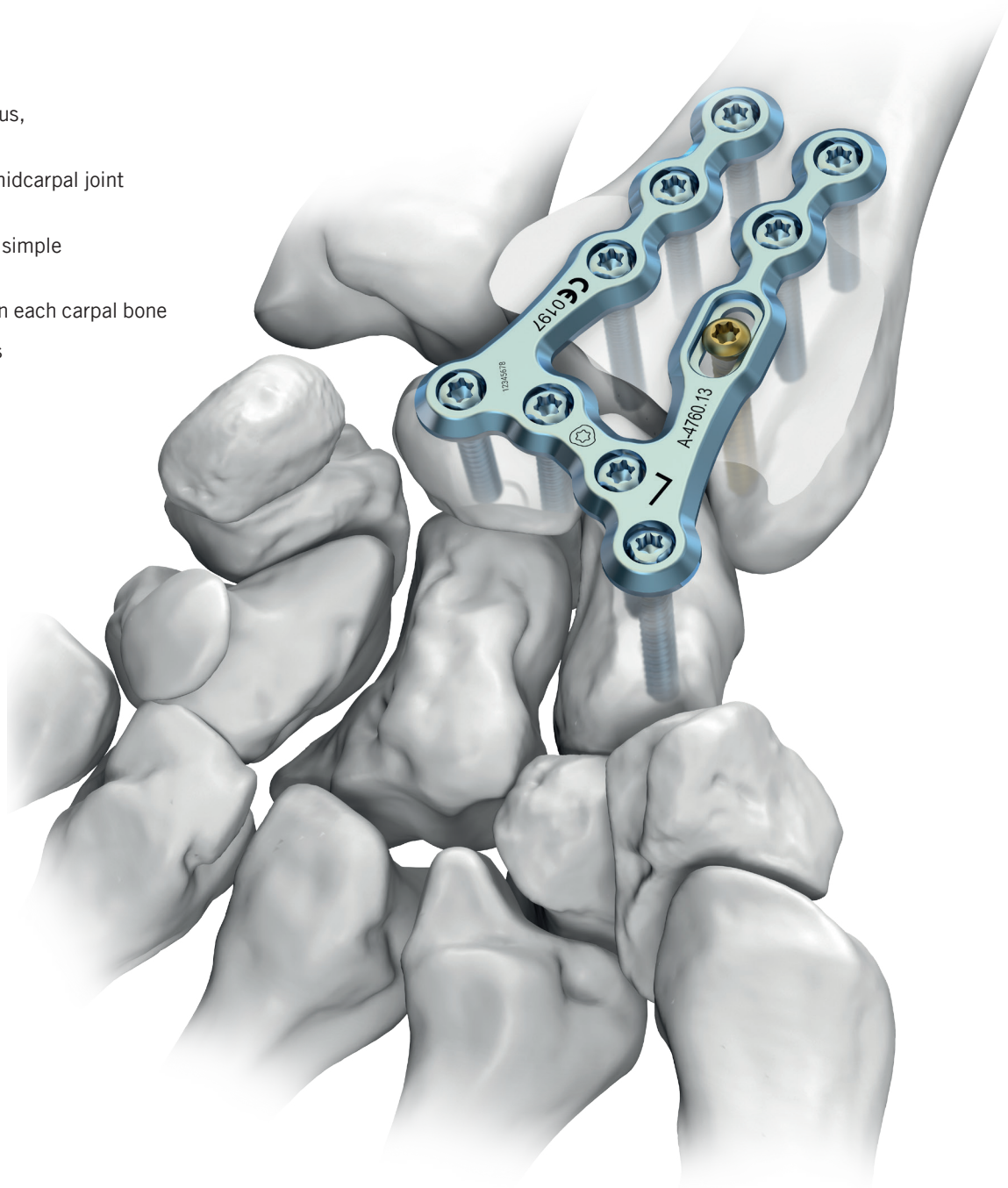


Plate Features

- TriLock – multidirectional angular stability of $\pm 15^\circ$ in all directions and in each screw hole*
- Minimal screw head protrusion thanks to internal locking contour
- Consistent screw diameter of 2.5 mm for intraoperative simplicity
- Oblong hole for variable plate positioning and to facilitate axial compression
- Rounded edges and a smooth surface for soft tissue protection
- Plates are compatible with the screws and instruments of the APTUS Wrist Radius System 2.5

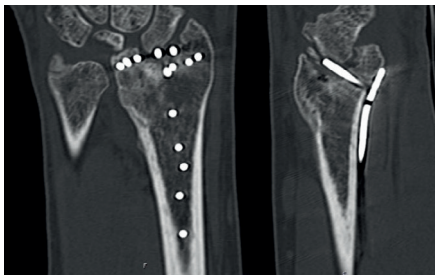


A-4760.13

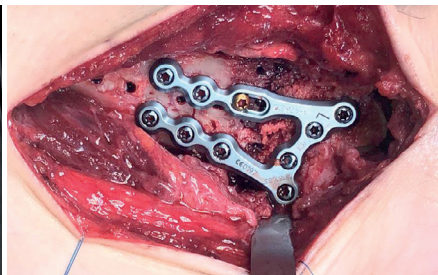


A-4760.14

Scale 1:1



Failed volar fixation with intraarticular screw position, pronounced joint displacement and SL gap widening



Radiocarpal partial arthrodesis with the volar RSL Fusion plate



Postoperative X-rays with precise positioning of the lunate and removed distal pole of the scaphoid

* Exception: oblong hole

2.5 TriLock Wrist Fusion Plates

Radiocapitate wrist arthrodesis

Clinical Benefits

- Fusion of the intermediate column – especially following proximal row carpectomy – without arthrodesis of the carpometacarpal joint
- Physiological motion in the carpometacarpal joint is maintained
- Plate with long bend, for example for medium to large wrists
- Plate with short bend, for example for small wrists

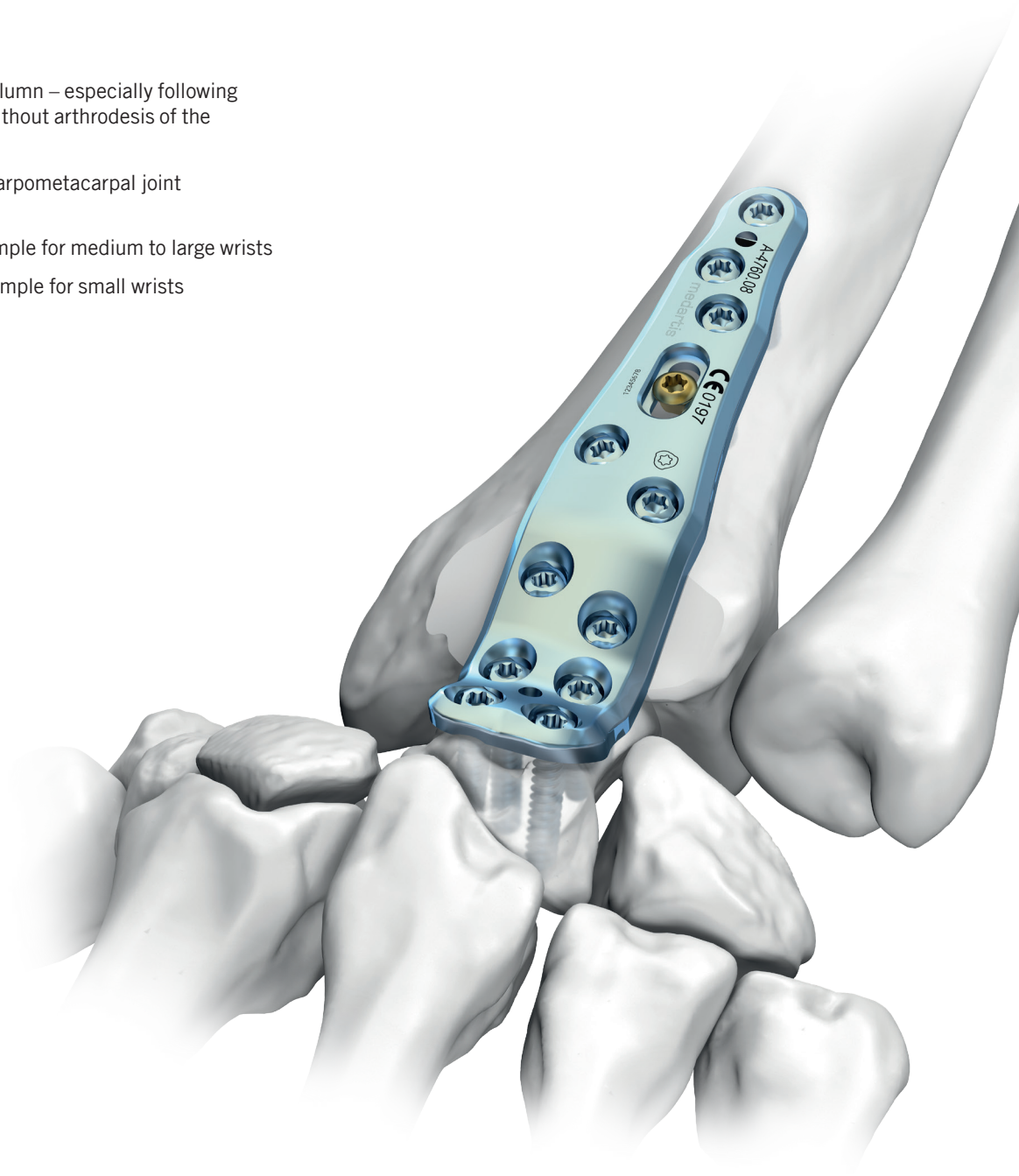
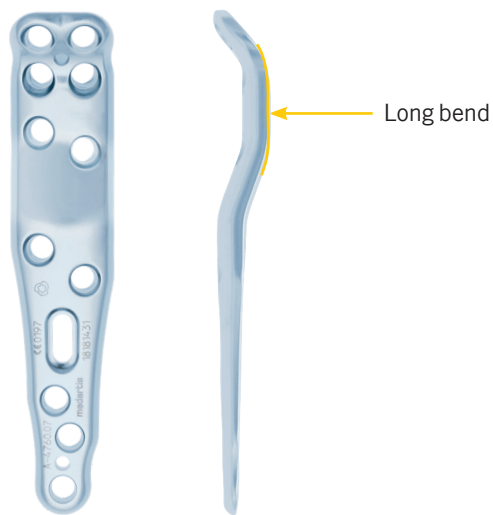
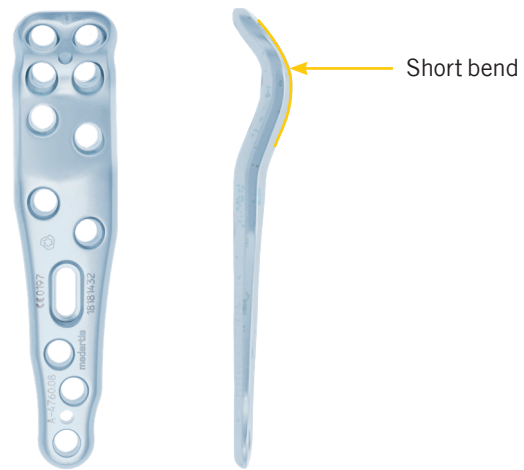


Plate Features

- TriLock – multidirectional angular stability of $\pm 15^\circ$ in all directions and in each screw hole*
- Consistent screw diameter of 2.5 mm for intraoperative simplicity
- Oblong hole for variable plate positioning and to facilitate axial compression
- Chamfered edges and a smooth surface for soft tissue protection
- K-wire holes to assist with temporary plate fixation
- Plates are compatible with the screws and instruments of the APTUS Wrist Radius System 2.5

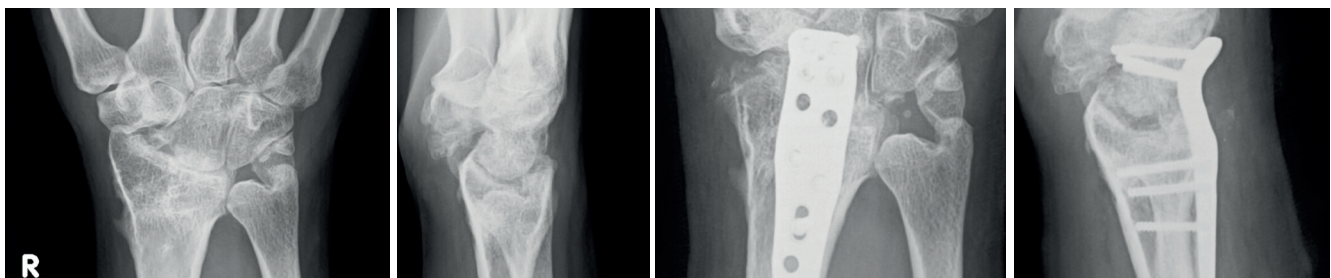


A-4760.07



A-4760.08

Scale 1:1



Painful osteoarthritis 6 years after proximal row carpectomy (PRC)

Postoperative X-rays of the fusion of radius and capitate using the Wrist Fusion plate with short bend

Clinical case published with the kind permission of: Radek Kebrle, Vysoke, Czechia

* Exception: oblong hole

2.5 TriLock Total Wrist Fusion Plates

Total wrist arthrodesis

Clinical Benefits

- Fusion of radiocarpal, midcarpal and carpometacarpal joint
- Plate with long bend, for example for medium to large wrists
- Plate with short bend, for example for small wrists or for arthrodesis following proximal row carpectomy
- Straight plate for fusion in slight flexion, for example in rheumatoid arthritis
- Offset screw arrangement reduces the risk of axial bone splitting in the metacarpal area
- Multiple screw holes for angular stable fixation of various carpal bones

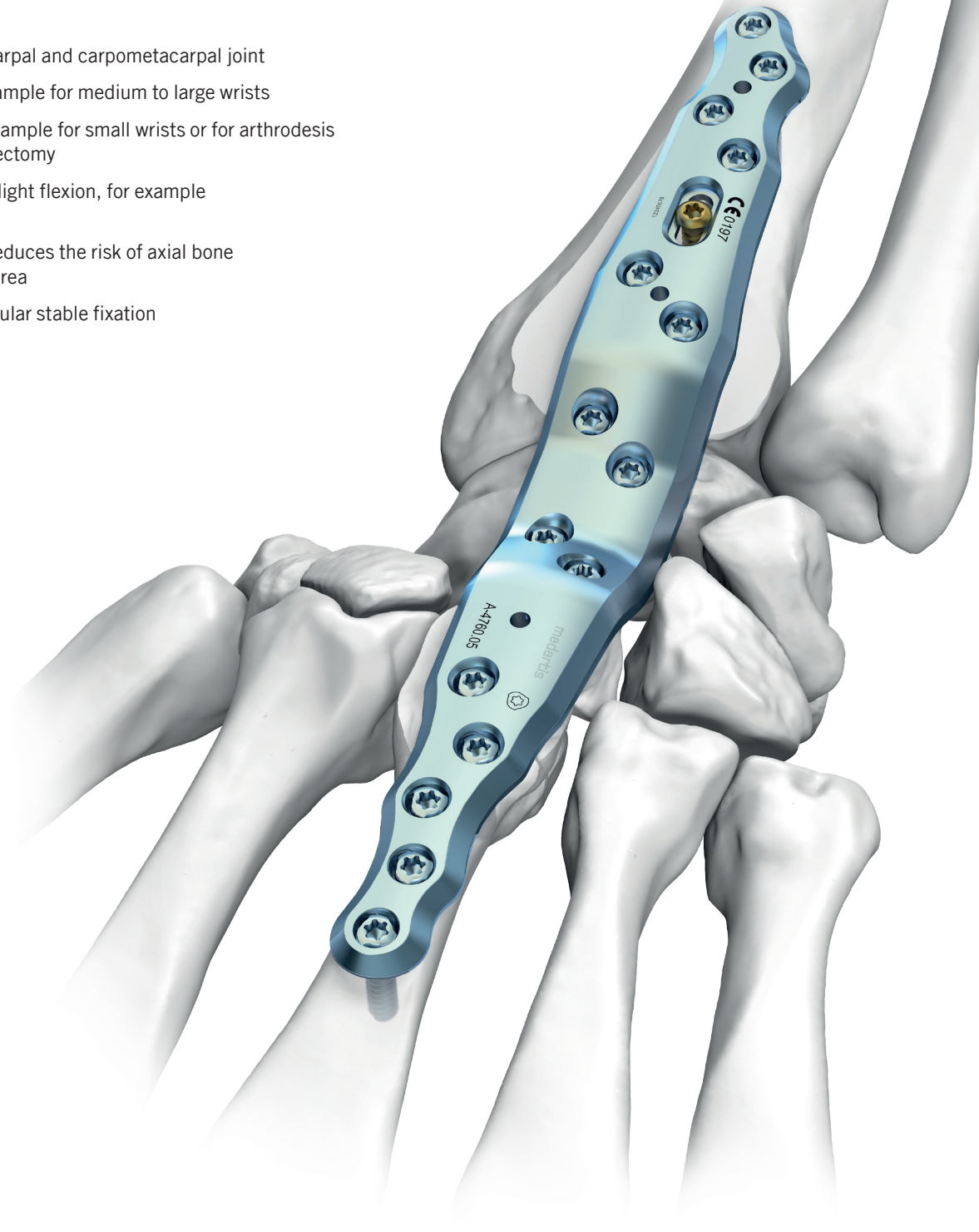
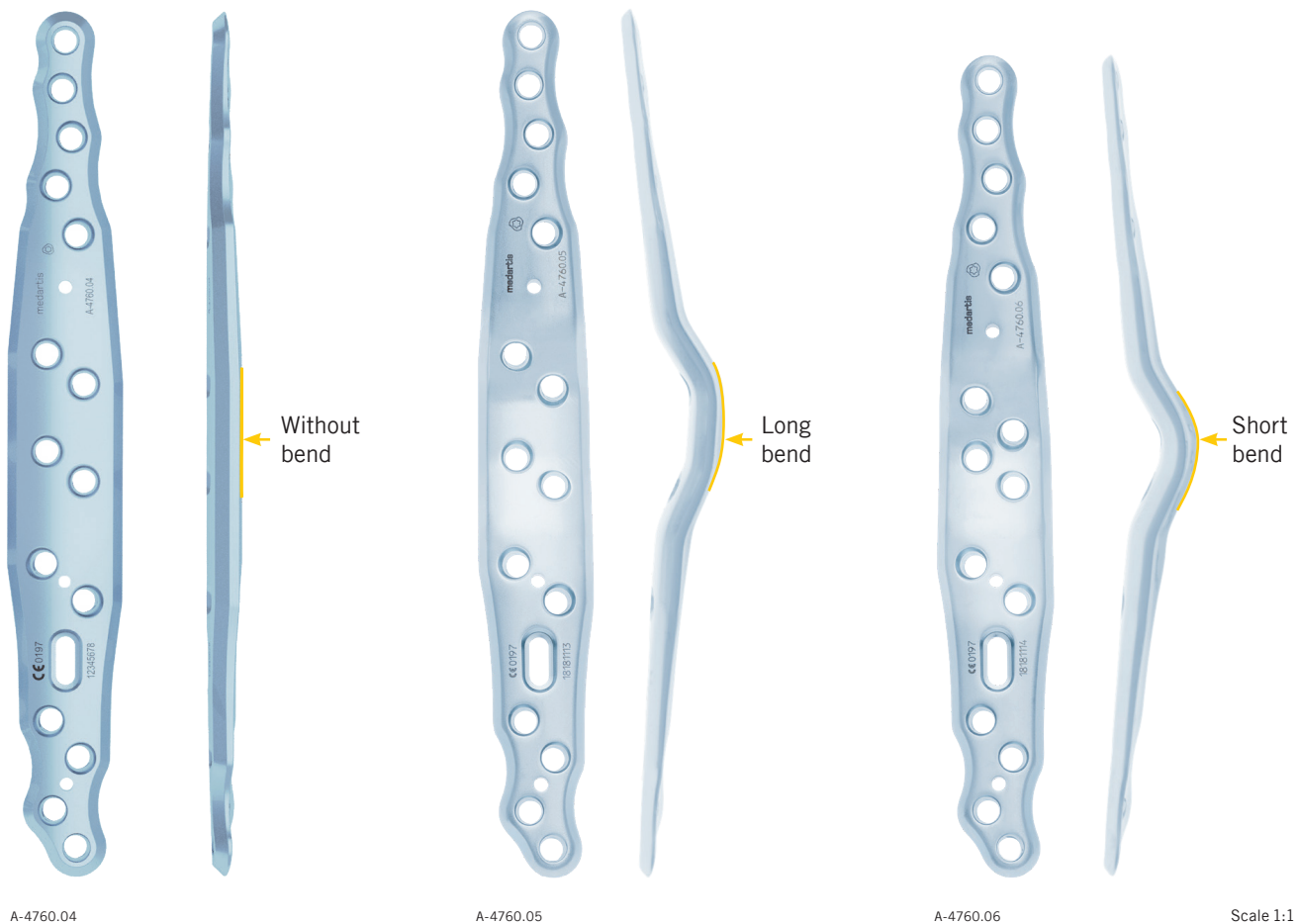
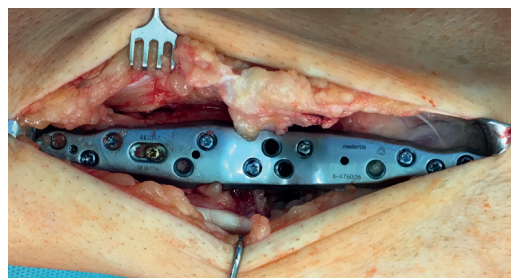


Plate Features

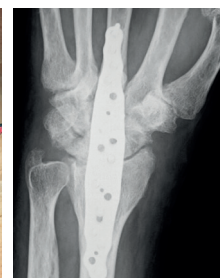
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- Minimal screw head protrusion – especially in the metacarpal area – thanks to internal locking contour
- Consistent screw diameter of 2.5 mm for intraoperative simplicity
- Oblong hole for variable plate positioning and to facilitate axial compression
- Chamfered edges and a smooth surface for soft tissue protection
- K-wire holes to assist with temporary plate fixation
- Plates are compatible with the screws and instruments of the APTUS Wrist Radius System 2.5



Destroyed wrist and ankylosis following synovitis



Intraoperative image of the plate position



Postoperative X-rays of the fusion using the Total Wrist Fusion plate with short bend



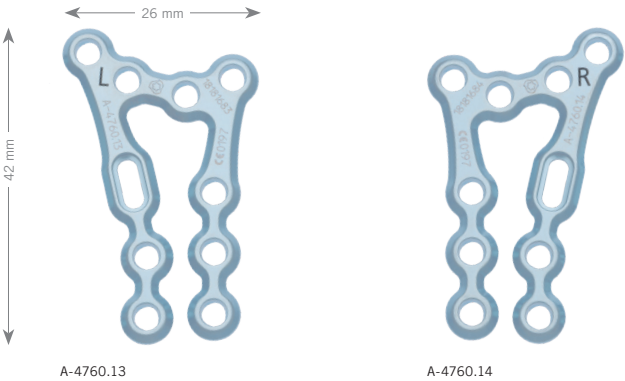
Clinical case published with the kind permission of: Radek Kebrle, Vysoke, Czechia

* Exception: oblong hole

Ordering Information

2.5 TriLock RSL Fusion Plates, Volar

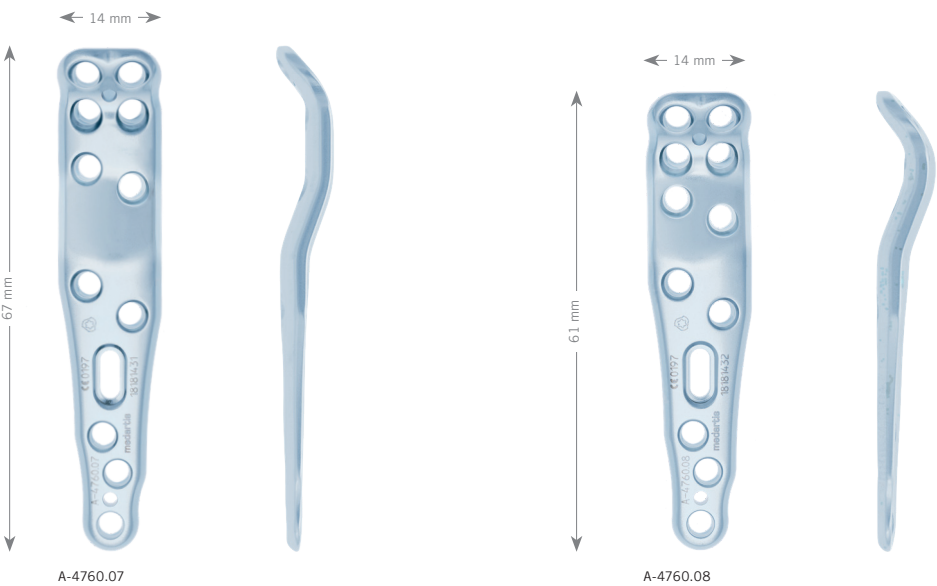
Material: Titanium (ASTM F67)
Plate thickness: 1.6 mm



Art. No.	Description	Holes	Pieces/Pkg
A-4760.13	left	10	1
A-4760.14	right	10	1

2.5 TriLock Wrist Fusion Plates, Dorsal, Radiocapitate

Material: Titanium (ASTM F67)
Plate thickness: 1.8–2.6 mm

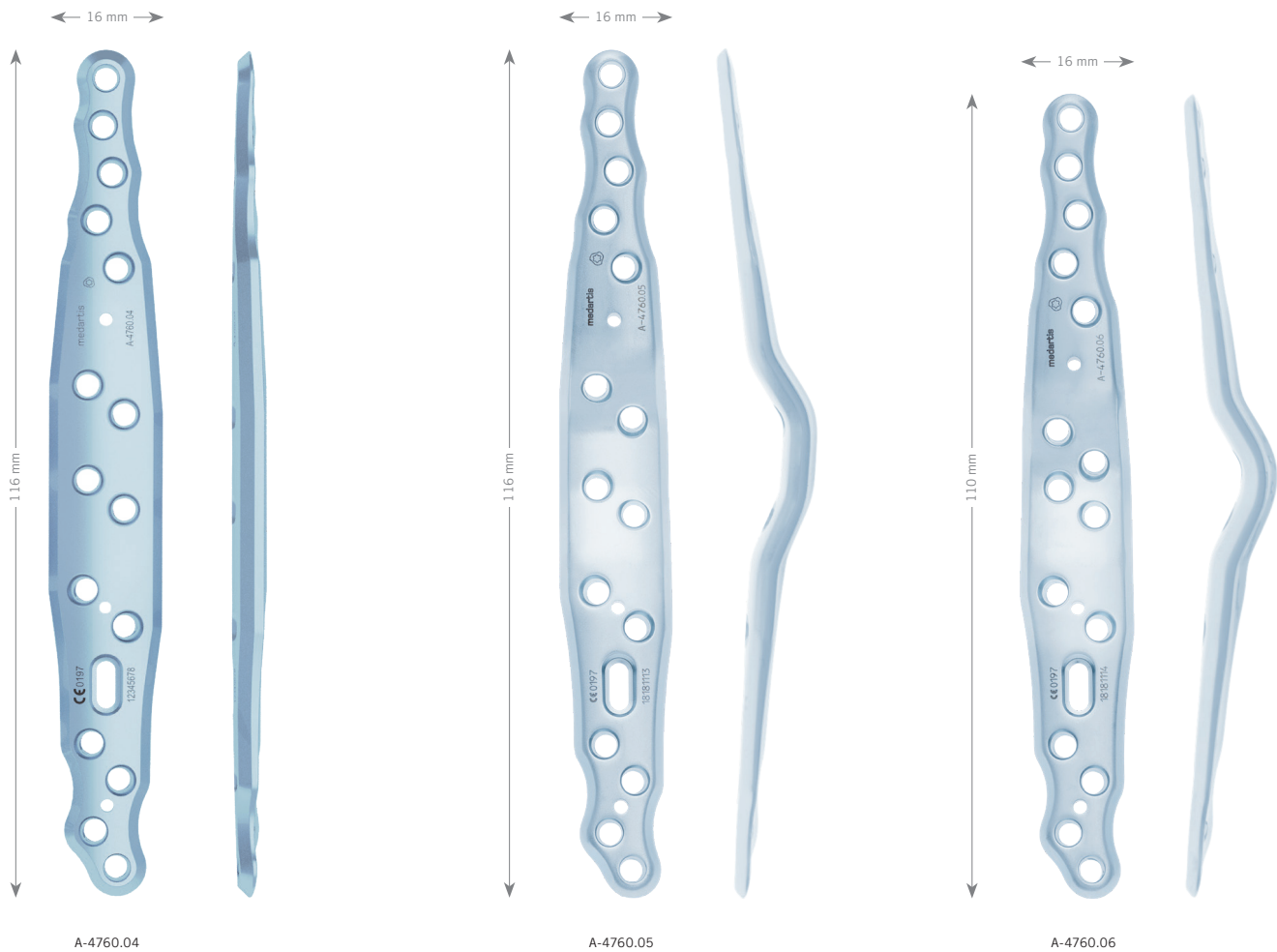


Art. No.	Description	Holes	Pieces/Pkg
A-4760.07	long bend	12	1
A-4760.08	short bend	12	1

Scale 1:1

2.5 TriLock Total Wrist Fusion Plates, Dorsal

Material: Titanium (ASTM F67)
Plate thickness: 1.8–2.6 mm



Art. No.	Description	Holes	Pieces/Pkg
A-4760.04	straight	16	1
A-4760.05	long bend	16	1
A-4760.06	short bend	16	1

Scale 1:1

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