

medartis®

PRECISION IN FIXATION

PRODUCT INFORMATION

Arthrodesis System 2.0/2.3, 2.5



APTUS®
Hand/Wrist

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For further information regarding the APTUS product line visit:

www.medartis.com

A Well-Designed Arthrodesis System for the Carpal Bones and Wrist

Freedom from pain, mobility and stability are basic prerequisites for trouble-free hand function. If “normal functioning” of the hand is no longer possible, for example due to serious post-traumatic or degenerative osteoarthritis or rheumatoid arthritis, this greatly limits the quality of life of the person concerned. As a last resort for enabling this patient to lead a pain-free everyday life with the maximum possible freedom of movement, a partial or total arthrodesis of the affected joints is very often performed.

The APTUS Wrist Arthrodesis System 2.0/2.3, 2.5 offers a comprehensive portfolio of plates for meeting the individual needs of patients.

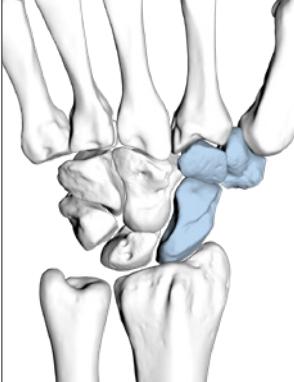
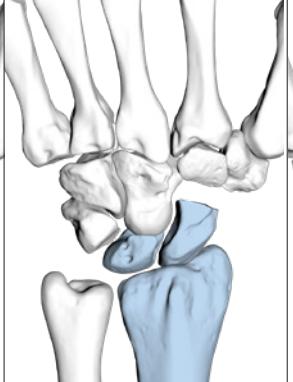
The system includes specifically developed plates for four corner fusion (4CF) and fusion of the scaphoid, trapezium and trapezoid (STT). Plates are also available for radioscapolunate fusion (RSL) and for total wrist fusion (TWL), supplemented

by wrist fusion plates (WF) that avoid fusion of the carpometacarpal joint, thereby allowing the physiological movements in this joint to be preserved.

The APTUS Wrist Arthrodesis System 2.0/2.3, 2.5, with its well-designed plate portfolio in combination with the multidirectional and angular stable TriLock locking technology, enables stable fixation of the required patient specific arthrodesis of the carpal bones and wrist, respectively.

Treatment Concept

The table below lists typical clinical findings which can be treated with the implants of the APTUS Hand / Wrist Arthrodesis System 2.0 / 2.3, 2.5.

Bones to fixate							
Plates	 A-4660.15	 A-4660.10	 A-4660.11*	 A-4760.11	 A-4760.12	 A-4760.13	 A-4760.14
Examples of typical clinical findings in which at the physician's discretion an arthrodesis may be indicated.							
	<ul style="list-style-type: none"> Osteoarthritis between scaphoid-trapezium-trapezoid Necrosis of the lunate bone Scapholunate ligament dissociation (SLAC) 	<ul style="list-style-type: none"> Osteoarthritis between radius, scaphoid and potentially midcarpal joint 	<ul style="list-style-type: none"> Degenerative and post-traumatic osteoarthritis in the radiocarpal joint 				

* For small wrists

Bones to fixate							
	<ul style="list-style-type: none"> • Radius • Scaphoid • Lunate • Capitate • Trapezoid 	<ul style="list-style-type: none"> • Radius • Capitate 	<ul style="list-style-type: none"> • Radius • Scaphoid • Lunate • Capitate • Metacarpal III 				
Plates							
	 A-4760.01	 A-4760.02**	 A-4760.07	 A-4760.08**	 A-4760.04	 A-4760.05	 A-4760.06**

Examples of typical clinical findings in which at the physician's discretion an arthrodesis may be indicated.

	<ul style="list-style-type: none"> • Osteoarthritis in the radiocarpal and midcarpal joint; physiological movement in the carpometacarpal joint is maintained 	<ul style="list-style-type: none"> • Osteoarthritis following proximal row carpectomy • Osteoarthritis following failed partial arthrodesis (Four Corner Fusion) • Post-traumatic deformity 	<ul style="list-style-type: none"> • Osteoarthritis in the radiocarpal and midcarpal joint; including complete fusion of the carpometacarpal joint • Post-traumatic deformity • Rheumatic diseases • Spastic deformity • Tumor
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** For small wrists and following proximal row carpectomy

2.0/2.3 TriLock STT Fusion Plate

Partial arthrodesis for stabilization of the radial column

Clinical Benefits

- Specifically developed plate 2.0/2.3 for fusion of scaphoid, trapezium and trapezoid (STT)
- Compression and stable fixation of the carpal bones
 - Screw holes for compression of the carpal bones being fused using cortical screws or for angular stable fixation using TriLock screws
 - Two screws can be inserted in each carpal bone
- Concave shape of the plate and the reamer
 - Minimal bone removal
 - Easy handling without intraoperative tilting of the plate

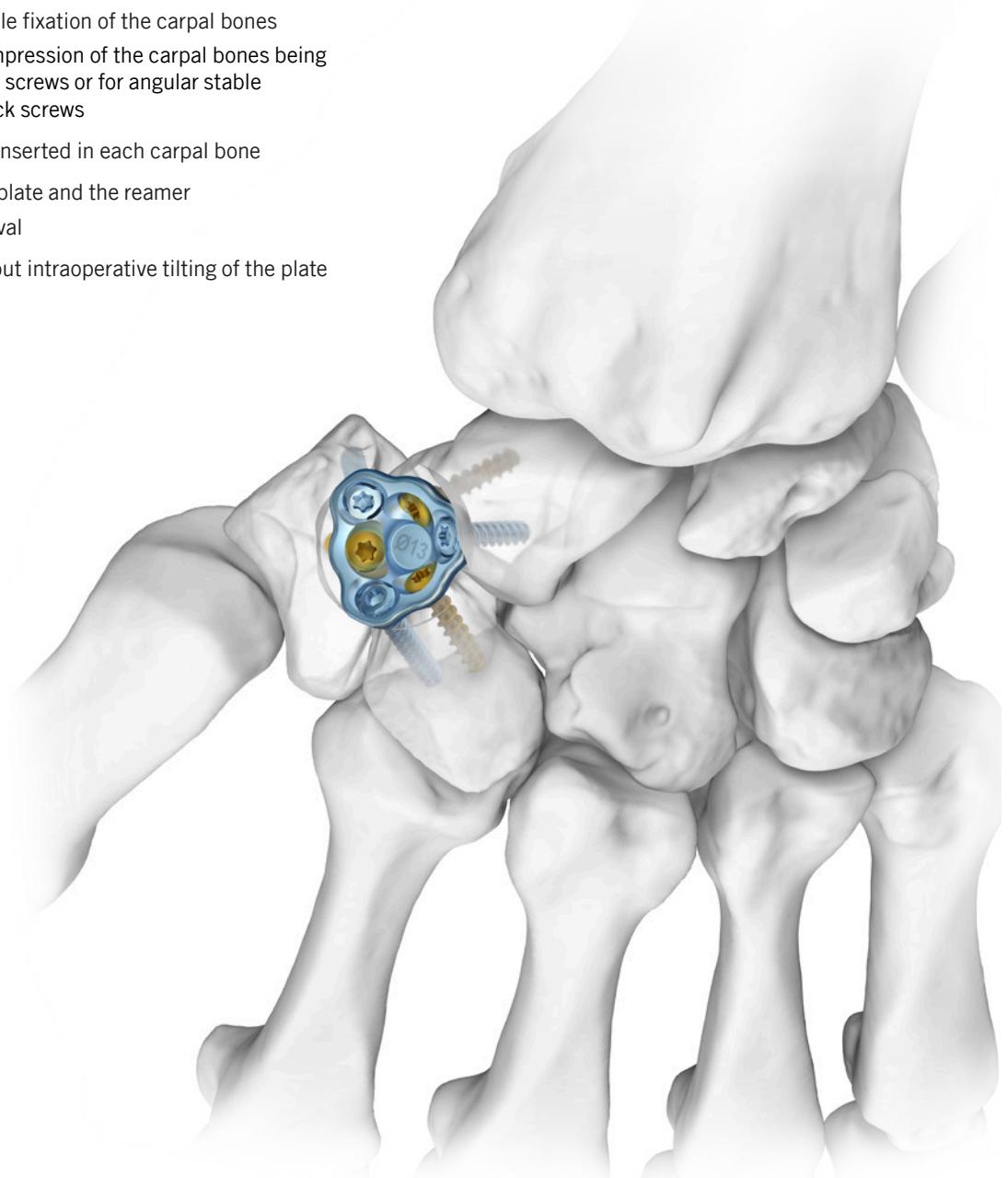
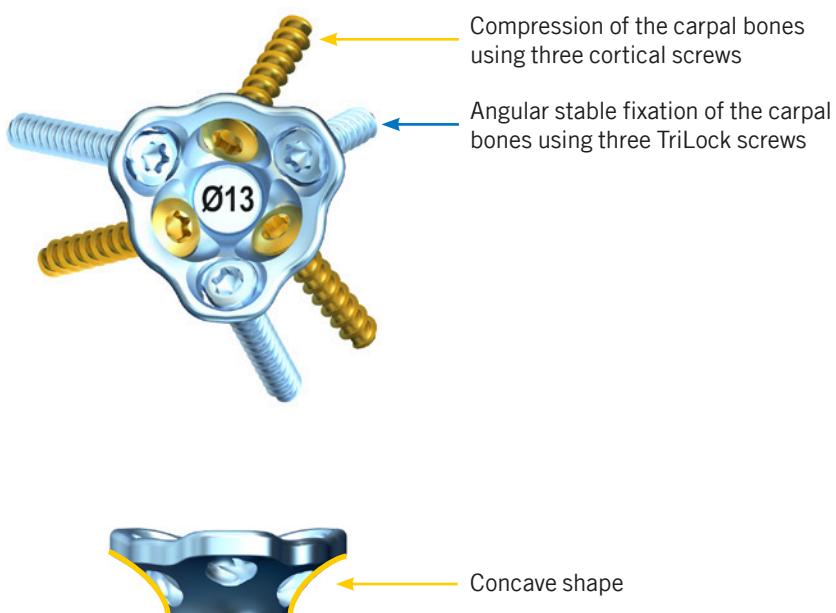


Plate Features

- TriLock – multidirectional angular stability of $\pm 15^\circ$ in all directions
- Rounded edges and a smooth surface for soft tissue protection
- Specifically designed reamer for the plate
- The plate is compatible with the screws and instruments of the APTUS Hand System 2.0/2.3



A-4660.15

Scale 1:1



Intraoperative X-rays



Result after partial arthrodesis with the STT Fusion plate



Postoperative X-rays

Clinical case published with the kind permission of: Arnold-Peter Weiss, Providence, USA

2.0/2.3 TriLock Four Corner Fusion Plates

Midcarpal arthrodesis through compression and angular stable locking

Clinical Benefits

- Specifically developed plates for fusion of capitate, hamate, triquetrum and lunate
 - 4CF plate, for example for medium to large wrists
 - Small 4CF plate, for example for small wrists
- Compression and stable fixation of the carpal bones
 - Inner screw holes for compression of the carpal bones being fused using cortical screws (optional for small 4CF plate)
 - Outer screw holes for angular stable fixation using TriLock screws
 - At least two screws can be inserted in each carpal bone
- Concave shape of the plates and the corresponding reamers
 - Minimal bone removal
 - Easy handling without intraoperative tilting of the plates

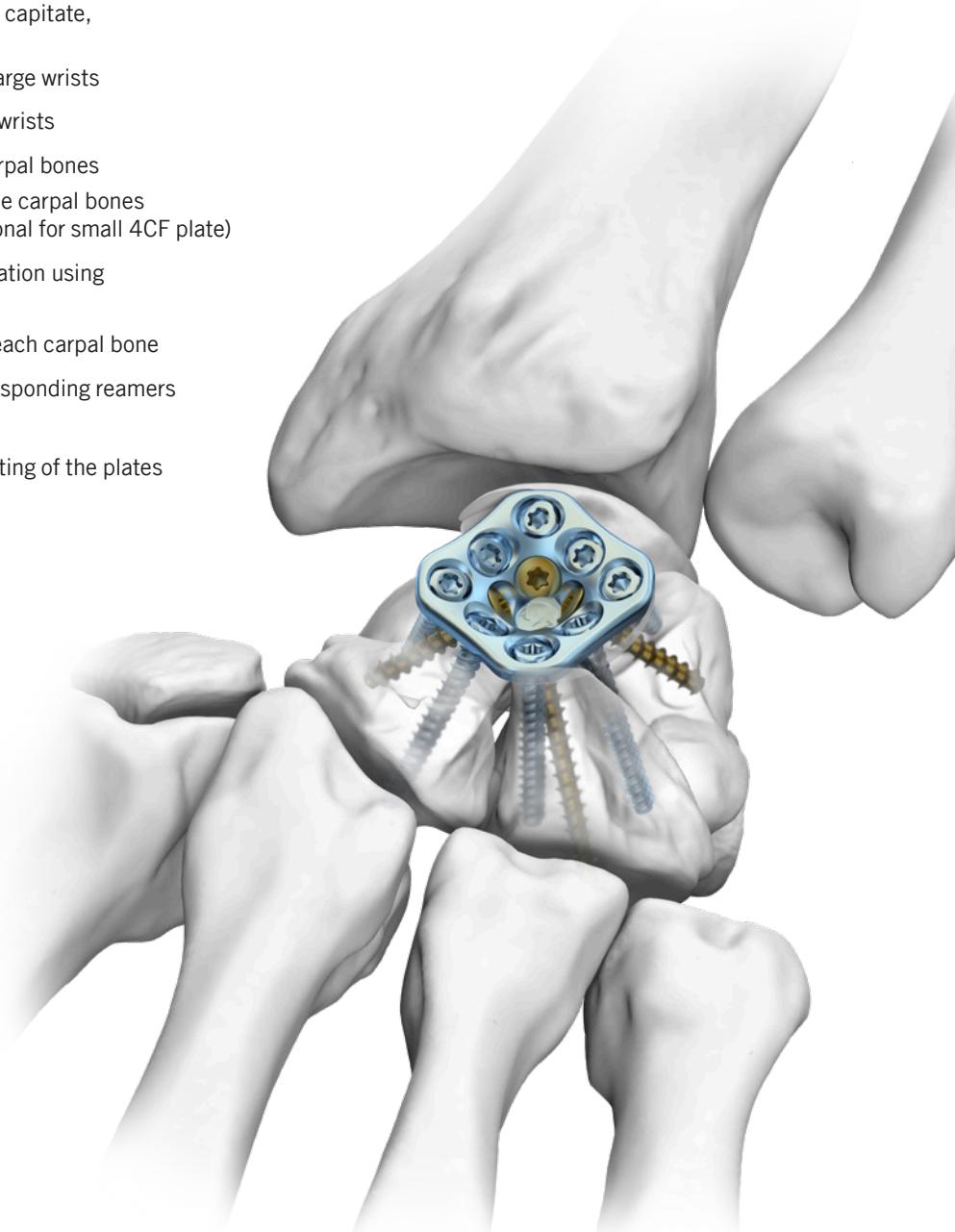
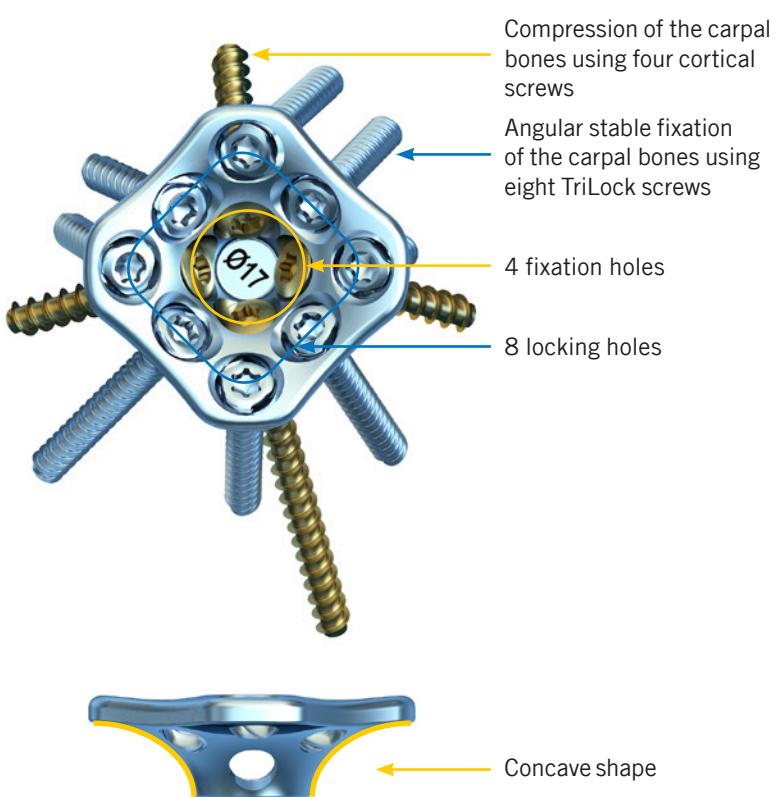


Plate Features

- Four Corner Fusion plates in two sizes to meet individual anatomical requirements
- TriLock – multidirectional angular stability of $\pm 15^\circ$ in all directions*
- Rounded edges and a smooth surface for soft tissue protection
- Specifically designed reamers for each plate
- The plates are compatible with the screws and instruments of the APTUS Hand System 2.0/2.3



A-4660.10

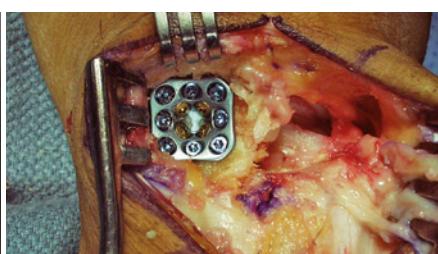


A-4660.11

Scale 1:1



Preoperative X-rays



Result after midcarpal arthrodesis with the 4CF plate. Three screws in each of the carpal bones capitate, hamate, triquetrum and lunate (1 x cortical screw, 2 x TriLock screws).



Postoperative X-rays

Clinical case published with the kind permission of: Arnold-Peter Weiss, Providence, USA

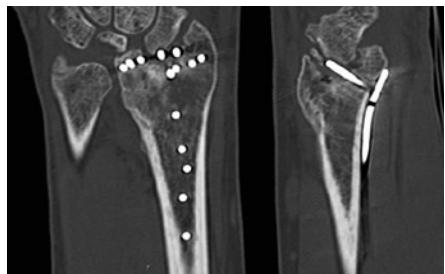
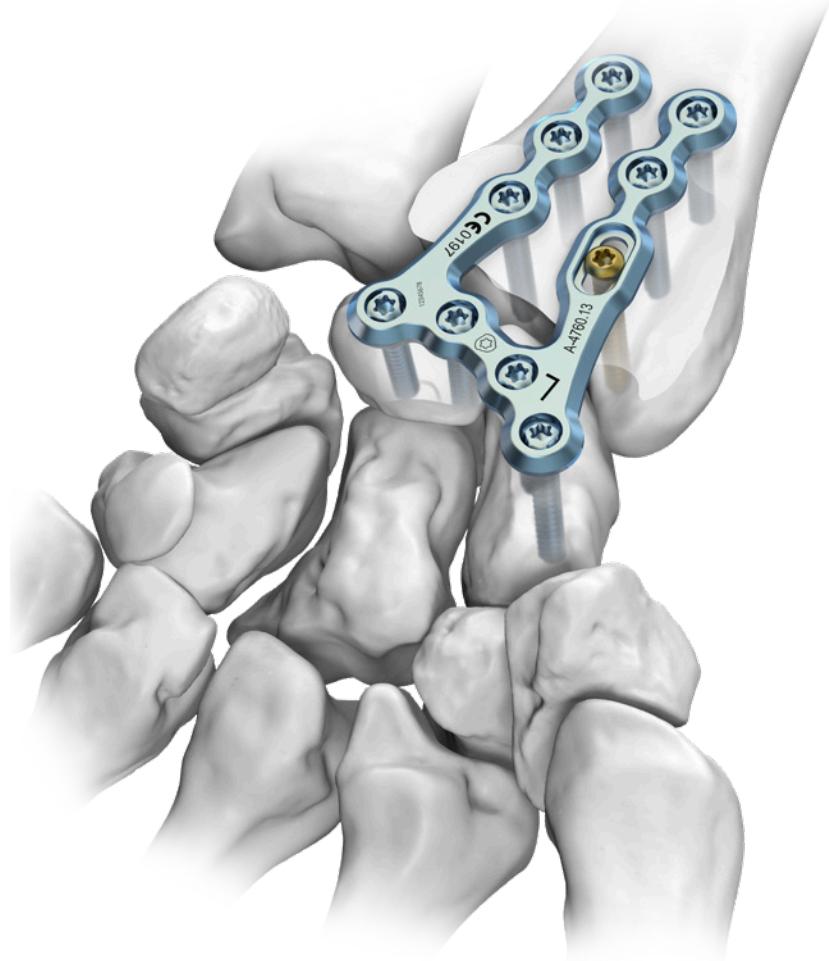
* Exception: Inner screw holes of the 4CF plate (A-4660.10)

2.5 TriLock RSL Fusion Plates

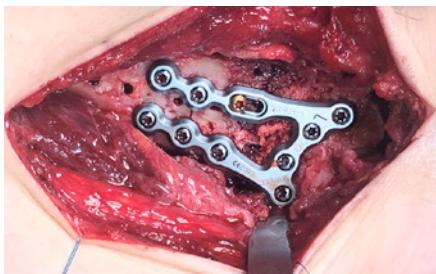
Radiocarpal arthrodesis from volar or dorsal

Clinical Benefits

- Volar and dorsal 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



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



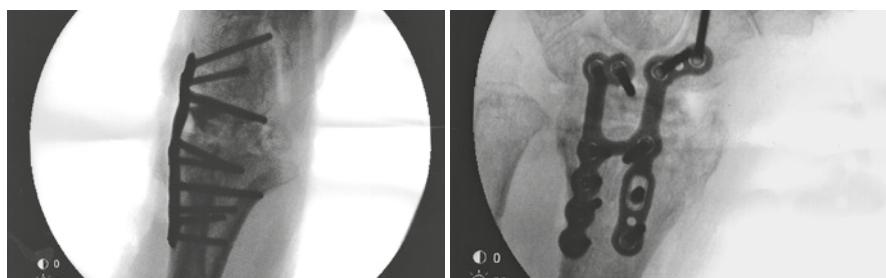
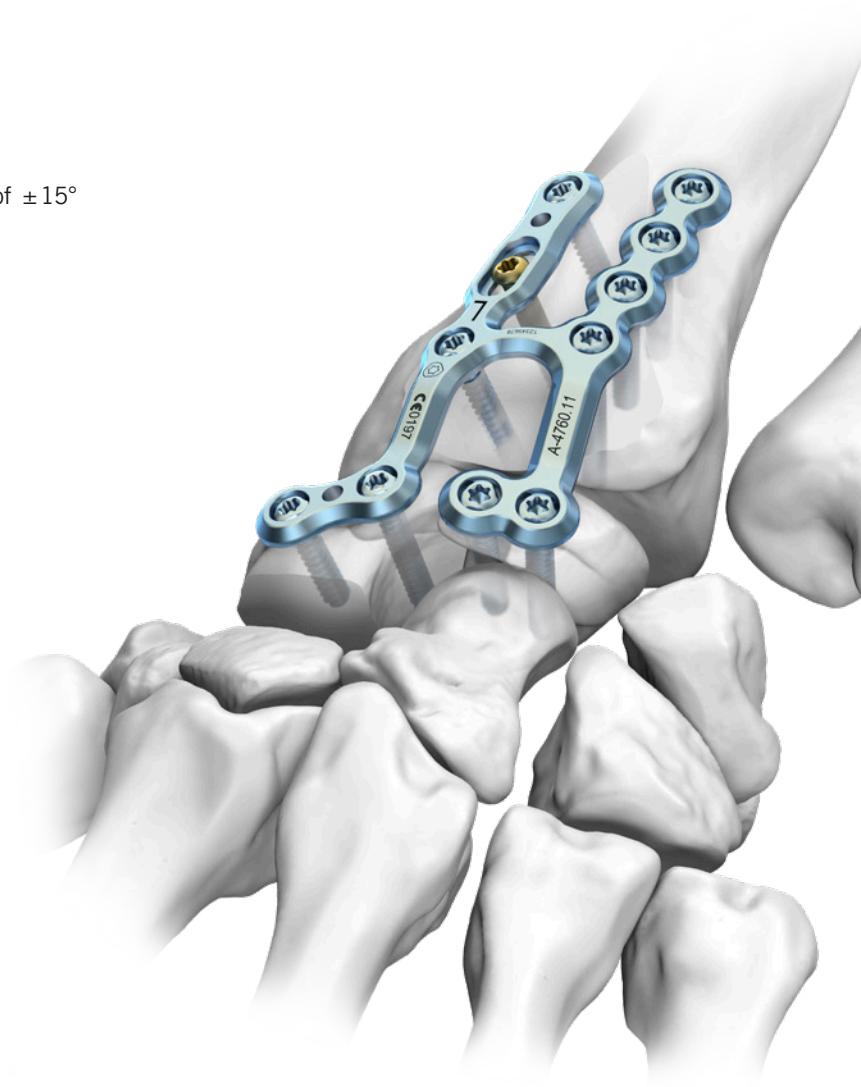
Radiocarpal partial arthrodesis with the volar RSL Fusion plate



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

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



Intraoperative X-rays of the arthrodesis with the dorsal RSL Fusion plate

Clinical case published with the kind permission of: Alfons Erdmann, Cologne, Germany

* Exception: oblong hole

2.5 TriLock Wrist Fusion Plates

Fusion without arthrodesis of the carpometacarpal joint

Clinical Benefits

- Fusion of radiocarpal and midcarpal joint 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 or for arthrodesis following proximal row carpectomy
- Numerous screw holes for angular stable fixation of various carpal bones
- Two pre-angled screw holes for cortical screws allow for additional fixation of scaphoid and lunate or bone graft
- Double shaft design provides high rotational stability
- Offset screw alignment in the shaft area to avoid screw collisions

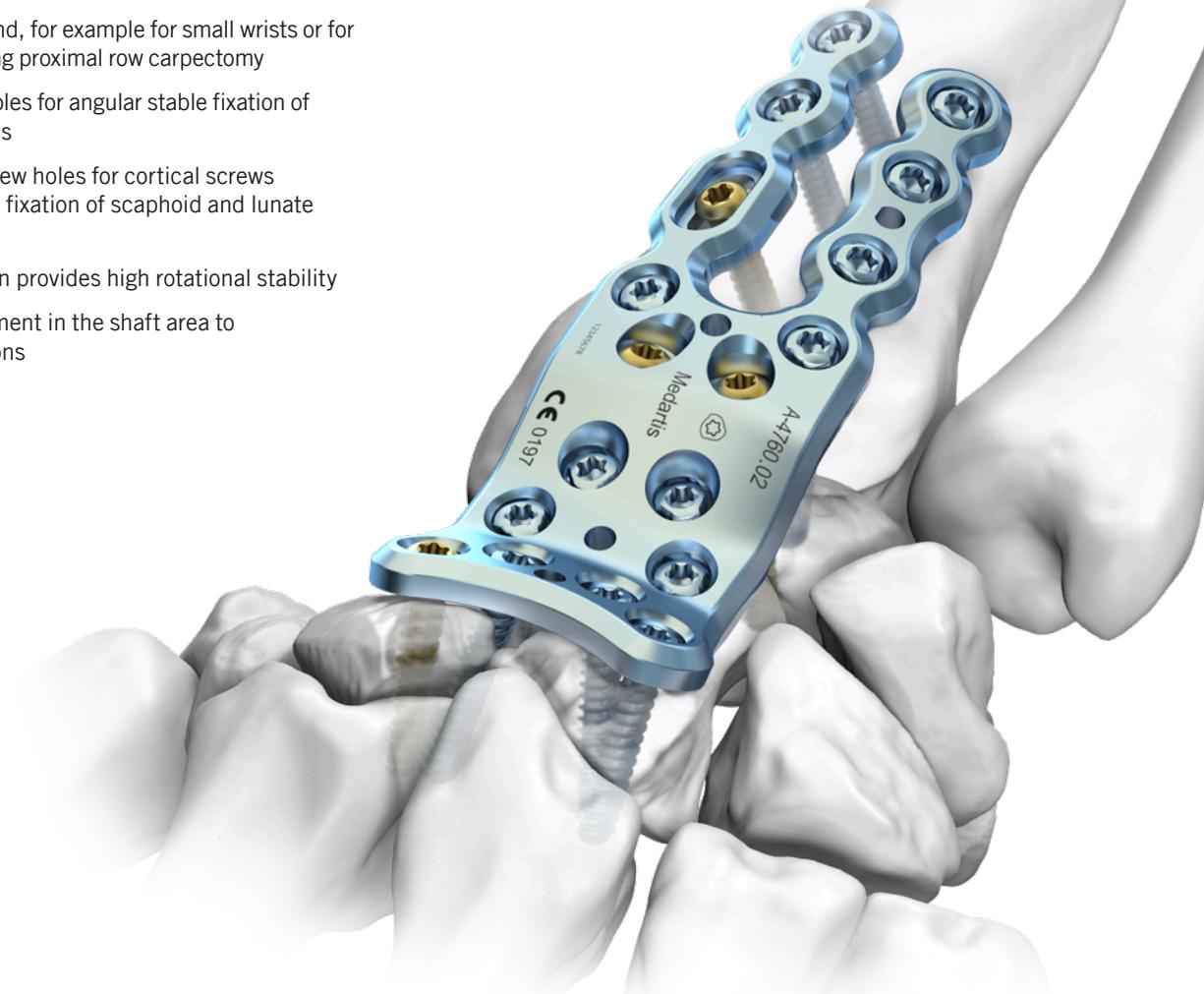


Plate Features

- 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
- Rounded 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-4760.01



A-4760.02

Scale 1:1



Preoperative X-rays



Result after arthrodesis using the Wrist Fusion plate with long bend



Postoperative X-rays



Clinical case published with the kind permission of: Hermann Krimmer, Ravensburg, Germany

* Exception: oblong hole and pre-angled screw holes for cortical screws

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

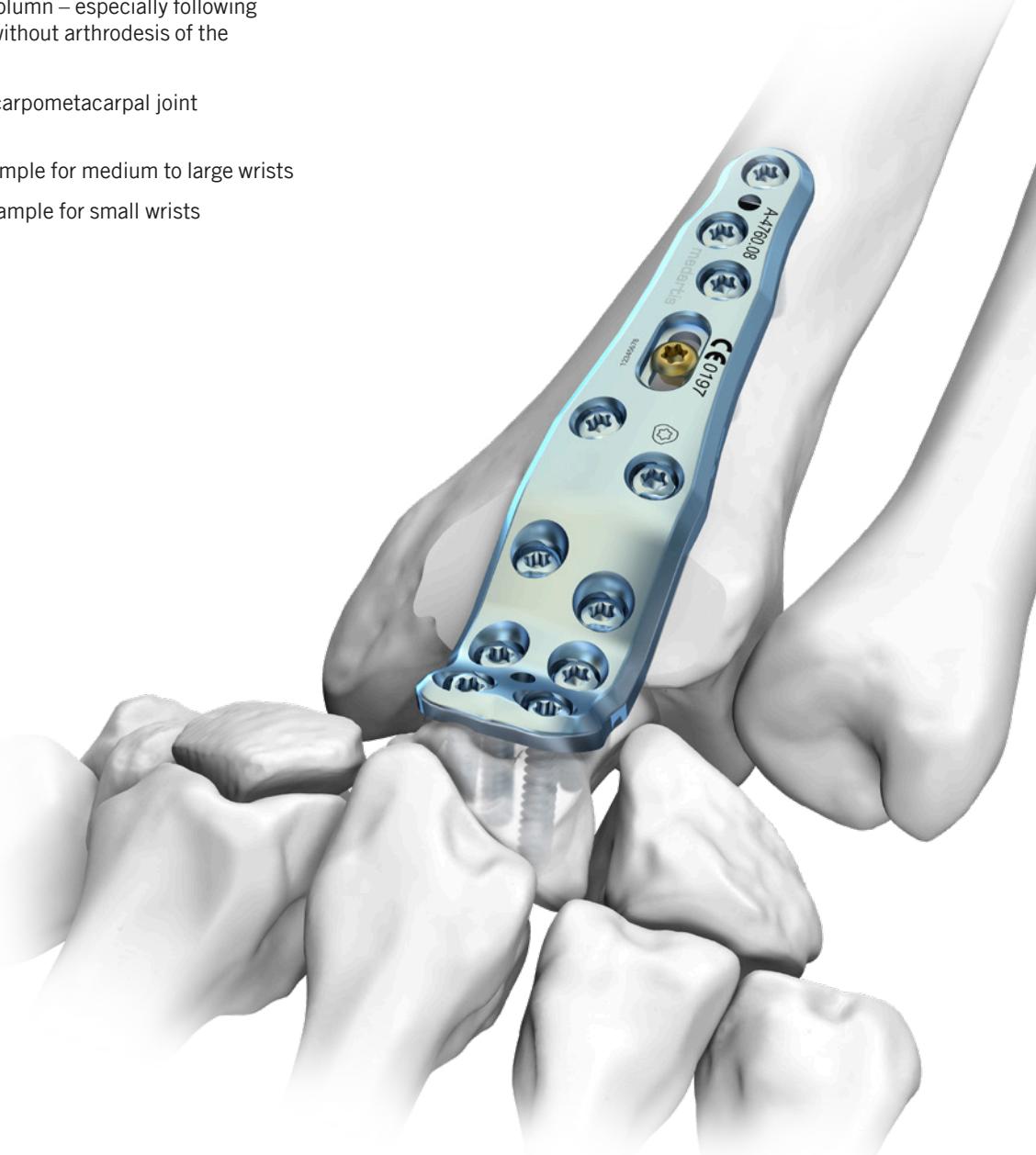
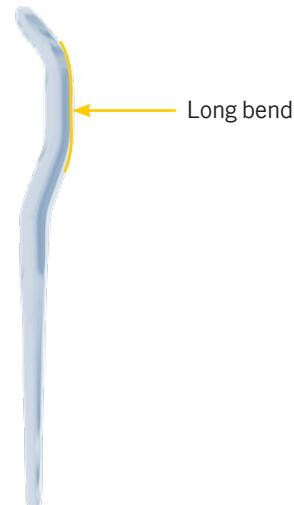


Plate Features

- 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



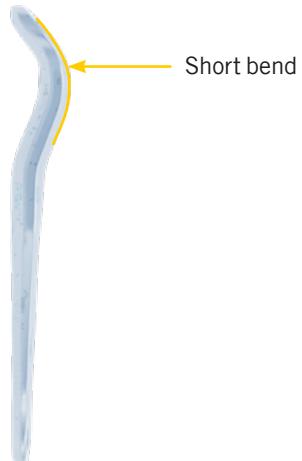
A-4760.07



Long bend



A-4760.08



Short bend

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

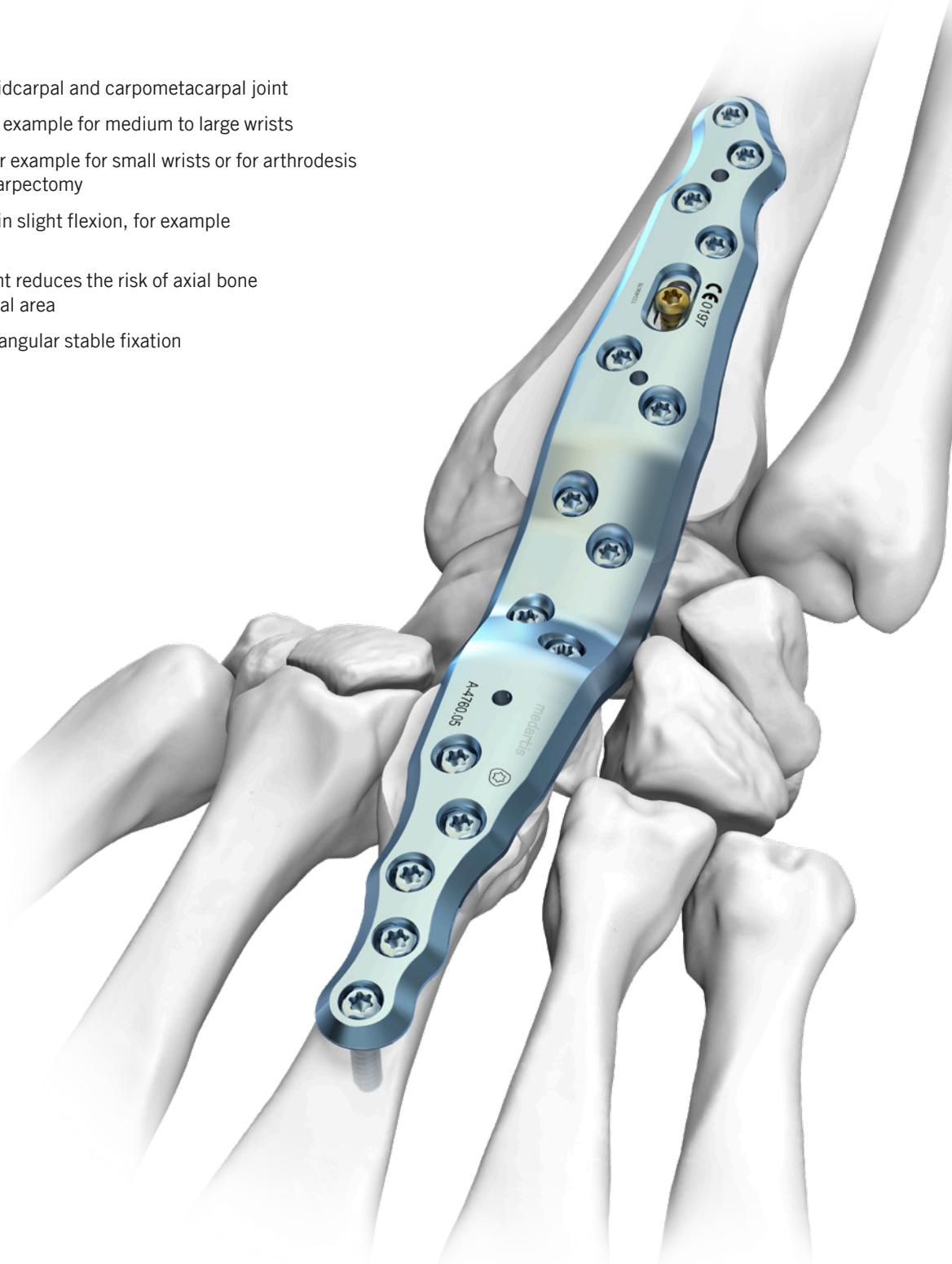
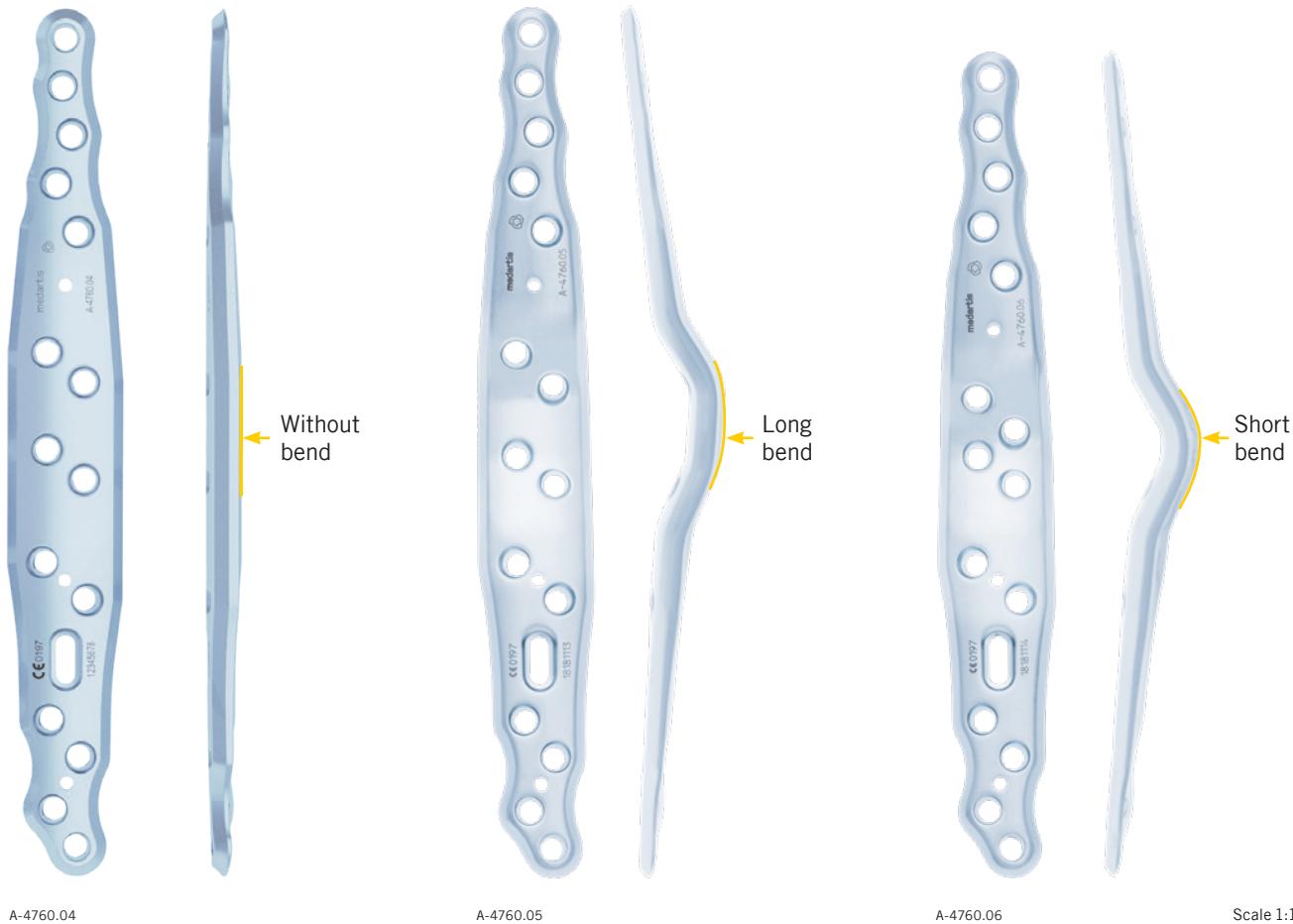


Plate Features

- TriLock – multidirectional angular stability of $\pm 15^\circ$ in all directions and in each screw hole*
- 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



A-4760.04

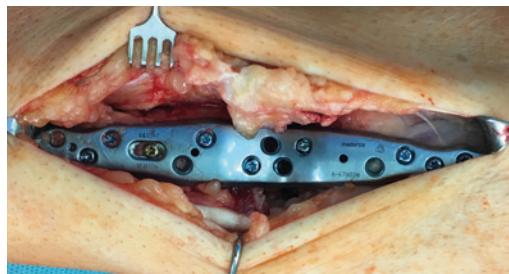
A-4760.05

A-4760.06

Scale 1:1



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

Technology, Biomechanics, Screw Features

Multidirectional and angular stable TriLock® locking technology

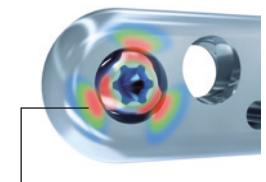
TriLock Technology

- Patented TriLock locking technology – multidirectional locking of the screw in the plate
 - Spherical three-point wedge-locking
 - Friction locking through radial bracing of the screw head in the plate – without additional tensioning components
- Screws can pivot freely by $\pm 15^\circ$ in all directions for optimal positioning
- Intraoperative fine-tuning capabilities
- TriLock screws can be re-locked in the same screw hole at individual angles up to three times
- Minimal screw head protrusion thanks to internal locking contour
- No cold welding between plate and screws

Locking



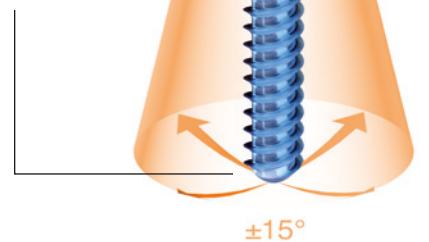
Locked



TriLock locking technology – multidirectional locking of the screw in the plate

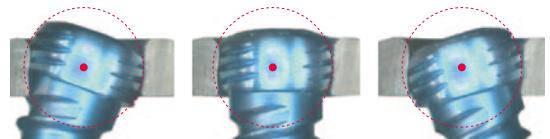
TriLock screws
can be re-locked
up to three times

Variable angle
of $\pm 15^\circ$



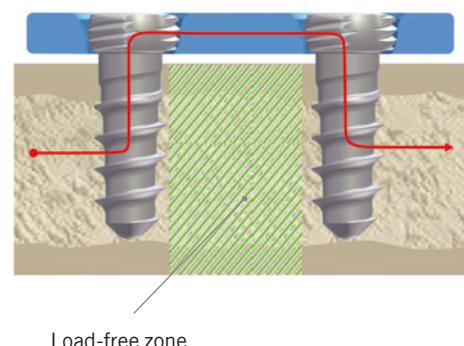
$\pm 15^\circ$

Minimal screw head protrusion



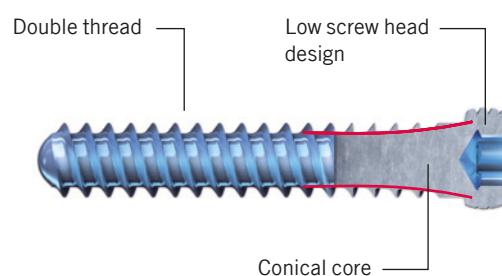
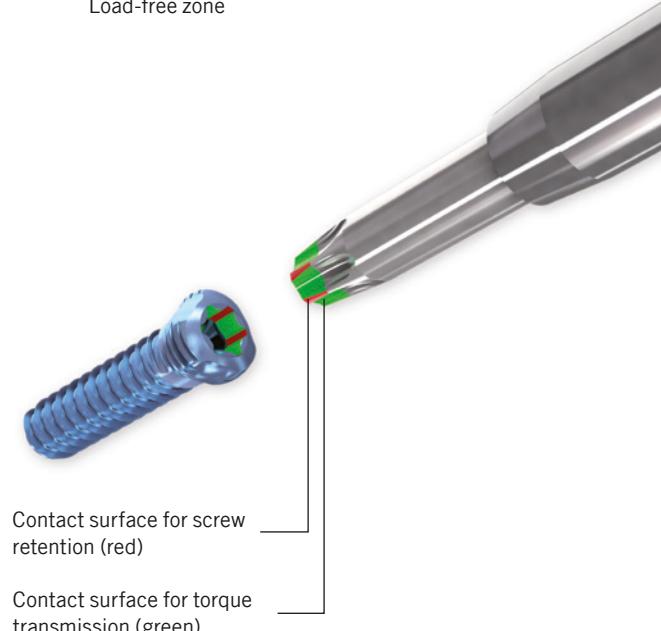
Biomechanics

- Internal fixator principle
 - Stable plate-screw construct allows for the bridging of unstable zones



Screw Features

- Patented HexaDrive screw head design
 - HexaDrive interface with self-holding properties between screw and screwdriver
 - Increased torque transmission
 - Simplified screw pick-up due to patented self-holding technology
- Soft tissue protection due to smooth screw head design
- Atraumatic screw tip offers soft tissue protection when inserting screws bicortically
- Increased torsional, bending and shear stability due to conical core
- Precision cut thread profile for sharpness and self-tapping properties
- Double threaded TriLock screws reduce screw insertion time



Storage

- Modular concept
- Compact system and clear configuration
- Easy to use
- Lightweight components
- Validated cleaning and sterilization of the implants

APTUS Arthrodesis Set 2.0 / 2.3



APTUS Arthrodesis Set 2.5



Ordering Information

2.0 / 2.3 TriLock STT Fusion Plate, Dorsal

Material: Titanium (ASTM F67)
Plate thickness: 1.4 mm

↔12.4 mm↔



A-4660.15

Art. No.	STERILE	Holes	Pieces/Pkg
A-4660.15	A-4660.15S	6 (3+3)	1

2.0 / 2.3 TriLock Four Corner Fusion Plates, Dorsal

Material: Titanium (ASTM F67)
Plate thickness: 1.4 mm

↔14.5 mm↔



A-4660.10

↔12.5 mm↔



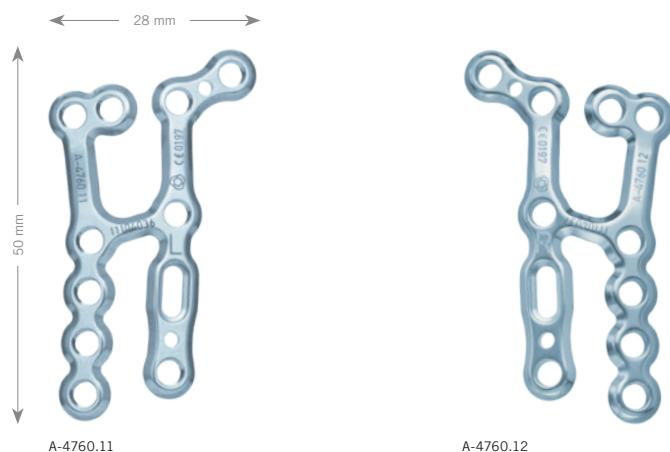
A-4660.11

Art. No.	STERILE	Description	Holes	Pieces/Pkg
A-4660.10	A-4660.10S		12 (4+8)	1
A-4660.11	A-4660.11S	small	8 (4+4)	1

2.5 TriLock RSL Fusion Plates, Dorsal

Material: Titanium (ASTM F67)

Plate thickness: 1.6 mm

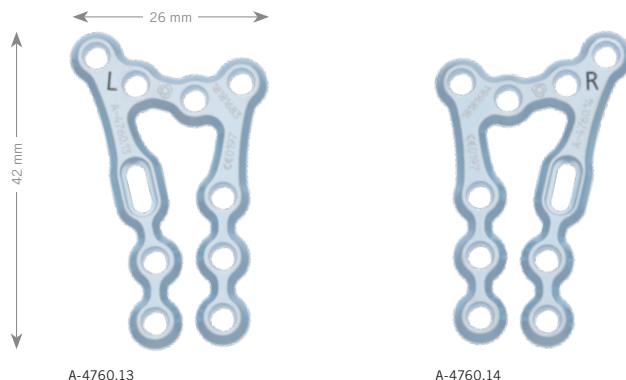


Art. No.	STERILE	Description	Holes	Pieces/Pkg
A-4760.11	A-4760.11S	left	11	1
A-4760.12	A-4760.12S	right	11	1

2.5 TriLock RSL Fusion Plates, Volar

Material: Titanium (ASTM F67)

Plate thickness: 1.6 mm

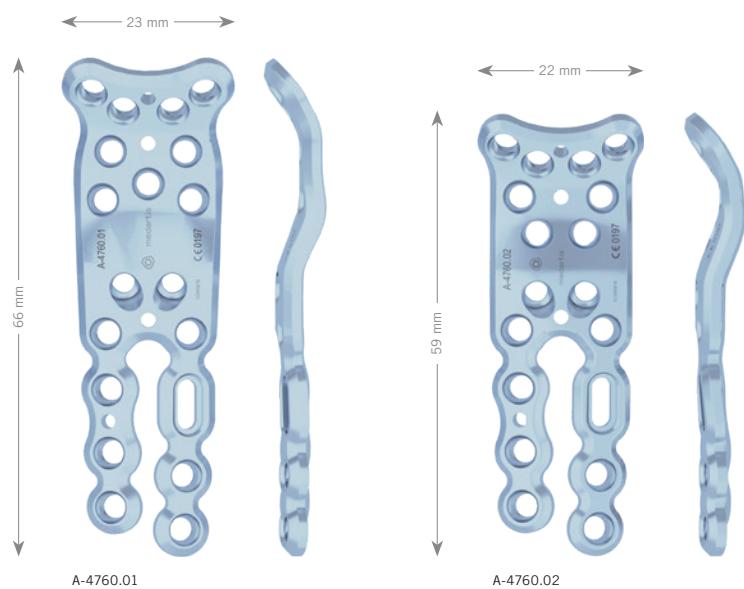


Art. No.	STERILE	Description	Holes	Pieces/Pkg
A-4760.13	A-4760.13S	left	10	1
A-4760.14	A-4760.14S	right	10	1

2.5 TriLock Wrist Fusion Plates, Dorsal

Material: Titanium (ASTM F67)

Plate thickness: 2.4 mm

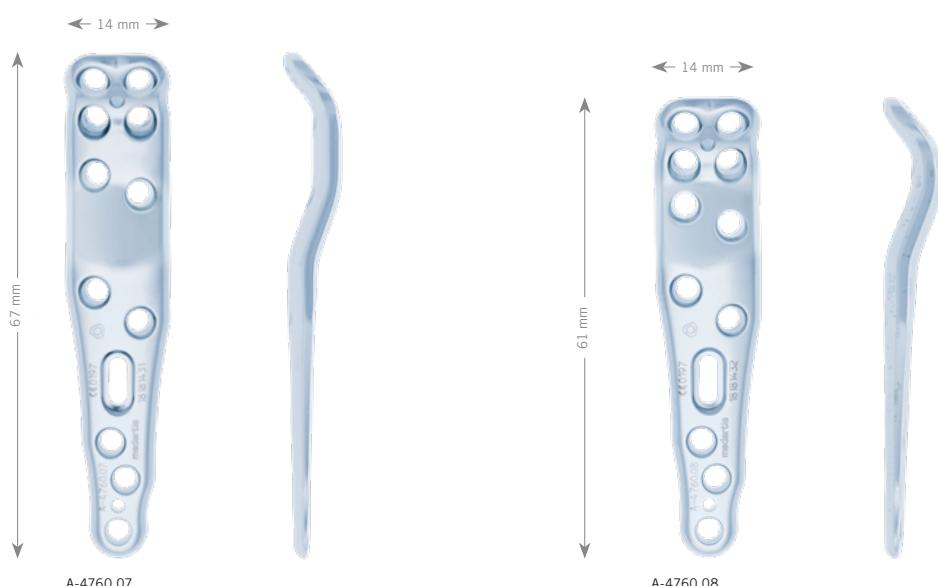


Art. No.	STERILE	Description	Holes	Pieces/Pkg
A-4760.01	A-4760.01S	long bend	19	1
A-4760.02	A-4760.02S	short bend	18	1

2.5 TriLock Wrist Fusion Plates, Dorsal, Radiocapitate

Material: Titanium (ASTM F67)

Plate thickness: 1.8–2.6 mm

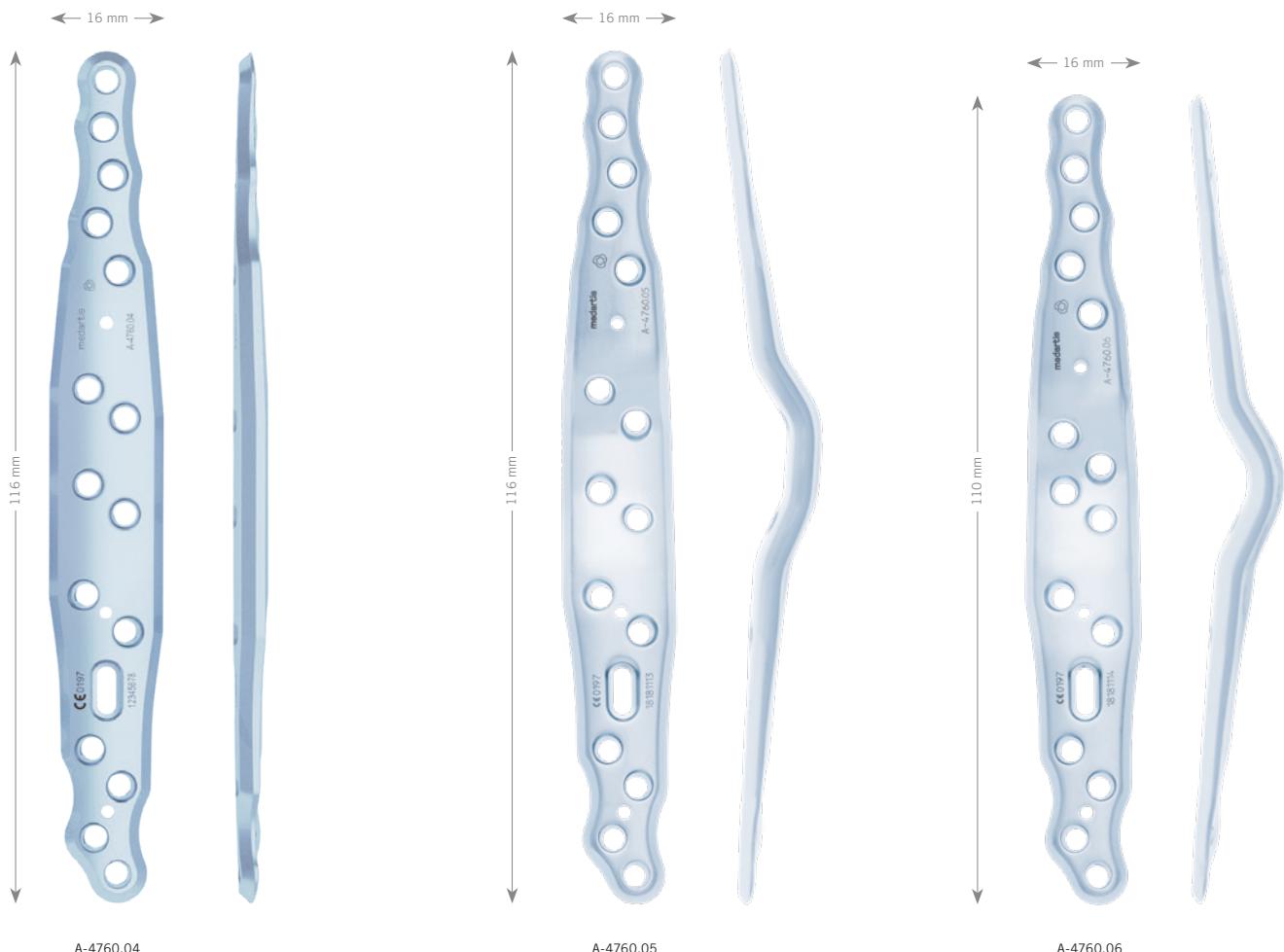


Art. No.	STERILE	Description	Holes	Pieces/Pkg
A-4760.07	A-4760.07S	long bend	12	1
A-4760.08	A-4760.08S	short bend	12	1

2.5 TriLock Total Wrist Fusion Plates, Dorsal

Material: Titanium (ASTM F67)

Plate thickness: 1.8–2.6 mm



A-4760.04

A-4760.05

A-4760.06

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

2.0 Cortical Screws, HexaDrive 6

Material: Titanium alloy (ASTM F136)

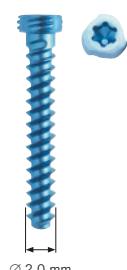


Ø 2.0 mm

Length	Art. No.	STERILE	Pieces/Pkg	Art. No.	Pieces/Pkg
6 mm	A-5400.06/1	A-5400.06/1S	1	A-5400.06	5
7 mm	A-5400.07/1	A-5400.07/1S	1	A-5400.07	5
8 mm	A-5400.08/1	A-5400.08/1S	1	A-5400.08	5
9 mm	A-5400.09/1	A-5400.09/1S	1	A-5400.09	5
10 mm	A-5400.10/1	A-5400.10/1S	1	A-5400.10	5
11 mm	A-5400.11/1	A-5400.11/1S	1	A-5400.11	5
12 mm	A-5400.12/1	A-5400.12/1S	1	A-5400.12	5
13 mm	A-5400.13/1	A-5400.13/1S	1	A-5400.13	5
14 mm	A-5400.14/1	A-5400.14/1S	1	A-5400.14	5
15 mm	A-5400.15/1	A-5400.15/1S	1	A-5400.15	5
16 mm	A-5400.16/1	A-5400.16/1S	1	A-5400.16	5
17 mm	A-5400.17/1	A-5400.17/1S	1	A-5400.17	5
18 mm	A-5400.18/1	A-5400.18/1S	1	A-5400.18	5
19 mm	A-5400.19/1	A-5400.19/1S	1	A-5400.19	5
20 mm	A-5400.20/1	A-5400.20/1S	1	A-5400.20	5

2.0 TriLock Screws, HexaDrive 6

Material: Titanium alloy (ASTM F136)

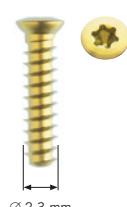


Ø 2.0 mm

Length	Art. No.	STERILE	Pieces/Pkg	Art. No.	Pieces/Pkg
6 mm	A-5450.06/1	A-5450.06/1S	1	A-5450.06	5
7 mm	A-5450.07/1	A-5450.07/1S	1	A-5450.07	5
8 mm	A-5450.08/1	A-5450.08/1S	1	A-5450.08	5
9 mm	A-5450.09/1	A-5450.09/1S	1	A-5450.09	5
10 mm	A-5450.10/1	A-5450.10/1S	1	A-5450.10	5
11 mm	A-5450.11/1	A-5450.11/1S	1	A-5450.11	5
12 mm	A-5450.12/1	A-5450.12/1S	1	A-5450.12	5
13 mm	A-5450.13/1	A-5450.13/1S	1	A-5450.13	5
14 mm	A-5450.14/1	A-5450.14/1S	1	A-5450.14	5
16 mm	A-5450.16/1	A-5450.16/1S	1	A-5450.16	5
18 mm	A-5450.18/1	A-5450.18/1S	1	A-5450.18	5
20 mm	A-5450.20/1	A-5450.20/1S	1	A-5450.20	5

2.3 Cortical Screws, HexaDrive 6

Material: Titanium alloy (ASTM F136)



Ø 2.3 mm

Length	Art. No.	STERILE	Pieces/Pkg	Art. No.	Pieces/Pkg
8 mm	A-5500.08/1	A-5500.08/1S	1	A-5500.08	5
10 mm	A-5500.10/1	A-5500.10/1S	1	A-5500.10	5
12 mm	A-5500.12/1	A-5500.12/1S	1	A-5500.12	5
14 mm	A-5500.14/1	A-5500.14/1S	1	A-5500.14	5
16 mm	A-5500.16/1	A-5500.16/1S	1	A-5500.16	5

2.5 Cortical Screws, HexaDrive 7

Material: Titanium alloy (ASTM F136)



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

2.5 TriLock Screws, HexaDrive 7

Material: Titanium alloy (ASTM F136)



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

Twist Drills Ø 1.6 mm



A-3410



A-3420



A-3430

Art. No.	STERILE	System Size	Stop	Length	Drill Shaft End	Pieces/Pkg
A-3410	A-3410S	2.0	25 mm	87 mm	Dental	1
A-3420	A-3420S	2.0	25 mm	87 mm	Stryker J-Latch	1
A-3430	A-3430S	2.0	25 mm	81 mm	AO Quick Coupling	1

Twist Drills Ø 2.0 mm



A-3713



A-3723



A-3733

Art. No.	STERILE	System Size	Stop	Length	Drill Shaft End	Pieces/Pkg
A-3713	A-3713S	2.5	40 mm	97 mm	Dental	1
A-3723	A-3723S	2.5	40 mm	97 mm	Stryker J-Latch	1
A-3733	A-3733S	2.5	40 mm	91 mm	AO Quick Coupling	1

2.0 / 2.3 Reamers



A-3630

for A-4660.10



A-3631

for A-4660.11



A-3635

for A-4660.15

Art. No.	STERILE	Ø	Description	Length	Shaft End	Pieces/Pkg
A-3630	A-3630S	17 mm	for Four Corner Fusion Plate (A-4660.10)	87 mm	AO Quick Coupling	1
A-3631	A-3631S	15 mm	for Four Corner Fusion Plate, small (A-4660.11)	80.5 mm	AO Quick Coupling	1
A-3635	A-3635S	13 mm	for STT Fusion Plate (A-4660.15)	80.5 mm	AO Quick Coupling	1

28 | Arthrodesis System 2.0/2.3, 2.5

K-Wires, Stainless Steel



A-5040.41

Art. No.	STERILE	\varnothing	Description	Length	Pieces/Pkg
A-5040.21		1.2 mm	trocar	150 mm	10
		A-5040.21/2S	trocar	150 mm	2
A-5040.41		1.6 mm	trocar	150 mm	10
		A-5040.41/2S	trocar	150 mm	2

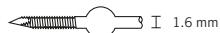
K-Wires, Stainless Steel



A-5042.41

Art. No.	STERILE	\varnothing	Description	Length	Pieces/Pkg
A-5042.21		1.2 mm	lancet	150 mm	10
		A-5042.21/2S	lancet	150 mm	2
A-5042.41		1.6 mm	lancet	150 mm	10
		A-5042.41/2S	lancet	150 mm	2

Olive K-Wires, Stainless Steel



1:1

Art. No.	STERILE	\varnothing	Length	Thread Length	Pieces/Pkg
A-5045.41/1		1.6 mm	60 mm	10 mm	1
		A-5045.41/2S	1.6 mm	10 mm	2
A-5045.41/4		1.6 mm	60 mm	10 mm	4

K-Wire Dispenser



Art. No.	System Size	Length	Pieces/Pkg
A-6010.16	1.6	185 mm	1

Drill Guides



A-2020



A-2722

Art. No.	System Size	Description	Length	Pieces/Pkg
A-2020	2.0/2.3	centric, eccentric	149 mm	1
A-2722	2.5	scaled	114 mm	1

Drill Sleeve



Art. No.	System Size	Description	Length	Pieces/Pkg
A-2726	2.5	self-holding, scaled	34 mm	1

Depth Gauges



A-2032



A-2730

Art. No.	System Size	Description	Length	Pieces/Pkg
A-2032	2.0/2.3		151 mm	1
A-2032.1	2.0/2.3	caliper (spare part)	149 mm	1
A-2730	2.5		151 mm	1
A-2730.1	2.5	caliper (spare part)	149 mm	1

Screwdrivers, Self-Holding



A-2610



A-2710



Art. No.	System Size	Interface	Length	Pieces/Pkg
A-2610	2.0/2.3	HD6	153 mm	1
A-2710	2.5	HD7	166 mm	1

30 | Arthrodesis System 2.0/2.3, 2.5

Handle with Quick Connector



Art. No.	Description	For Shaft End	Length	Pieces/Pkg
A-2073	with twist cap	AO Quick Coupling	124 mm	1

Screwdriver Blade, Self-Holding



Art. No.	System Size	Interface	Shaft End	Length	Pieces/Pkg
A-2013	2.5/2.8	HD7	AO Quick Coupling	75 mm	1

Plate and Screw Holding Forceps



Art. No.	Description	Length	Pieces/Pkg
A-2060	angled	148 mm	1

Plate Bending Pliers



Art. No.	System Size	Description	Length	Pieces/Pkg
A-2047	2.0–2.8	with pins	158 mm	1

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