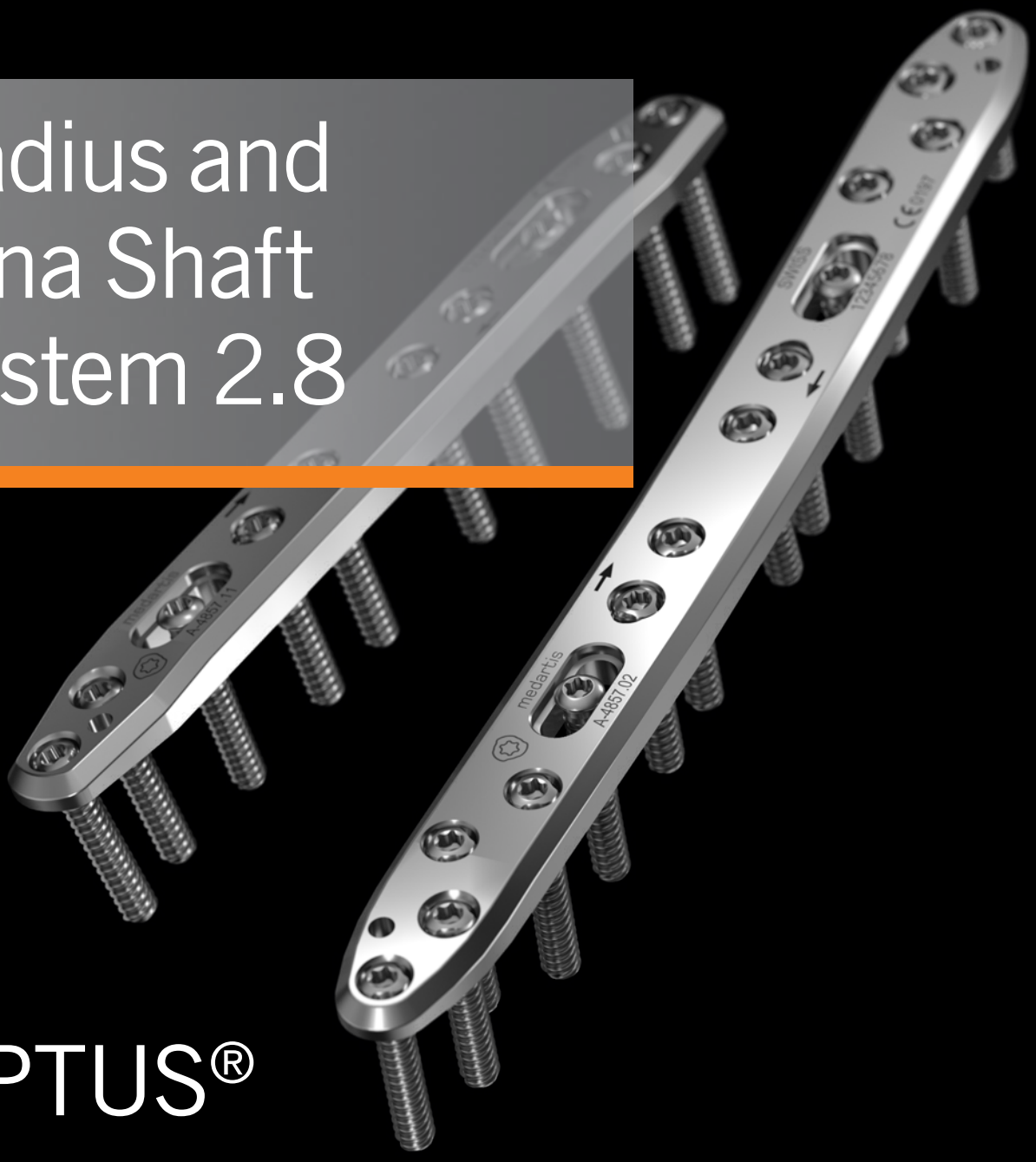
medartis®

PRECISION IN FIXATION

PRODUCT INFORMATION

Radius and Ulna Shaft System 2.8



APTUS® Forearm

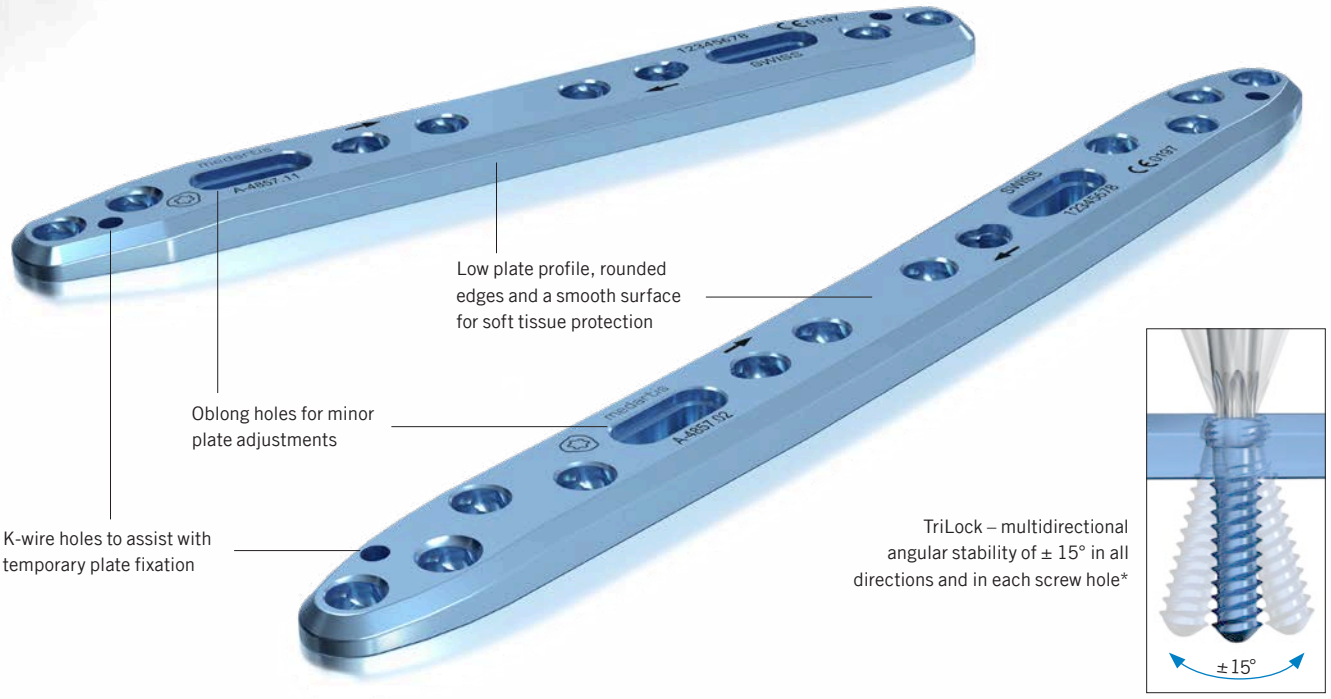
Radius and Ulna Shaft System 2.8

A standard taken to the next level

Clinical Benefits

- Precontoured and straight plate designs to facilitate anatomical reduction of shaft fractures
- Numerous plate lengths to address different fracture patterns
- Offset screw arrangement to address small fragments more easily and to provide additional stability
- Tapered plate ends may help reduce peak stresses on the bone
- Consistent screw diameter of 2.8 mm for intraoperative simplicity

TriLock^{PLUS} screw holes offer the advantage of locking and compression in one step



Low plate profile, rounded edges and a smooth surface for soft tissue protection

Oblong holes for minor plate adjustments

K-wire holes to assist with temporary plate fixation

TriLock – multidirectional angular stability of ± 15° in all directions and in each screw hole*

*Exception: oblong holes

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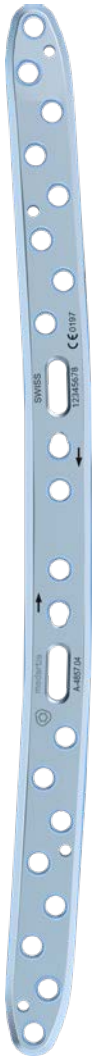
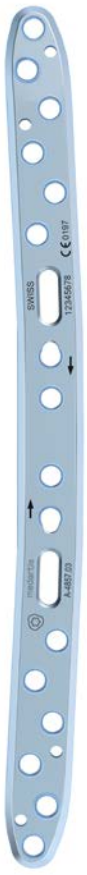
System Overview

The implant plates of the APTUS Forearm Radius and Ulna Shaft System 2.8 are available in the following designs:

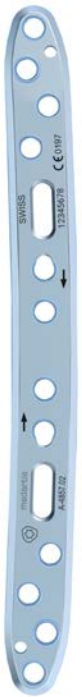
2.8 TriLock Radius Shaft Plates



A-4857.04
2.8 TriLock
Radius Shaft Plate
22 Holes



A-4857.03
2.8 TriLock
Radius Shaft Plate
18 Holes



A-4857.02
2.8 TriLock
Radius Shaft Plate
14 Holes

A-4857.01
2.8 TriLock
Radius Shaft Plate
10 Holes

2.8 TriLock Ulna Shaft Plates

A-4857.11
2.8 TriLock
Ulna Shaft Plate
10 Holes

A-4857.12
2.8 TriLock
Ulna Shaft Plate
14 Holes

A-4857.13
2.8 TriLock
Ulna Shaft Plate
18 Holes

A-4857.14
2.8 TriLock
Ulna Shaft Plate
22 Holes

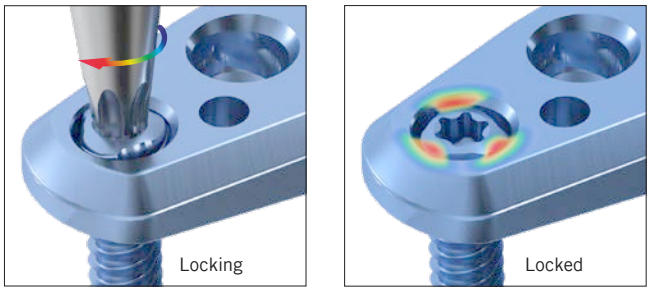
Technology, Biomechanics, Screw Features

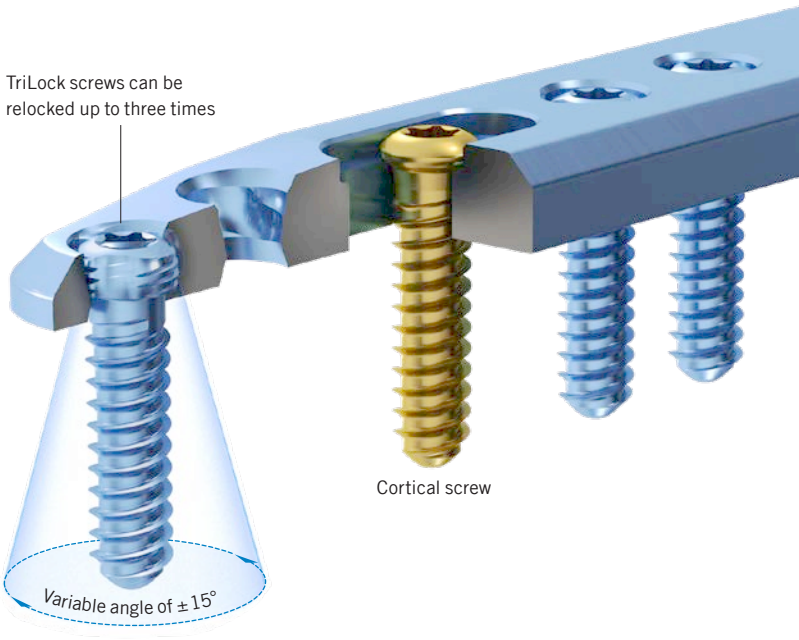
Multidirectional and angular stable TriLock® locking technology

TriLock Technology

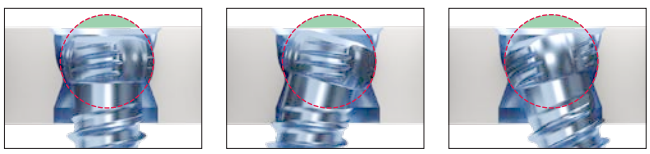
- Patented TriLock locking technology – multidirectional locking of the screw in the plate
  - Spherical three-point wedge-locking
  - Friction locking through radial bracing of the screw head in the plate without additional tensioning components
- Screws can pivot freely by ± 15° in all directions for optimal positioning
- Fine-tuning capabilities of fracture fragments
- TriLock screws can be relocked 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

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



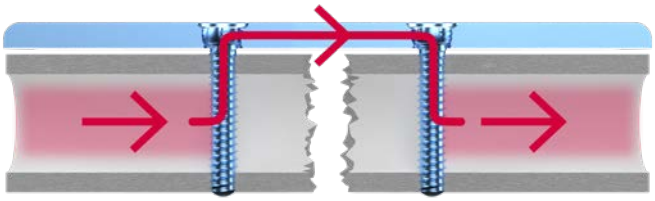


Completely countersunk screws



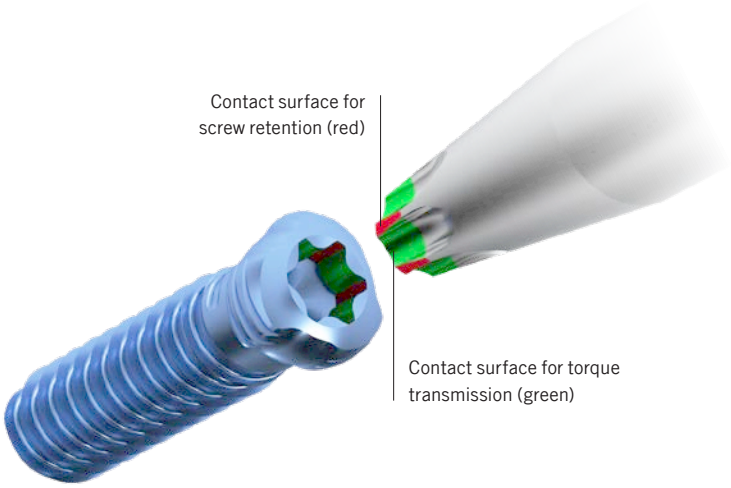
Biomechanics

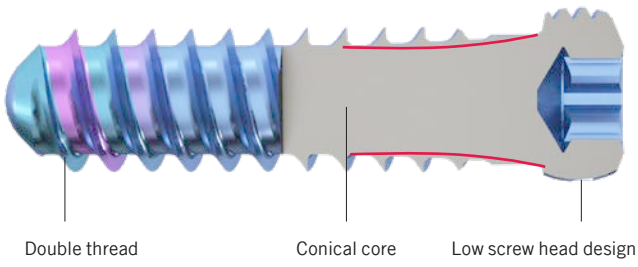
- Internal fixator principle
  - Stable plate-screw construct allows for the bridging of unstable zones



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
- Atraumatic screw tip offers soft tissue protection when inserting screws bicortically
- Soft tissue protection due to smooth screw head design
- Double-threaded screws reduce screw insertion time
- Increased torsional, bending and shear stability due to conical core
- Precision-cut thread profile for sharpness and self-tapping properties





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