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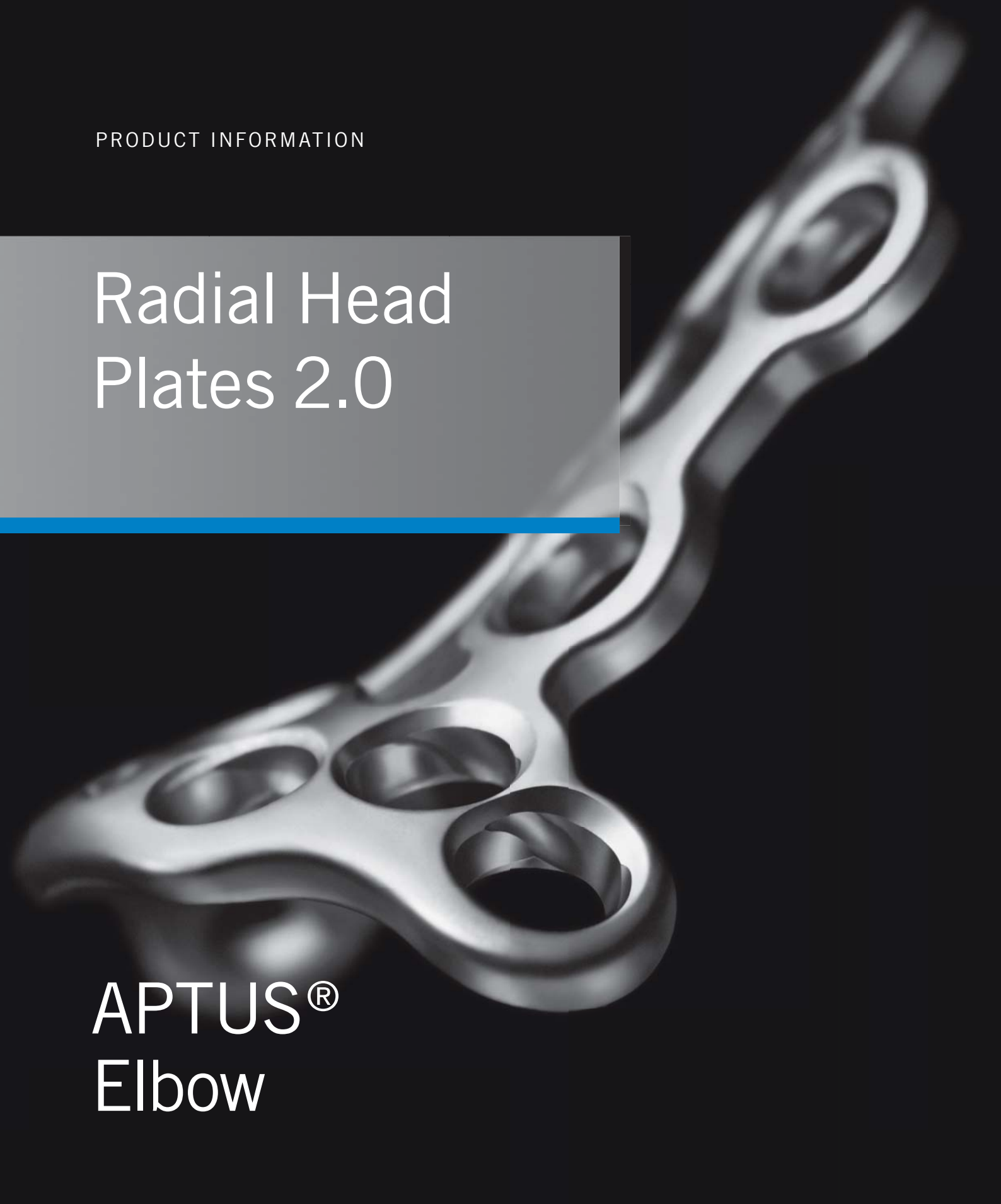
medartis®

PRECISION IN FIXATION

PRODUCT INFORMATION

Radial Head Plates 2.0

APTUS®
Elbow

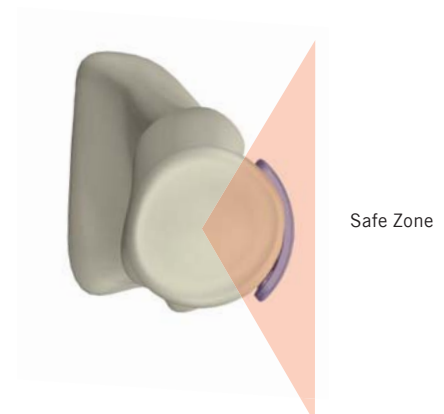
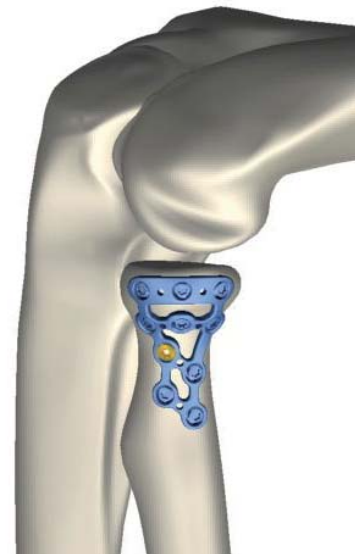


Radial Head Plates 2.0

Safe and stable internal fixation of complex radial head fractures with anatomic angular stable plates

Plate Features

- Minimal plate thickness
- Chamfered plate contour to minimize soft tissue irritation
- Anatomic plate design
- TriLock – multidirectional ($\pm 15^\circ$) and angular stable screw locking is possible in each plate hole
- All plate holes can be utilized with either locking or non-locking screws
- Consistent screw size (\varnothing 2.0 mm)
- Titanium Grade 4 for optimal stability
- Holes for supplemental 1.2 mm K-wire fixation



Clinical Benefits

Anatomic design to minimize soft tissue irritation and ensure stable fixation

- Anatomically optimized plate designs
- Fixation of multiple fragments
- Low plate profile minimizes soft tissue irritation, particularly in the case of the annular ligament



Radial Head Rim Plate
For the stabilization of complex comminuted fractures

Multiple locking options

- Multidirectional and angular stable TriLock technology provides a variable cone of $\pm 15^\circ$ for optimal fixation of all fragments
- Angular stability of screw fixation minimizes risk of post-operative loss of reduction
- Screw configuration can be adapted to the fracture pattern due to numerous plate holes



Radial Head Buttress Plate
For an optimal sparing of the annular ligament

Clinical Cases

Case 1



Radial Head Rim Plate for a Mason Typ III / IV head fracture

Case 2



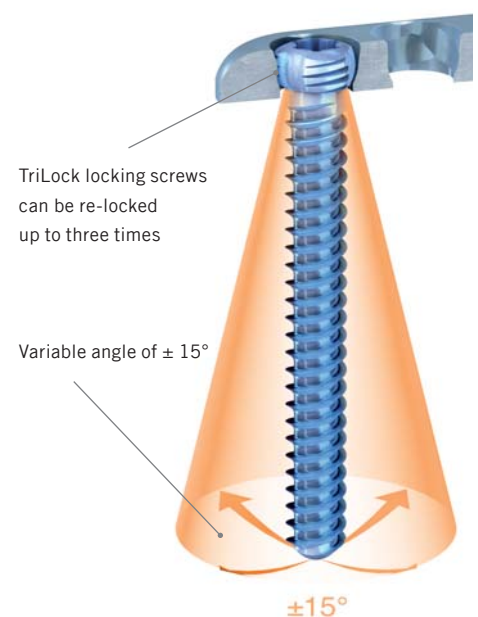
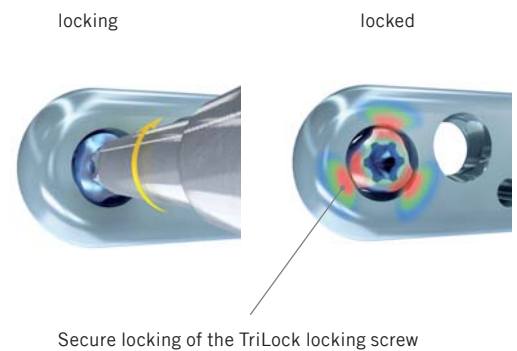
Radial Head Buttress Plate for a Mason Type III neck fracture

Technology, Biomechanics, Screw Features

Multidirectional and angular stable
TriLock locking technology

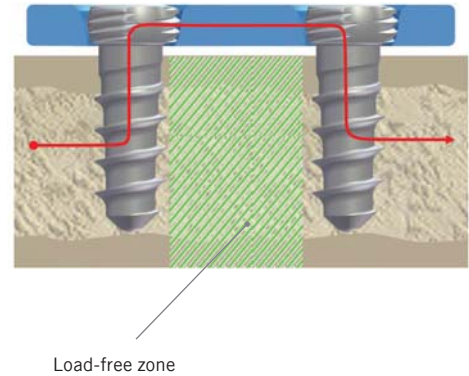
Technology

- Variable angle of $\pm 15^\circ$
- Spherical 3-point wedge-locking for a secure connection between the screw and the plate
- Force and friction locking mechanism through radial bracing of the screw head in the plate
- No cold welding between plate and screws
- TriLock locking screws can be re-locked in the same plate hole under individual angles up to three times
- Minimal screw head protrusion



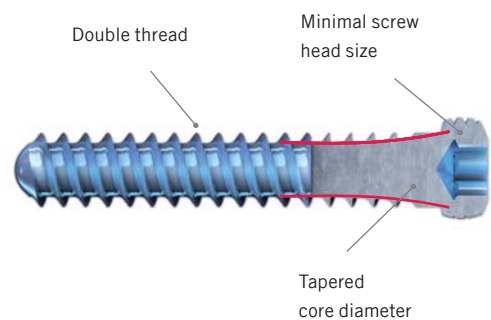
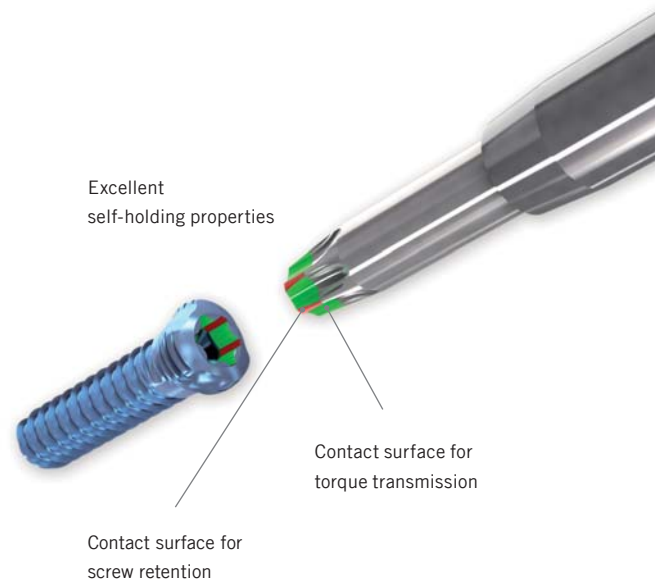
Biomechanics

- Internal fixator principle
 - Stable plate – screw construct allows bridging of unstable zones
 - Improved vascularization of the periosteum due to low contact of the plate
 - Sufficient stability even in the case of partial monocortical screw connection



Screw Features

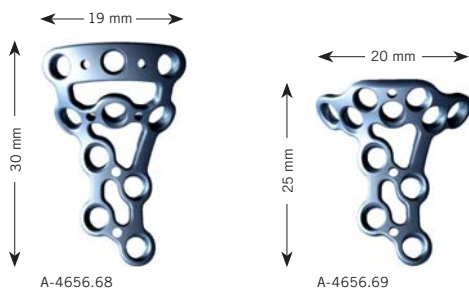
- HexaDrive screw head design for increased torque transmission and improved self-retaining mechanism
- Tapered core diameter for increased torsional stability and overall strength
- Double threaded for faster insertion of locking screws and increased fixation
- Blunt, atraumatic tip prevents soft tissue irritation
- Precision cut thread profile for improved sharpness and self-tapping properties
- No cutting flutes necessary – easy screw removal



Ordering Information

2.0 Radial Head Plates

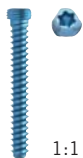
Material: Titanium (ASTM F67)
 Plate thickness: 1.4 mm



Art. No.	Description	Pieces per Pack	Stickers
A-4656.68	Radial Head Rim Plate	1	A-6095.68
A-4656.69	Radial Head Buttress Plate	1	A-6095.69

Locking Screws, HexaDrive 6, Ø 2.0 mm

Material: Titanium (ASTM F136)



Art. No.	Length	Pieces per Pack	Stickers
A-5450.06	6 mm	5	A-6095.06
A-5450.08	8 mm	5	A-6095.08
A-5450.10	10 mm	5	A-6095.10
A-5450.12	12 mm	5	A-6095.12
A-5450.14	14 mm	5	A-6095.14
A-5450.16	16 mm	5	A-6095.16
A-5450.18	18 mm	5	A-6095.18
A-5450.20	20 mm	5	A-6095.20
A-5450.22	22 mm	5	A-6095.22
A-5450.24	24 mm	5	A-6095.24
A-5450.26	26 mm	5	A-6095.26
A-5450.28	28 mm	5	A-6095.28
A-5450.30	30 mm	5	A-6095.30

For a package of 1 please add "/1" at the end of the art. no., for example A-5450.10/1

Cortical Screws, HexaDrive 6, Ø 2.0 mm

Material: Titanium (ASTM F136)



Art. No.	Length	Pieces per Pack	Stickers
A-5400.06	6 mm	5	A-6095.06
A-5400.08	8 mm	5	A-6095.08
A-5400.10	10 mm	5	A-6095.10
A-5400.12	12 mm	5	A-6095.12
A-5400.14	14 mm	5	A-6095.14
A-5400.16	16 mm	5	A-6095.16
A-5400.18	18 mm	5	A-6095.18
A-5400.20	20 mm	5	A-6095.20
A-5400.22	22 mm	5	A-6095.22
A-5400.24	24 mm	5	A-6095.24
A-5400.26	26 mm	5	A-6095.26
A-5400.28	28 mm	5	A-6095.28
A-5400.30	30 mm	5	A-6095.30

For a package of 1 please add "/1" at the end of the art. no., for example A-5400.10/1

Cortical Screws, HexaDrive 6, Ø 2.3 mm

Material: Titanium (ASTM F136)



Art. No.	Length	Pieces per Pack	Stickers
A-5500.08	8 mm	5	A-6095.08
A-5500.10	10 mm	5	A-6095.10
A-5500.12	12 mm	5	A-6095.12
A-5500.14	14 mm	5	A-6095.14
A-5500.16	16 mm	5	A-6095.16

For a package of 1 please add "/1" at the end of the art. no., for example A-5500.10/1

Twist Drills for Screws Ø 2.0 mm



A-3414



A-3411



A-3424



A-3421



A-3434



A-3431

Art. No.	Ø Twist Drill	Stop	Length	Drill Shaft End	Pieces per Pack
A-3414	1.6	30 mm	92 mm	Dental	1
A-3424	1.6	30 mm	92 mm	Stryker J-Latch	1
A-3434	1.6	30 mm	86 mm	AO	1
A-3411	2.1	10 mm	72 mm	Dental	1
A-3421	2.1	10 mm	72 mm	Stryker J-Latch	1
A-3431	2.1	10 mm	66 mm	AO	1

Countersink for Fixation Screws Ø 2.0/2.3 mm



Art. No.	Length	Drill Shaft End	Pieces per Pack
A-3610	45 mm	Dental	1

K-Wires, 150 mm

Material: Stainless Steel



Art. No.	Description	Pieces per Pack
A-5042.21	Ø 1.2 mm, Lancet	10
A-5040.21	Ø 1.2 mm, Trocar	10

K-Wire Dispenser, 185 mm

Material: Stainless Steel



Art. No.	Description	Pieces per Pack
A-6010.12	Ø 1.2 mm	1

2.0 – 2.3 Screwdriver, HexaDrive 6

Art. No. A-2610



Handle with Quick Connector, Dental

Art. No. A-2071



2.0 – 2.3 Depth Gauge

Art. No. A-2032



1.2 – 2.3 Drill Guide

Art. No. A-2020



Plate Bending Forceps with Vario Pin

Art. No. A-2040



Instrument Tray with Silicone Inlay

Art. No. A-6020



Instrument Tray

Art. No. A-6025



Lid for Instrument Tray A-6020

Art. No. M-6198



Storage in Perfection

- Modular concept
- Economic and compact system
- Easy to handle
- Streamlined organization of implants and instruments



APTUS Radial Head Plates 2.0
Implant Container (incl. Stickers, empty)

Art. No. A-0450.01



APTUS Radial Head Plates 2.0
Implant Module (excl. Stickers, empty)

Art. No. A-6276



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