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PRECISION IN FIXATION

PRODUCT INFORMATION

# Fore- and Midfoot System 2.0/2.3, 2.8

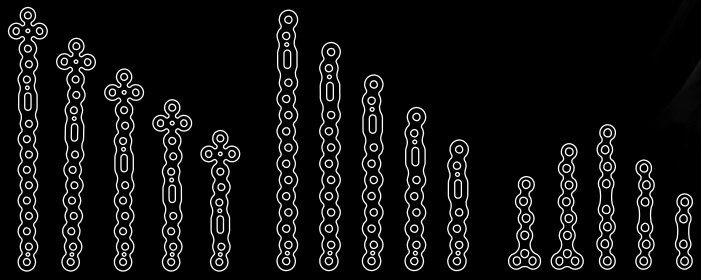
**APTUS** Foot

# Fore- and Midfoot System 2.0/2.3, 2.8

The Fore- and Midfoot System 2.0/2.3, 2.8 is characterized by versatility and flexibility to provide a wide range of fixation options for fractures, osteotomies and arthrodeses of the tarsals, metatarsals and phalanges. The system offers a multitude of low profile plates with straight and anatomical design. All plates feature the multidirectional and angular stable TriLock locking technology.

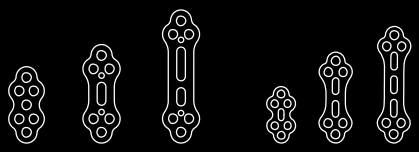
## 2.0/2.3, 2.8 TriLock Straight and T Plates
## 2.8 TriLock T Extended Plates

– Various plate thicknesses of 1.3 and 1.6 mm for soft tissue protection
– Offset screw holes to prevent screw collision
– Increased subchondral stability in various plates achieved by a double row of screws in the plate end area



## 2.0/2.3, 2.8 TriLock Grid Plates

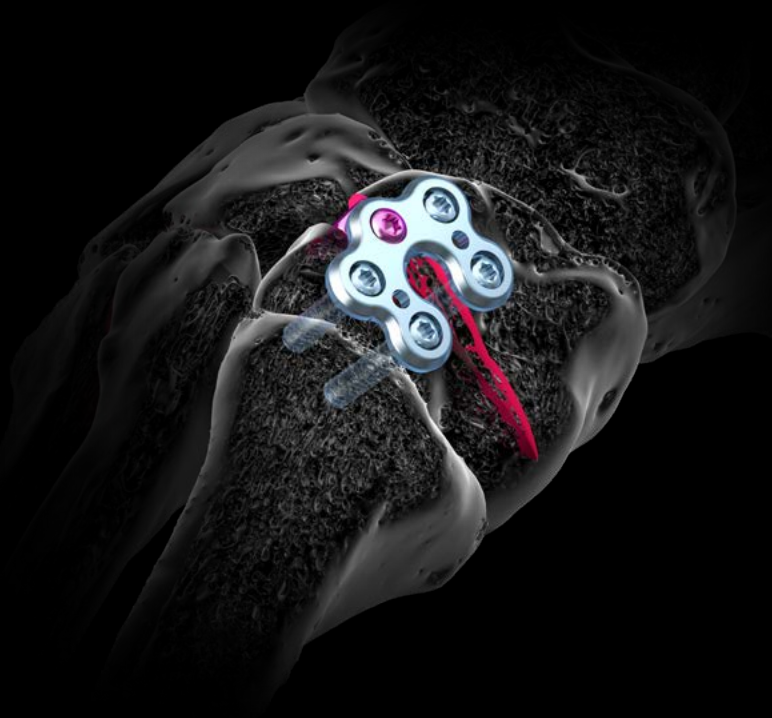
– Various plate thicknesses of 1.3 and 1.6 mm for soft tissue protection
– Plate design allows for many applications and plate positions
– Increased subchondral stability achieved by a double row of screws in the plate end area
– Plates can be contoured to the individual anatomy



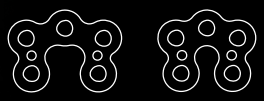
## 2.8 TriLock L Plates

– Plate thickness of 1.6 mm for soft tissue protection
– Offset screw holes to prevent screw collision
– Anatomical plate design
– Screw placement in the plate end area allows multiple screws in small bone fragments

# 2.8 TriLock C Plates



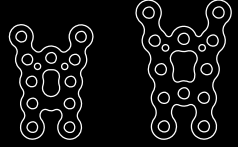
- Anatomical design and low plate profile
- Centric hole to fix a wedge or a bone graft
- Can be used with any wedge of the modular wedge system 2.8/3.5
- Ease of use due to uniform instrumentation for plate and wedge




Large and small wedge sizes from 4 – 12 mm
All wedges are compatible with the APTUS Foot plating systems 2.8/3.5

# 2.8 TriLock Wing Plates

- Well suited for high loads due to superior fatigue resistance [4]
- K-wire holes for 1.6 mm K-wires to assist with temporary plate fixation and verification of implant position
- Plates may be cut and bent for a wide range of applications
- Low plate profile with minimal screw head protrusion, rounded edges and a smooth surface for soft tissue protection

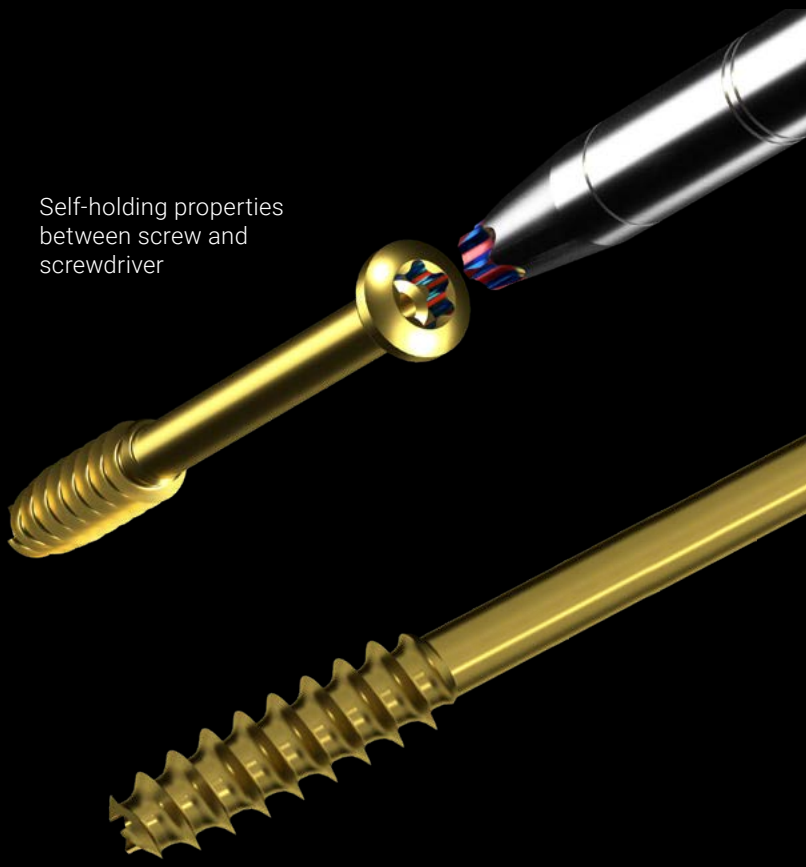


[4] A. Spiegel, PhD, B. Langer, Medartis AG, Switzerland; S. Fabbri, Prof. M. de Wild, FHNW, Switzerland: Fatigue Testing of the Medartis APTUS Wing Plate (on file; Medartis AG, Switzerland)

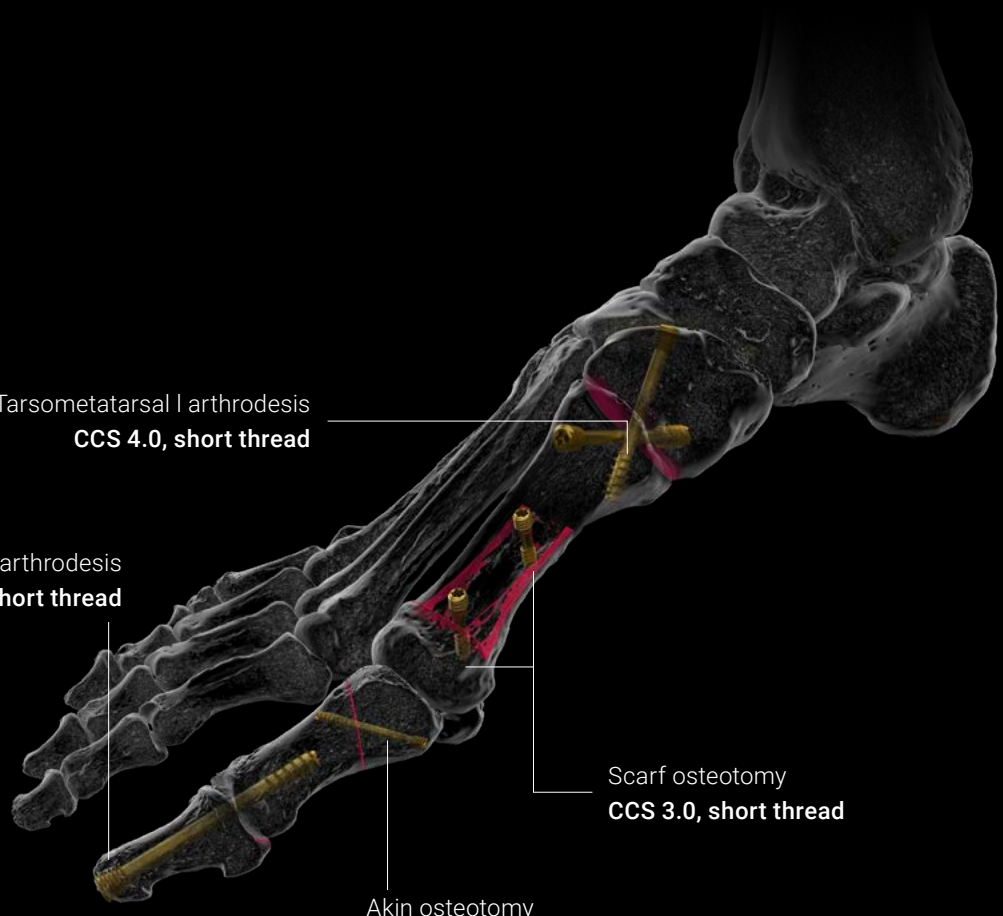
# CCS and headedCCS

HexaDrive screw head design
- Simplified screw pick-up due to the self-holding technology
- Increased torque transmission

Self-holding properties between screw and screwdriver



SpeedTip thread design
- Functionally unique cutting with immediate bite [1]
- Immediate cutting of the bone with only slight axial pressure
- The triangular tip design permits simultaneous drilling, tapping and compression of the bone tissue during insertion for increased pull-out stability [2, 3]
- Reduced insertion torque thanks to the polygonal tip and tapered shaft



Tarsometatarsal I arthrodesis
**CCS 4.0, short thread**

Interphalangeal joint arthrodesis
**CCS 5.0, short thread**

Scarf osteotomy
**CCS 3.0, short thread**

Akin osteotomy
**CCS 2.2, short thread**

[1] Spiegel, A.; Pochlatko, N.; Zeuner, H.; Lang, A.: Biomechanical Tests of Different Cannulated Compression Screws (on file; Medartis AG, Switzerland)

[2] Heidemann, W.; Terheyden, H.; Gerlach, K. L.: Analysis of the osseous / metal interface of drill free screws and self-tapping screws (Journal of Cranio-Maxillofacial Surgery, 2001, 29, 69 – 74)

[3] Heidemann, W.; Terheyden, H.; Gerlach, K. L.: In-vivo-Untersuchungen zum Schrauben-Knochen-Kontakt von Drill-Free- Schrauben und herkömmlichen selbstschneidenden Schrauben (Mund Kiefer GesichtsChir 5 2001: 17 – 21)

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