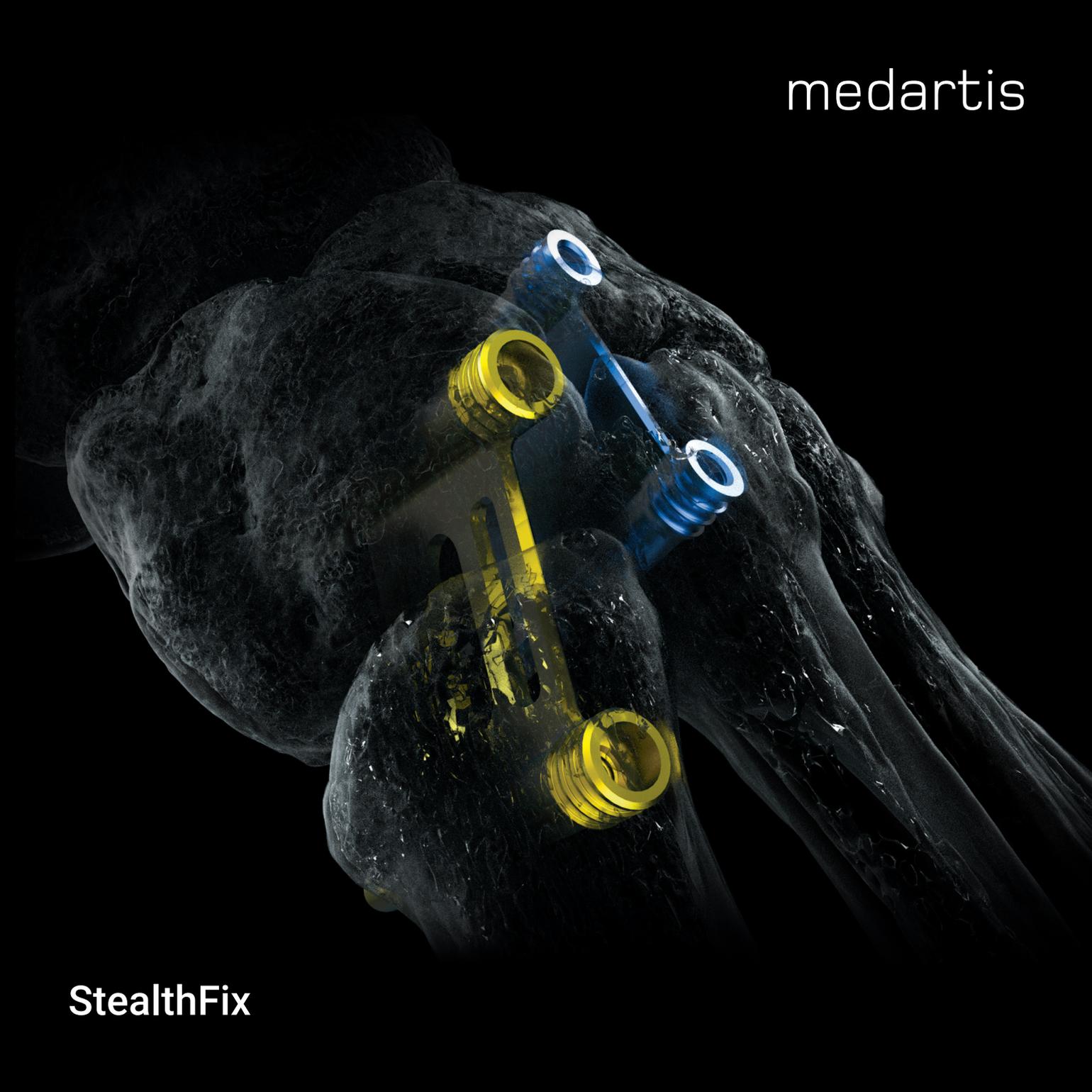


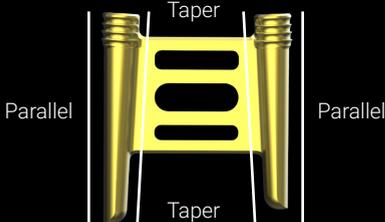
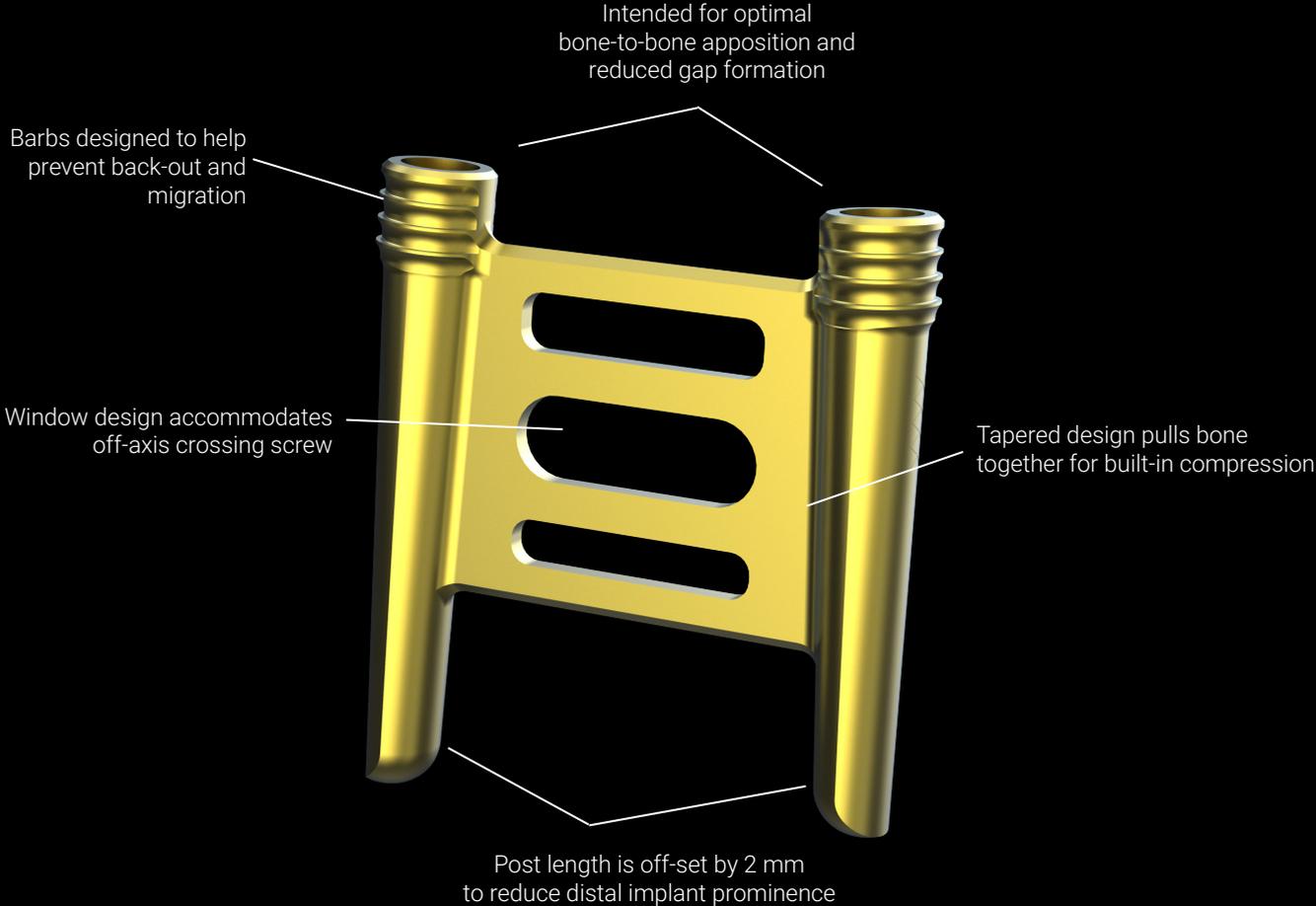
medartis

StealthFix



## Because **Fit** and **Fixation** Matter.

The StealthFix implant was designed to provide strength similar to a plate and screws with the speed and profile of a staple. As a fully intraosseous implant, StealthFix sits flush with the bone, while its tapered design provides built-in compression. Because, after all, Fit and Fixation Matter...

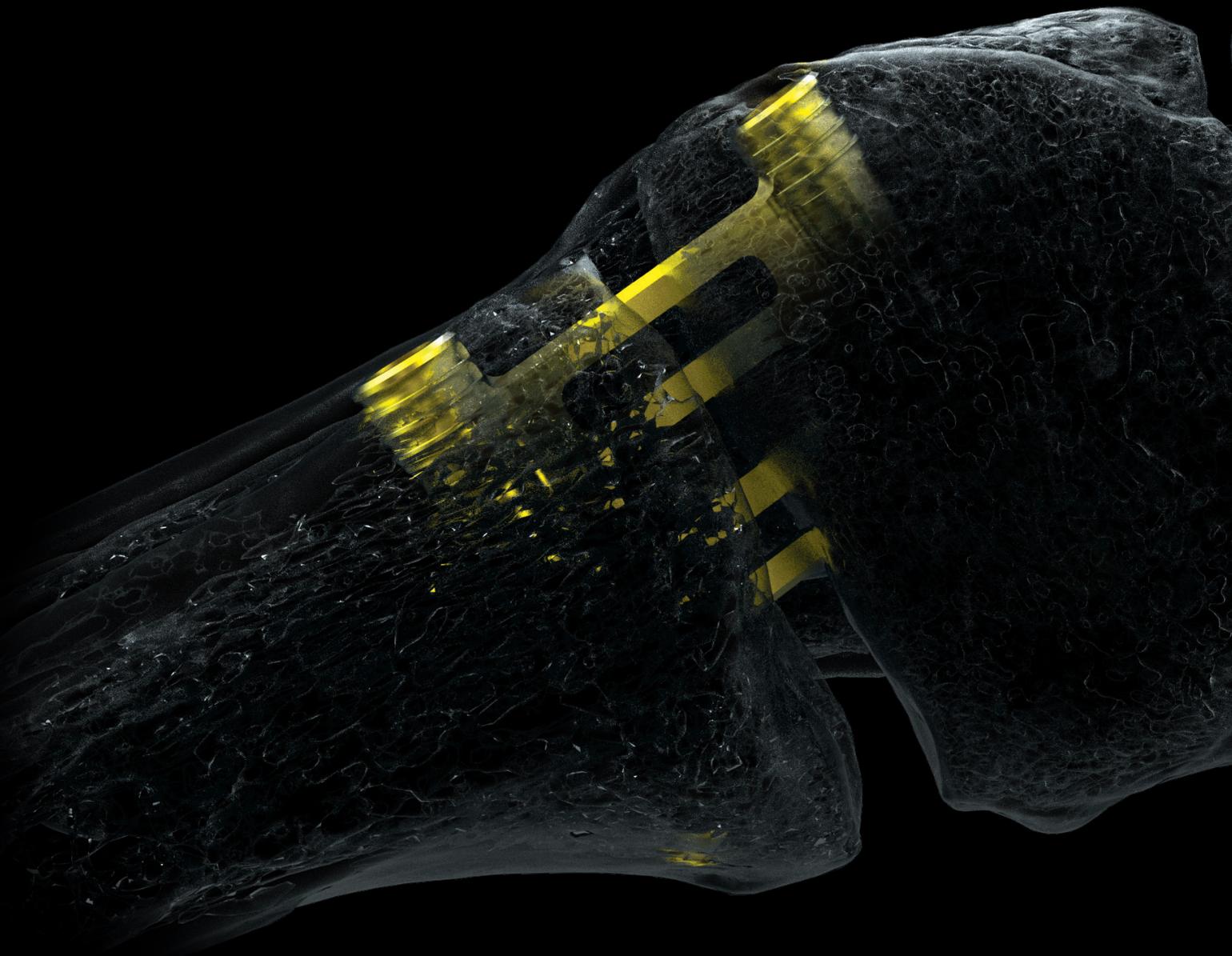


## Fit Matters: Zero-Profile Fixation

Traditional plate and screw constructs have removal rates as high as 15% due to complications including pain and soft tissue irritation.<sup>1,2</sup> StealthFix's zero-profile design meets the unique fixation requirements of the correction without sacrificing soft tissue integrity.

This zero-profile implant provides:

- A fully intraosseous implant that sits flush with the bone— no hardware prominence
- Reduced risk of hardware related symptoms and/or implant removal
- Universal fit, eliminating variability related to topography of the bony anatomy



## Fit Matters: Reduce Anatomical Limitations

Another important element integrated into the StealthFix design is its ability to fit anywhere in the foot.

Specific bone anatomy affects the choice of plate geometry, sizing and the way it sits on the bone. Providers must take all factors into account and become adept with numerous indication-specific plating systems to meet the anatomic requirements of the patient.

StealthFix provides universal fit regardless of patient anatomy with multiple applications in the fore and midfoot. Because it sits inside the bone, the topography of the bone doesn't affect the sizing or fit of the implant, reducing the need to manipulate the device to ensure adequate fixation.



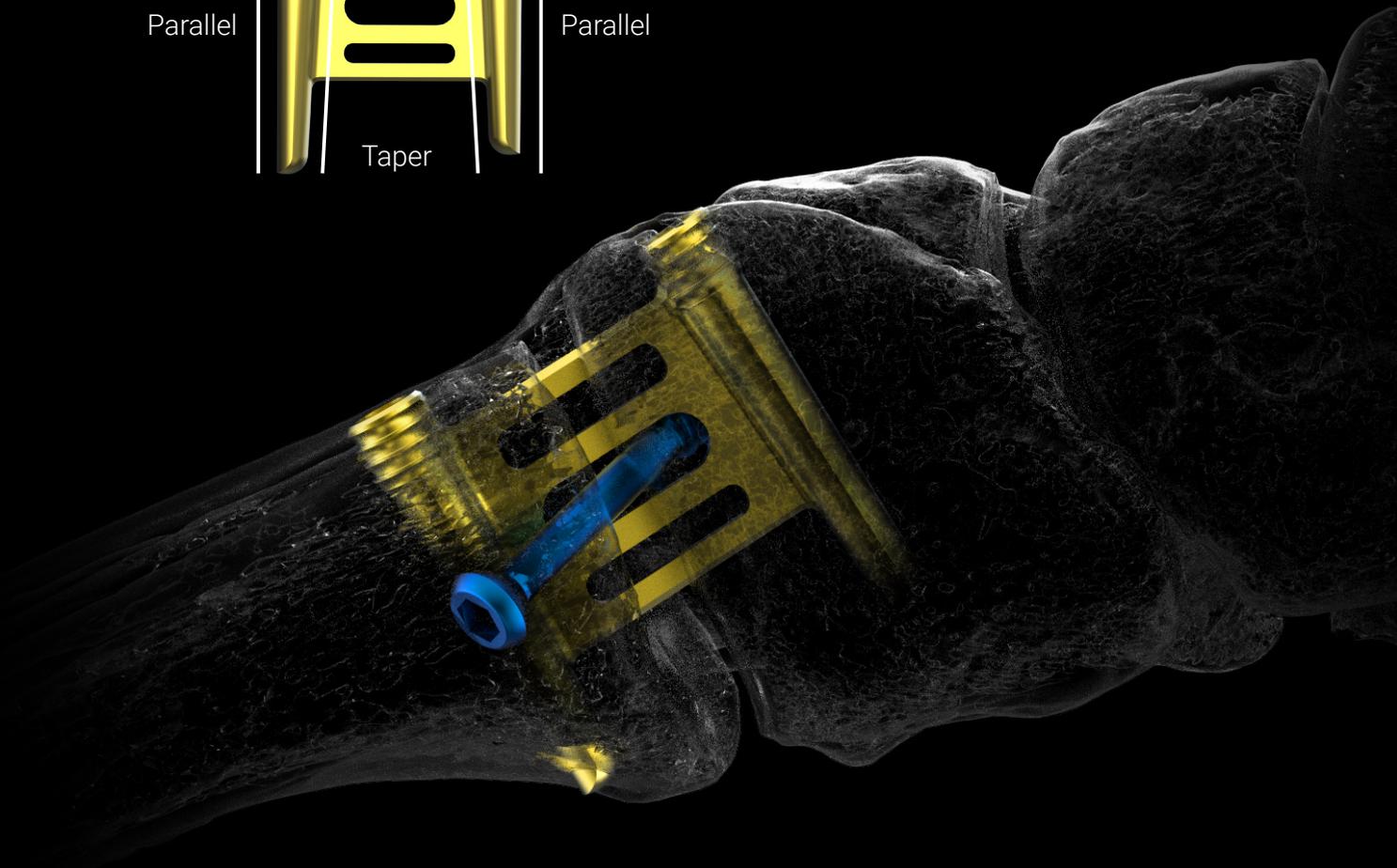
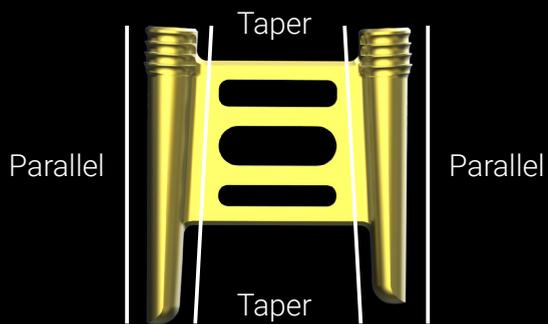
## **Fixation** Matters: Exceptional Fixation and Compression

An implant's success rests on its fixation capabilities.

StealthFix's innovative design delivers exceptional fixation and uniform compression between the posts. The construct helps provide strong bone-to-bone apposition while reducing the likelihood of gap formation.<sup>3</sup>

The rigid I-beam construct was designed to provide stable, built-in compression while reducing micromotion and torsion. Unlike traditional staples or plate and screw constructs, the implant's tapered posts work to slightly pull the bones together, providing innate strength and compression.

In addition, the StealthFix design accommodates a crossing screw for auxiliary off-axis fixation, allowing the surgeon to provide an additional layer of fixation as desired.



## Where we **win**

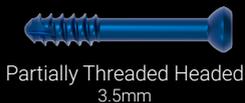
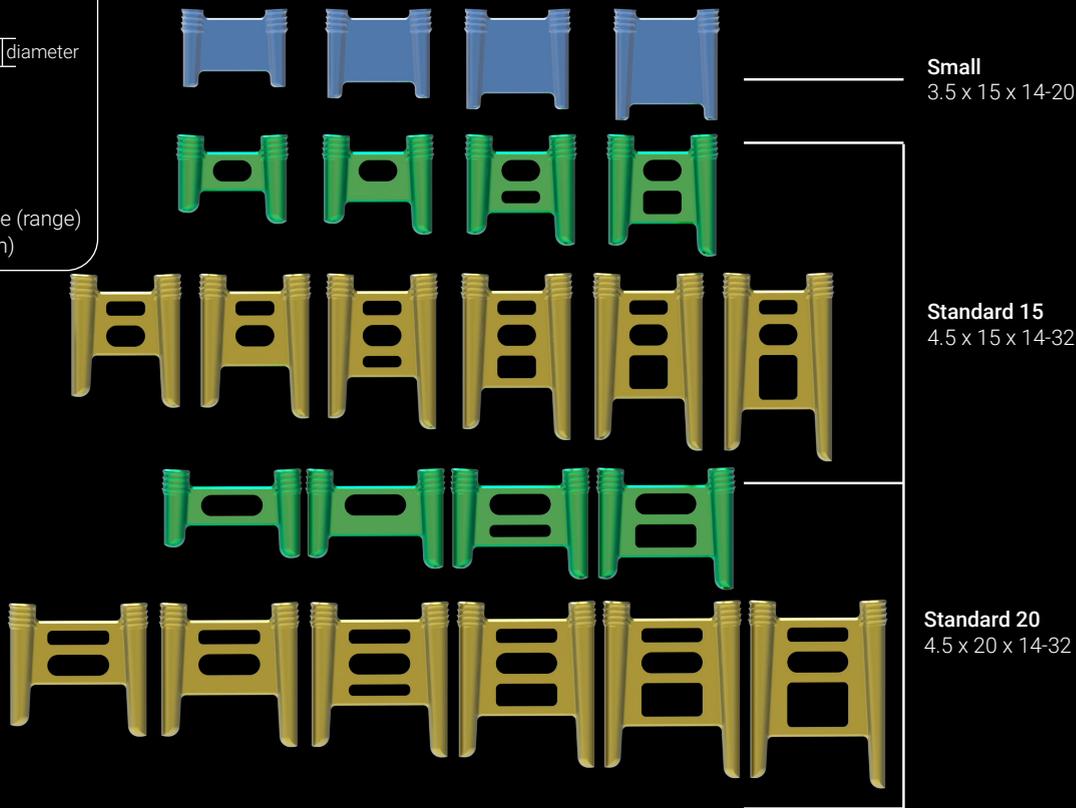
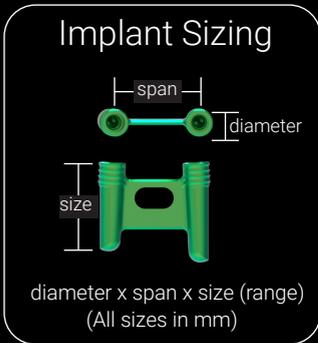
### StealthFix vs. Traditional Plate and Screws

<b>StealthFix</b>	<b>Plate</b>
Fully intraosseous	Unavoidable hardware prominence
Greater strength than a straight 4-hole plate <sup>3</sup>	Strength can vary
One graphic case covers many indications throughout the fore and midfoot	Can have limited indications that may require multiple graphic cases
Zero profile engineered to promote soft tissue integrity	Prominent hardware profile may cause soft tissue irritation, increased revision/removal <sup>1,2</sup>
Strong bone-to-bone apposition and reduced gap formation <sup>3</sup>	Weaker bone-to-bone apposition and increased gap formation (compared to plate tested <sup>3</sup> )

### StealthFix vs. Traditional Staple Systems

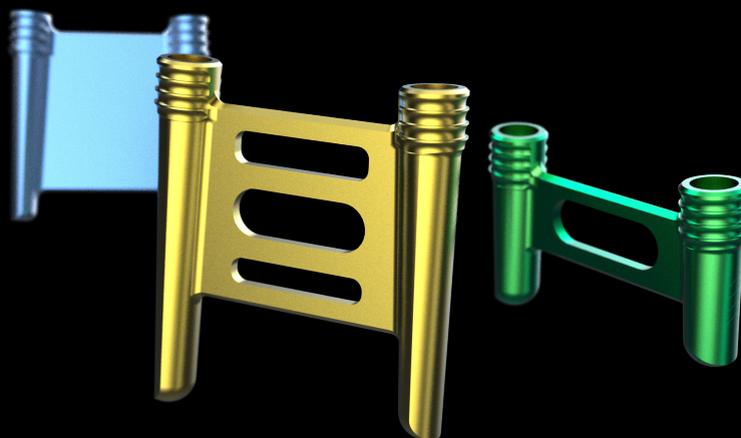
<b>StealthFix</b>	<b>Staple</b>
Fully intraosseous	Final profiles vary; affected by inserters, tamping, etc.
Taper I-beam design provides built-in compression <sup>3</sup>	Compression of common designs rely on spring forces
Guided crossing screw with targeting arm	Free-hand, unguided crossing screw(s)
Strong I-beam design	C-shape design
Post length offset by 2 mm	No offset or offered as auxiliary option in some systems
I-beam structure designed to reduce chance of implant post flexing from rotational forces	Possible implant post flexing from rotational forces

# Get more from your implant...use **StealthFix**





www.stealthfix.com



**REFERENCES:** 1. Peterson, K. S., McAlister, J. E., Hyer, C. F., & Thompson, J. (2016). Symptomatic hardware removal after first tarsometatarsal arthrodesis. *The Journal of Foot and Ankle Surgery*, 55(1), 55–59. <https://doi.org/10.1053/j.jfas.2015.06.001>

2. Cottom, J. M., & Vora, A. M. (2013). Fixation of Lapidus Arthrodesis with a plantar interfragmentary screw and medial locking plate: A report of 88 cases. *J Foot and Ankle Surg.* 52(4), 465–469. <https://doi.org/10.1053/j.jfas.2013.02.013>

### 3. Testing documentation:

- Surgical Frontiers FEA Compression Analysis – Data on File at Medartis Inc.
- Test Report Staple Pullout Strength – Data on File at Medartis Inc.
- Test Report Four Point Bending Static & Fatigue Strength – Data on File at Medartis Inc.
- StealthFix Static Strength Memo – Data on File at Medartis Inc

**Disclaimer:** This information is intended to demonstrate the Medartis portfolio of medical devices. A surgeon must always rely on her or his own professional clinical judgement when deciding whether to use a particular product when treating a particular patient. Medartis is not giving any medical advice. The devices may not be available in all countries due to registration and/or medical practices. For further questions, please contact your Medartis representative.

For US only: Federal law restricts this device to sale by or on the order of a physician.

StealthFix is a trademark of Medartis AG.

The StealthFix System is manufactured using Ti-6Al-4V ELI.

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