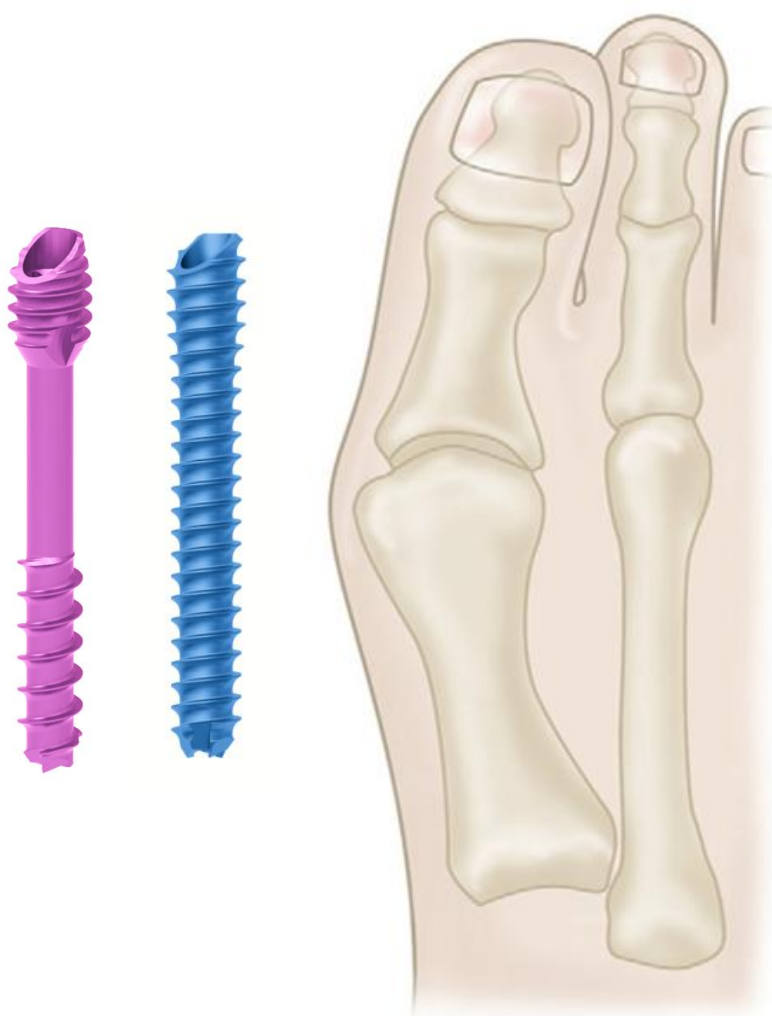


TITON

MIS Screws System for Minimally Invasive Foot Surgery

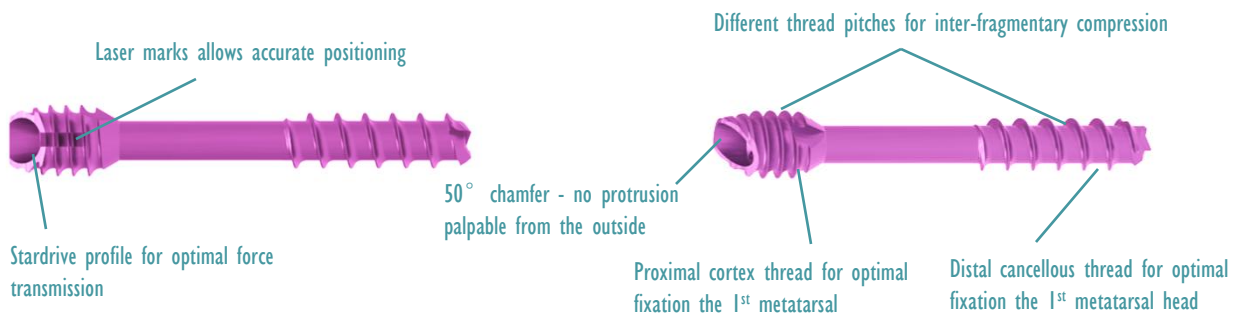


INTRODUCTION

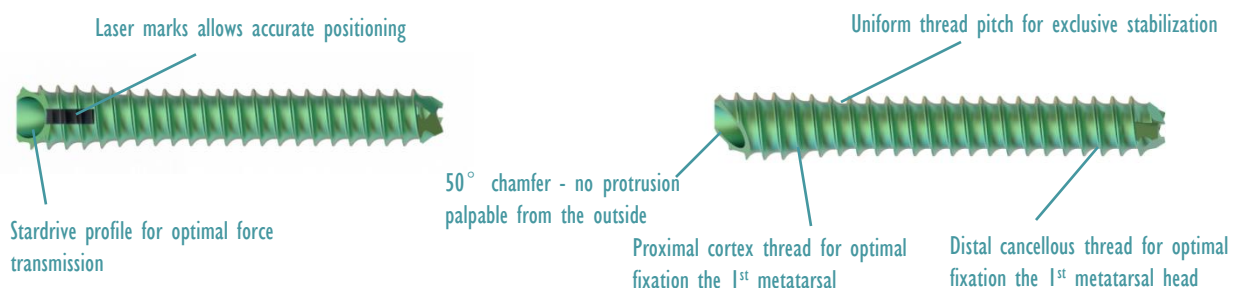
The TITON™ MIS Screws System offers two cannulated and headless titanium alloy screws that allow for stable fixation of any osteotomy for minimally invasive foot surgery. The system is indicated for use in bone reconstruction, osteotomy, arthrodesis, joint fusion, fracture repair, and fracture fixation of bones appropriate for the size of the device. With self-drilling and self-tapping headless compression and non-compression screws in diameters of 2.7 mm, 3.0 mm, 3.5 mm and 4.0 mm, the TITON™ MIS Screws System provides extensive versatility for minimally invasive surgical procedures of the foot.

Implant Features

- The design of the TITON™ MIS Screws allow stable anchoring in the cortical bone, without any protrusion remaining that can be felt from the outside.
- The Stardrive profile provides very good force transmission.
- All TITON™ MIS Screws are manufactured from titanium alloy (Ti 6Al-4V) to provide consistent strength.
- The TITON™ Compression MIS Screw has different thread pitches, as a result of which inter-fragmentary compression is produced during screw insertion.



- The TITON™ Non-Compression MIS Screw has a uniform thread pitch, whereby upon insertion no inter-fragmentary compression, but exclusive stabilization is produced.



Indications for Use

TITON™ Compression MIS Screw

- Fixation of fractures, osteotomies and arthrodeses in the fore- and midfoot.
- In particular for hallux valgus correction osteotomies at the first metatarsal.

TITON™ Non-Compression MIS Screws

- Symptomatic, mild to moderate hallux valgus.
- Intermetatarsal angle up to 20°, or malposition that can be corrected by shifting of the first metatarsal head by 90%.
- Hallux valgus angle up to 40°.
- Pathological Distal Metatarsal Articular Angulation (DMAA).
- Soft tissue irritation, possibly with bursitis at the pseudoexostosis.
- Transfer metatarsalgia.
- Conflict with the neighbouring toe due to valgus deformity.

IMPLANT INFORMATION



TITON™ Compression MIS Screw 2.7 mm

REF (TIT)	TOTAL LEN
MOI 33210010	10 mm
MOI 33210012	12 mm
MOI 33210014	14 mm
MOI 33210016	16 mm
MOI 33210018	18 mm
MOI 33210020	20 mm
MOI 33210022	22 mm
MOI 33210024	24 mm
MOI 33210026	26 mm
MOI 33210028	28 mm
MOI 33210030	30 mm
MOI 33210032	32 mm
MOI 33210034	34 mm
MOI 33210036	36 mm
MOI 33210038	38 mm
MOI 33210040	40 mm

Thread Diameter - Shaft: 2.7 mm
Thread Diameter - Head: 3.7 mm
Pitch - Shaft: 1.5 mm
Pitch - Head: 1.0 mm
Cannulation: 0.9 mm
Stardrive: T6
Drill Bit: 1.7 mm
Material: Ti-6Al-4V



TITON™ Non-Compression MIS Screw 3.0 mm

REF (TIT)	TOTAL LEN
MOI 33208020	20 mm
MOI 33208022	22 mm
MOI 33208024	24 mm
MOI 33208026	26 mm
MOI 33208028	28 mm
MOI 33208030	30 mm
MOI 33208032	32 mm
MOI 33208034	34 mm
MOI 33208036	36 mm
MOI 33208038	38 mm
MOI 33208040	40 mm
MOI 33208042	42 mm
MOI 33208044	44 mm
MOI 33208046	46 mm
MOI 33208048	48 mm
MOI 33208050	50 mm
MOI 33208052	52 mm
MOI 33208054	54 mm
MOI 33208056	56 mm

Thread Diameter: 3.0 mm
Core Diameter: 2.0 mm
Pitch: 1.0mm
Cannulation: 0.9 mm
Stardrive: T6
Drill Bit: 2.2 mm
Material: Ti-6Al-4V

IMPLANT INFORMATION



TITON™ Non-Compression MIS Screw 3.5 mm

REF (TIT)	TOTAL LEN
MOI 33209020	20 mm
MOI 33209022	22 mm
MOI 33209024	24 mm
MOI 33209026	26 mm
MOI 33209028	28 mm
MOI 33209030	30 mm
MOI 33209032	32 mm
MOI 33209034	34 mm
MOI 33209036	36 mm
MOI 33209038	38 mm
MOI 33209040	40 mm
MOI 33209042	42 mm
MOI 33209044	44 mm
MOI 33209046	46 mm
MOI 33209048	48 mm
MOI 33209050	50 mm
MOI 33209052	52 mm
MOI 33209054	54 mm
MOI 33209056	56 mm
MOI 33209058	58 mm

Thread Diameter: 3.5 mm
Core Diameter: 2.5mm
Pitch: 1.25mm
Cannulation: 1.1mm
Stardrive: T8
Drill Bit: 2.7 mm
Material: Ti-6Al-4V



TITON™ Non-Compression MIS Screw 4.0 mm

REF (TIT)	TOTAL LEN
MOI 33207020	20 mm
MOI 33207022	22 mm
MOI 33207024	24 mm
MOI 33207026	26 mm
MOI 33207028	28 mm
MOI 33207030	30 mm
MOI 33207032	32 mm
MOI 33207034	34 mm
MOI 33207036	36 mm
MOI 33207038	38 mm
MOI 33207040	40 mm
MOI 33207042	42 mm
MOI 33207044	44 mm
MOI 33207046	46 mm
MOI 33207048	48 mm
MOI 33207050	50 mm
MOI 33207052	52 mm
MOI 33207054	54 mm
MOI 33207056	56 mm
MOI 33207058	58 mm
MOI 33207060	60 mm
MOI 33207062	62 mm
MOI 33207064	64 mm

Thread Diameter: 4.0 mm
Core Diameter: 3.0 mm
Pitch: 1.25 mm
Cannulation: 1.3 mm
Stardrive: T10
Drill Bit: 3.2 mm
Material: Ti-6Al-4V