DamMedical

medartis®

PRECISION IN FIXATION

PRODUCT INFORMATION

MODUS® 2 Intermaxillary Fixation System IMF

MODUS®

Contents

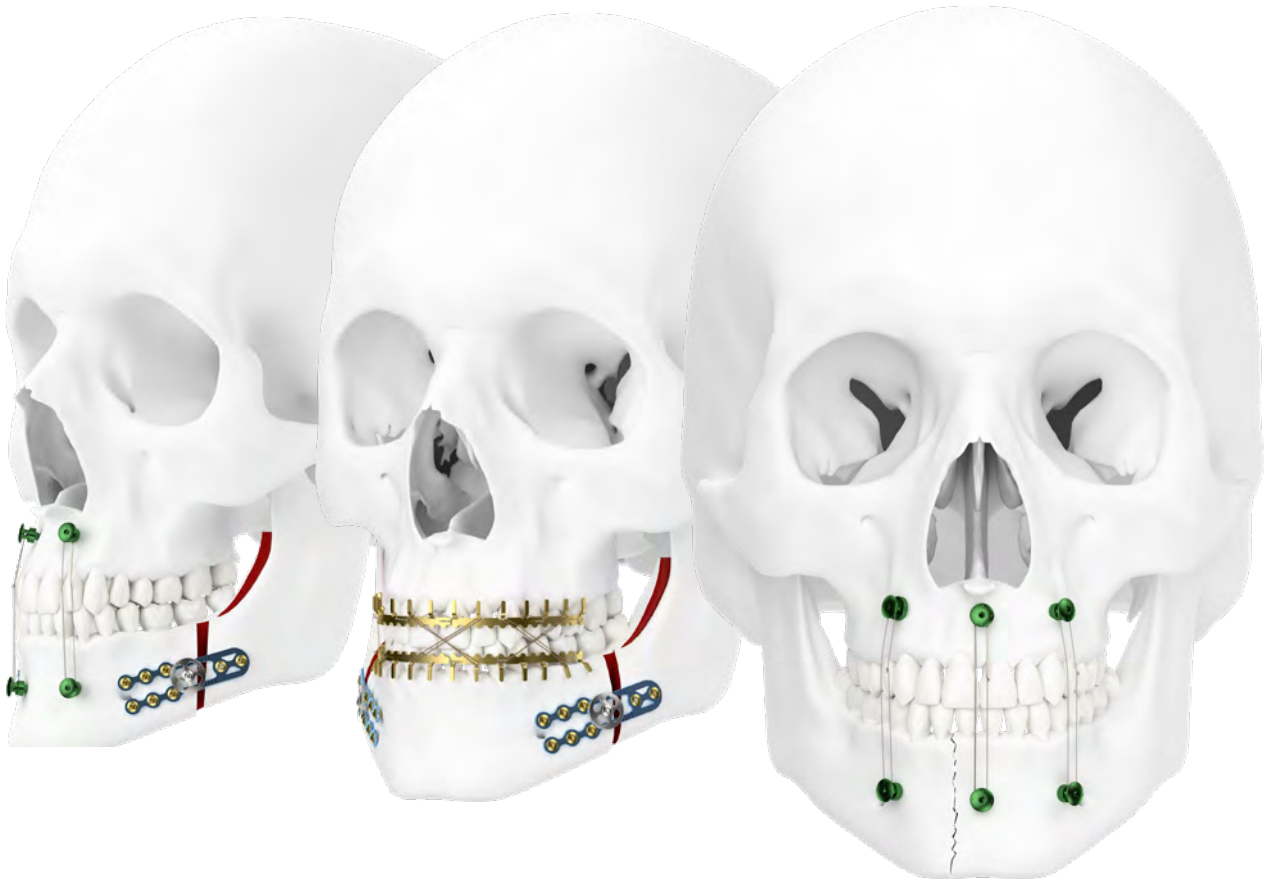
For further information on the MODUS product line, please visit www.medartis.com.

MODUS 2 IMF

MODUS 2 IMF is indicated for temporary perioperative fixation and/or stabilization of occlusion.

Areas of Use

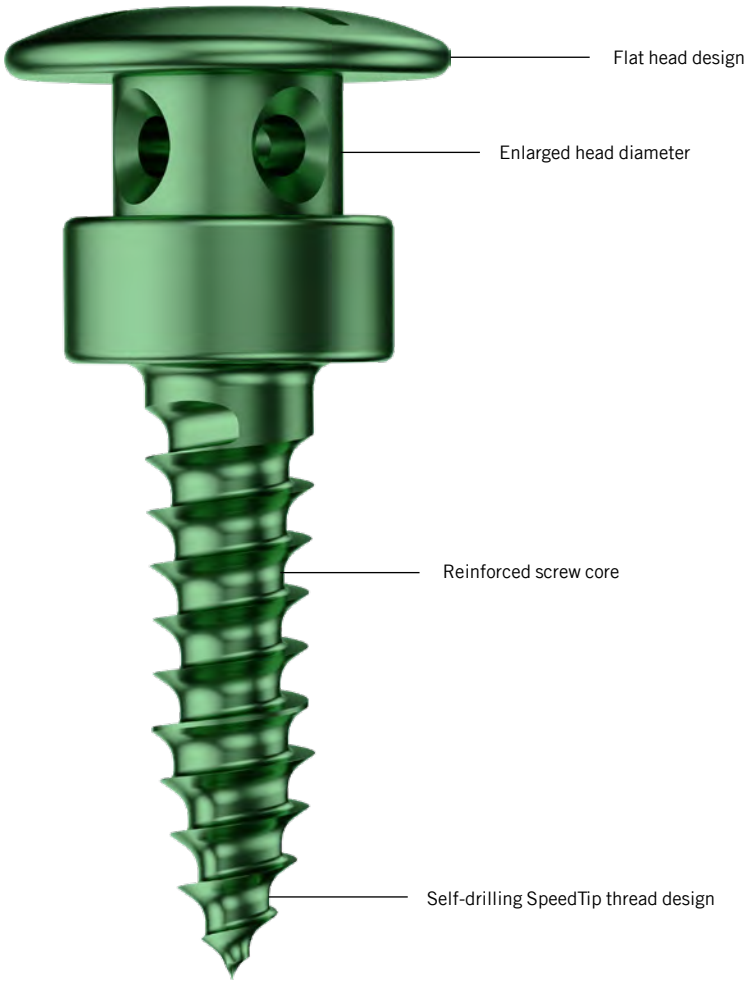
- Immediate measure to immobilize mandibular fractures or for conservative treatment
- Intraoperative fixation of occlusion
- Postoperative fixation to immobilize the mandible



IMF SpeedTip Screws

Features

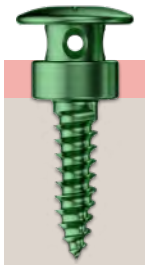
- Enlarged head diameter to secure the elastomeric ligatures
- Self-drilling SpeedTip thread design for direct screw insertion without predrilling*
- Reinforced screw core for increased shear strength
- Through bores in which to insert the ligature wires are placed parallel to the markings on the screw head
- Flat head design for soft tissue protection



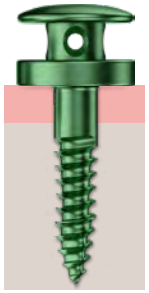
*With very hard bone it may still be necessary to predrill

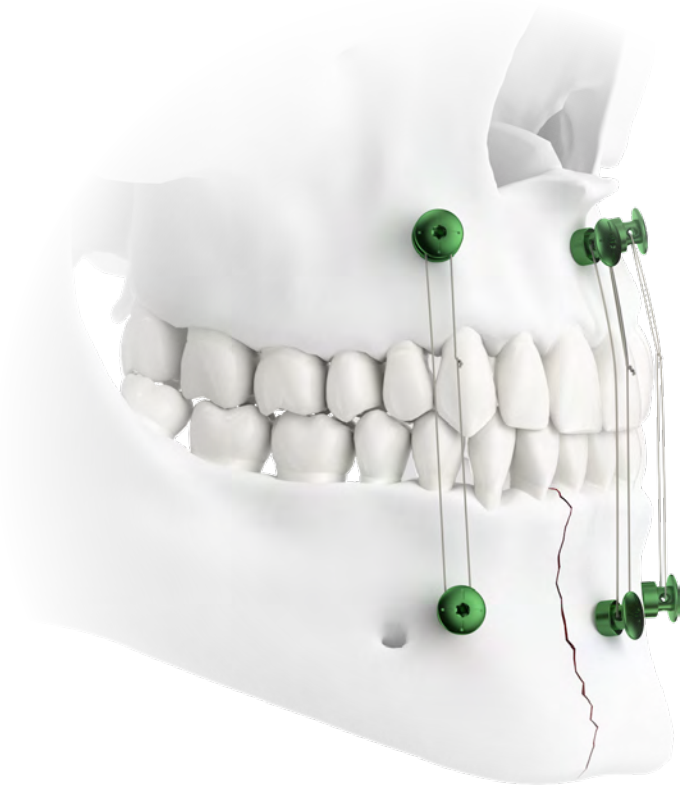
IMF Screws with and without Plateau

IMF Screws without Plateau (M2-5248.XX)
The screw head lies directly on the bone, reducing implant protrusion.



IMF Screw with Plateau (M2-5249.xx)
The plateau is over the gingival mucosa and holds wires and elastics away from the soft tissue.

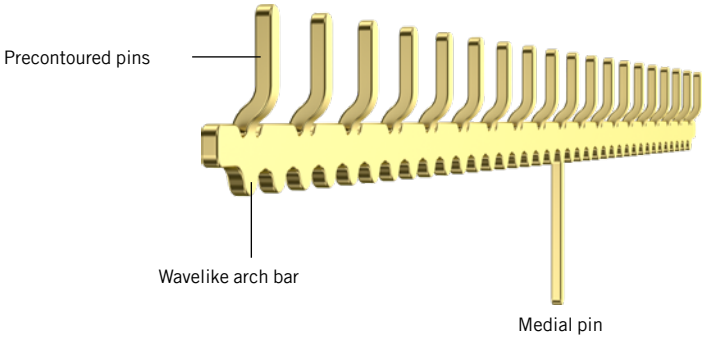




Titanium Arch Bar

Features

- Precontoured pins no longer need to be bent*
- Wavelike arch bar prevents slippage of the ligature wires
- Medial pin serves as an alignment and fixation aid when fitting the arch bar

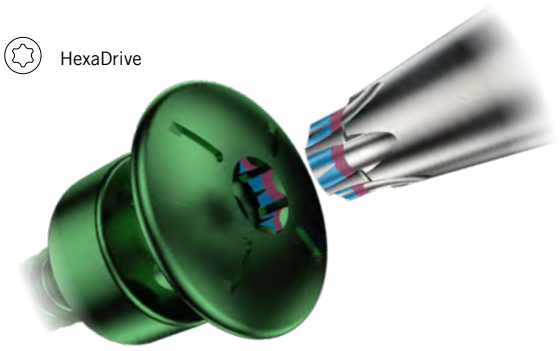


*If individual pins touch the mucosa, the pins concerned have to be bent away slightly to prevent soft tissue irritation.

Technology

HexaDrive

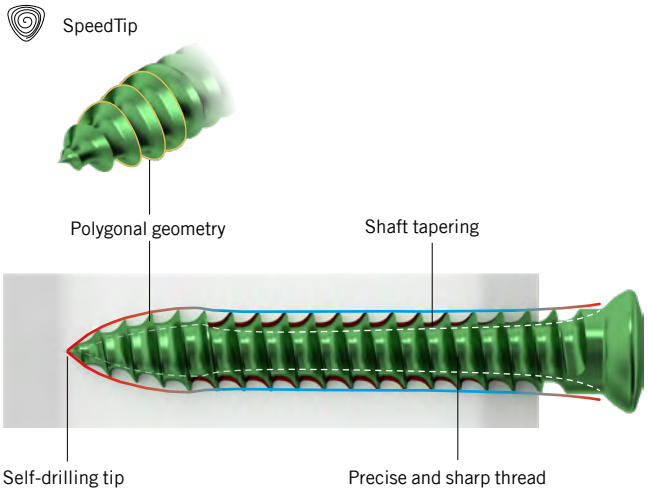
- A single screwdriver for all screws thanks to the uniform HexaDrive screw head design
  - HexaDrive interface with self-holding properties between screw and screwdriver
  - Increased torque transmission
  - Simplified screw pick-up due to patented self-holding technology



Blue contact surface for torque transmission
Red contact surface for screw retention

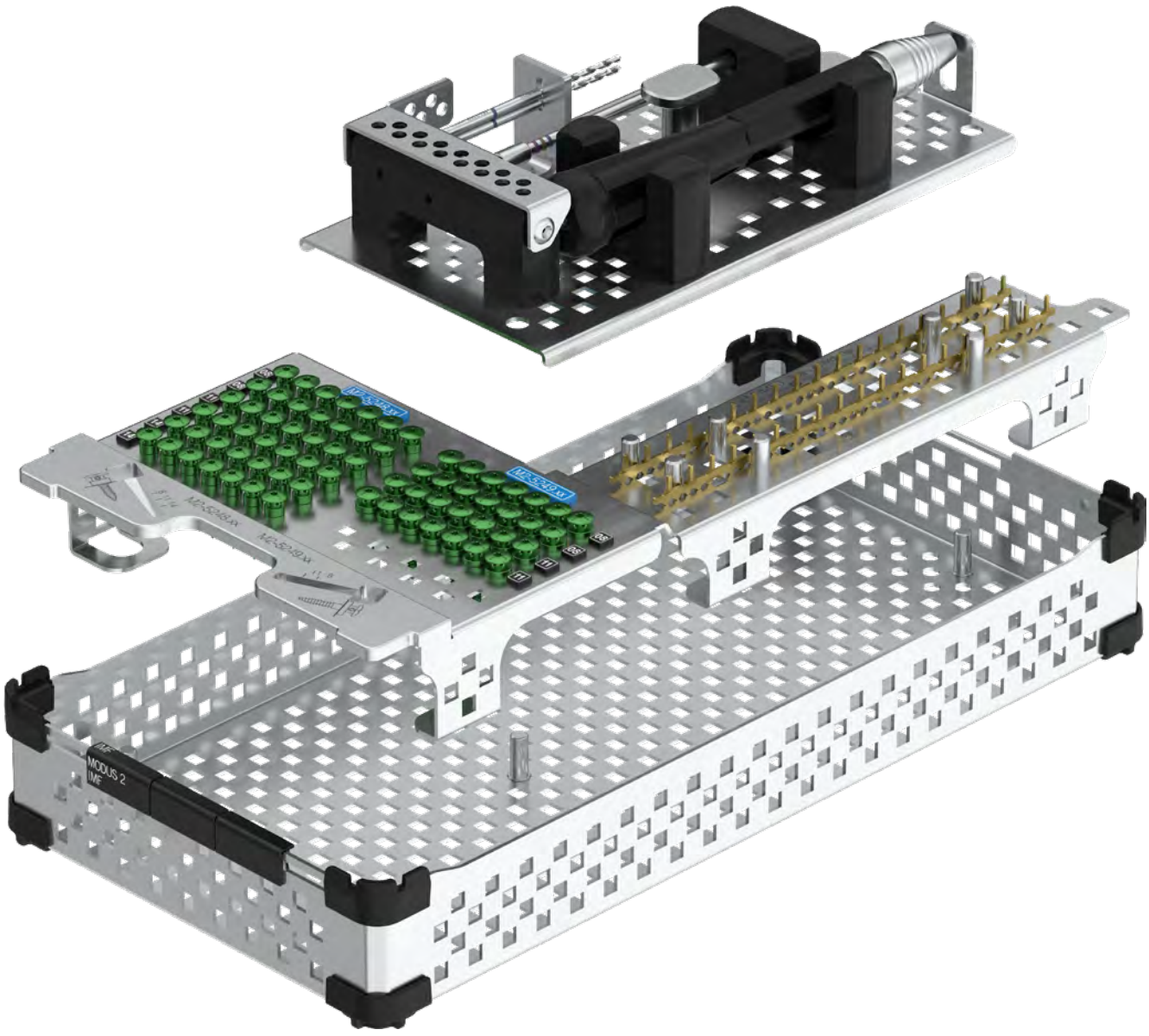
SpeedTip

- Functionally unique cutting with immediate bite
- 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 [1–2]
- Reduced insertion torque thanks to the polygonal tip and tapered shaft



Storage

- Compact, clearly arranged system
- Easy to use
- User-friendly storage of implants and instruments
- Validated cleaning and sterilization of the implants in the container



Ordering Information

2.0 IMF SpeedTip Screws, HexaDrive 6

Material: Titanium alloy (ASTM F136)

Length	Art. No.	STERILE	Description	Pieces/Pkg
8 mm	M2-5248.08	M2-5248.08S	without plateau	2
11 mm	M2-5248.11	M2-5248.11S	without plateau	2
14 mm	M2-5248.14	M2-5248.14S	without plateau	2

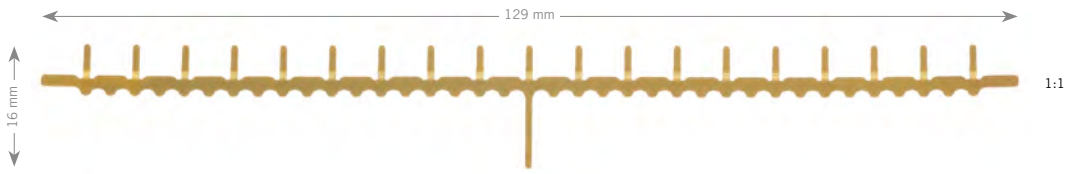
2.0 IMF Screws with Plateau, HexaDrive 6

Material: Titanium alloy (ASTM F136)

Length	Art. No.	STERILE	Description	Pieces/Pkg
8 mm	M2-5249.08	M2-5249.08S	with plateau	2
11 mm	M2-5249.11	M2-5249.11S	with plateau	2

Titanium Arch Bar

Material: Titanium alloy (ASTM F67)
Plate thickness: 0.7 mm



Art. No.	STERILE	Length	Pieces/Pkg
M-4450	M-4450S	129 mm	2

Scale 2:1

Twist Drills ∅ 1.5 mm (Core Hole 2.0 Screws)

M2-3459

M2-3469

Art. No.	STERILE	Description	Stop	Length	Shaft End	Pieces/Pkg
M2-3459	M2-3459S	for drill guide M2-2198	25 mm	99 mm	Dental	1
M2-3469	M2-3469S	for drill guide M2-2198	25 mm	112 mm	Stryker J-Latch	1

Screwdriver Handle

1:2

M2-2001

Art. No.	Description	Length	Pieces/Pkg
M2-2001	Type 2 (hand-driven small, AO coupling)	121 mm	1

Screwdriver Blade

Art. No.	Interface	Description	Length	Pieces/Pkg
M2-2005	HD6	self-holding	95 mm	1

Bibliography

Self-drilling Screws

1. 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
2. Heidemann, W.; Terheyden, H.; Gerlach, K. L.
In-vivo-Untersuchungen zum SchraubenKnochen-Kontakt von Drill-Free-Schrauben und herkömmlichen selbstschneidenden Schrauben
Mund Kiefer GesichtsChir 5 2001: 17–21

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