

medartis®

PRECISION IN FIXATION

PRODUCT INFORMATION

Intermaxillary Fixation System IMF 2.0

MODUS®
Mandible



IMF Cortical Screws 2.0 with SpeedTip® Technology

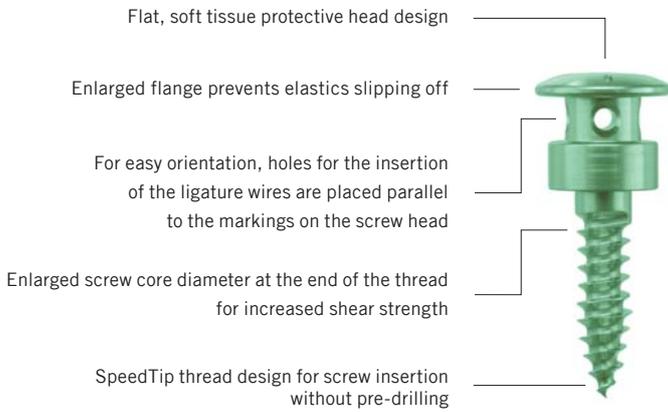
For simple, undisplaced fractures in the upper or lower jaw as well as for orthognathic interventions, intermaxillary fixation screws can be used for the intra-operative fixation of the occlusion. MODUS IMF 2.0 SpeedTip screws feature excellent screw insertion properties, due to the innovative SpeedTip technology. The screws are also available with mucosal plateau to preserve the gingiva. The slightly enlarged flange prevents elastomeric ligatures from slipping off. The new MODUS IMF 2.0 SpeedTip screws with HexaDrive stand out with excellent guiding properties of the screw head interfaces along with distinctive soft tissue protection of the rounded screw head.

Product Features

- SpeedTip thread design for screw insertion without pre-drilling
- Excellent cutting properties
- Effortless insertion
- Excellent tactile feedback during screw insertion
- Flat and atraumatic design of the screw head
- Screw head with HexaDrive Technology  or Cross-Drive 



SCREW FEATURES



SPEEDTIP TECHNOLOGY

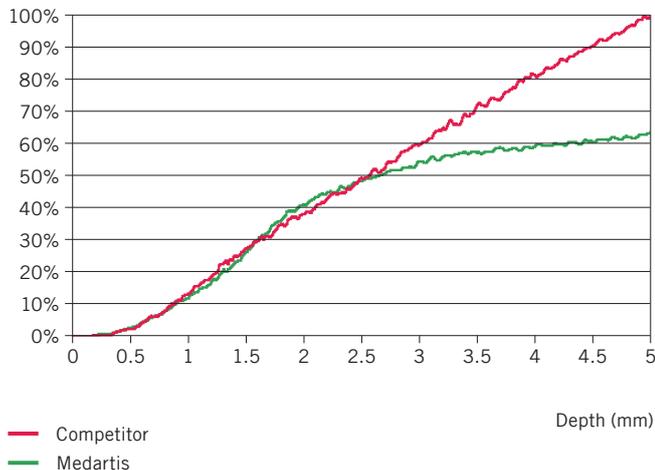


Optimized geometry of the polygonal cutting tip allows for immediate gripping of the bone with only a slight axial pressure. The triangular shaft design permits simultaneous drilling and displacement of the bone material in the zone behind the screw cutting tip. The conical diameter reduction of the cutting body reduces the insertion torque, which gives a tactile feedback of the axial position of the screw tip in the bone (e.g. penetration of the cortex).

Torque comparison

Medartis SpeedTip screw vs. competition

Torque



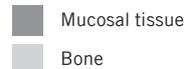
Transmucosal screw plateau

Gingival mucosa abuts on the plateau



Mucosal plateau

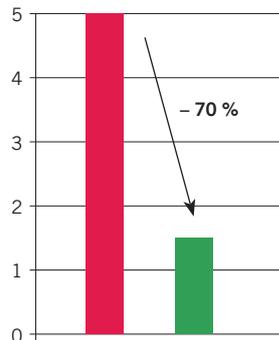
Plateau remains above the gingival mucosa and thus preserves the soft tissues



Comparison of needed axial force

Self-drilling competition product vs. Medartis Speedtip screw

Axial force [N]



Measuring in bone substitute

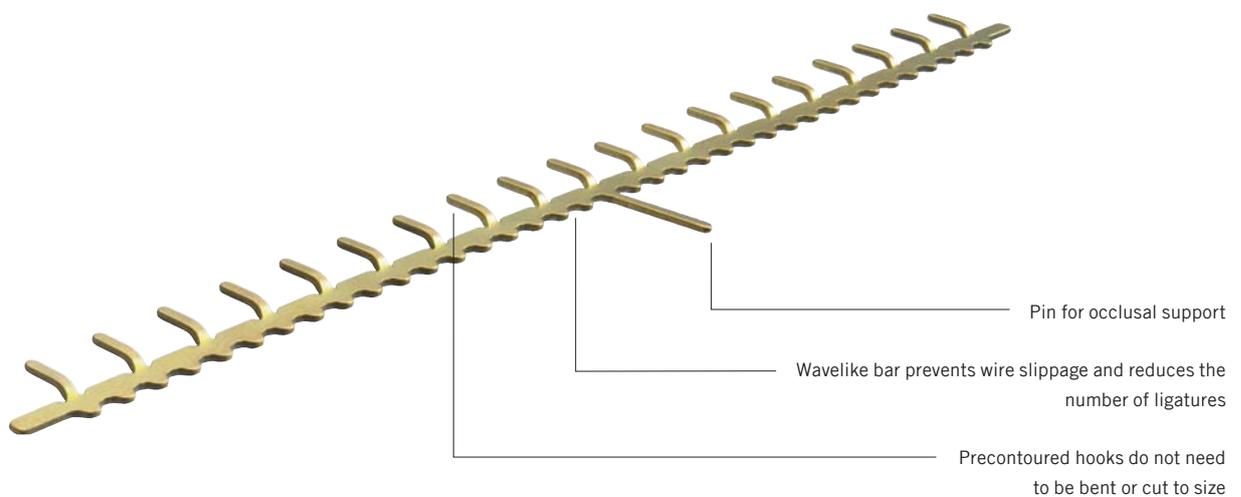


Axial force with Medartis SpeedTip screw is up to 70% lower compared to the competition

IMF 2.0 Titanium Arch Bar

Product Features

- Ease of handling
- Reduced operating time
- Reduced risk of injury



The Titanium Arch Bar represents an improvement over previously used versions, and can easily be shaped and adapted to the dental arch by hand.

Ordering Information

2.0 IMF SpeedTip Screws, Self-Drilling

Material: Titanium (ASTM F136)

with transmucosal plateau



Length	Interface	Description	Art. No.	Piece/Pkg
8 mm	HD6		M-5248.08	2
11 mm	HD6		M-5248.11	2
14 mm	HD6		M-5248.14	2
8 mm			M-5148.08	2
11 mm			M-5148.11	2
14 mm			M-5148.14	2

2.0 IMF SpeedTip Screws, Self-Drilling

Material: Titanium (ASTM F136)

with mucosal plateau



Length	Interface	Description	Art. No.	Piece/Pkg
8 mm	HD6	with Plateau	M-5249.08	2
11 mm	HD6	with Plateau	M-5249.11	2
8 mm		with Plateau	M-5149.08	2
11 mm		with Plateau	M-5149.11	2

Titanium Arch Bar

Material: Titanium (ASTM F67)



M-4450

Art. No.	Length	Piece/Pkg
M-4450	130 mm	2

Implant Container IMF 2.0

Art. No. M-6393 (empty, incl. lid)

Lid for Container M-6393

Art. No. M-6170 (spare part)

Screwdriver 2.0 (complete)



Art. No.	Interface	Description	Components	Piece/Pkg
M-2113	HD6	Self-Holding	M-2503 / M-2663	1
M-2143		Self-Holding	M-2503 / M-2523	1
M-2103		with Holding Device	M-2503 / M-2513 / M-2553	1

Screwdriver 2.0 (single components)



Art. No.	Interface	Description	Length	Piece/Pkg
M-2553		Tension Sleeve 2.0 for M-2103		1
M-2503		Screwdriver Handle 2.0		1
M-2513		Screwdriver Blade 2.0 for M-2553	87 mm	1
M-2523		Screwdriver Blade 2.0, Self-Holding	84 mm	1
M-2663	HD6	Screwdriver Blade 2.0, Self-Holding	84 mm	1

Optional for hard bone:
Twist Drills for Screws Ø 2.0 mm



M-3213



M-3203

Art. No.	Ø Twist Drill	Stop	Length	Drill Shaft End	Piece/Pkg
M-3213	1.6	20 mm	80 mm	Dental	1
M-3203	1.6	20 mm	93 mm	Stryker J-Latch	1

Korkhaus Wire Ligature Forceps, 160 mm *

Art. No. M-2220



* The use of 2 forceps is recommended

Luniatschek, 185 mm, Tip width 2.5 mm

Art. No. M-2240



Beebe Wire Cutting Scissors, 120 mm

Art. No. M-2210



Halstead-Mosquito Haemostatic Forceps, 120 mm

Art. No. M-2230



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