

medartis

PRECISION IN FIXATION

SURGICAL TECHNIQUE

MODUS 2 Transbuccal Set



MODUS

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For further information regarding the MODUS product line visit www.medartis.com

Introduction

Product Materials

Product	Material
Instruments	Stainless steel, PEEK, aluminum, Nitinol, silicone or titanium
Containers	Stainless steel, aluminum, PEEK, polyphenylsulfone, polyurethane, silicone

Compatibility

MODUS 2 TBS was developed for use with the following systems:

- MODUS 2 Mandible
- MODUS 2 Orthognathics

Color Coding

Screw Diameter	Color Code
2.0	Blue
2.3	Brown
2.5	Purple



Instrument Application

Drilling

Color-coded twist drills for use with the Transbuccal Set are available for MODUS 2 screw diameters 2.0, 2.3 and 2.5. All drills are color coded with a ring system.

Screw Diameter	Color Code
2.0	Blue
2.3	Brown
2.5	Purple

Drills for screws \varnothing 2.0 (drill \varnothing 1.5)

Dental	Stryker	
M2-3459	M2-3469	25 mm



M2-3459

Drills for screws \varnothing 2.3 (drill \varnothing 1.9)

Dental	Stryker	
M2-3216	M2-3226	25 mm



M2-3216

Drills for screws \varnothing 2.5 (drill \varnothing 2.0)

Dental	Stryker	
M2-3276	M2-3286	25 mm



M2-3276

Selecting the Drill Guide

There are two drill guides available:

Instruments	Function
Drill guide for TriLock plates (M-2632)	For all MODUS 2 TriLock plates
2.0 – 2.5 Drill guide, centric (M-2630)	For unlocked MODUS 2 implants



M-2632



M-2630

Caution

With TriLock plates only the drill guide M-2632 is to be used to avoid damaging the screw hole.

Application

Application of the Transbuccal Set

Preparing the Handpiece



M-2606
Handle Transbuccal Trocar & Drill Guide



M-2620
Protection Sleeve Ø 4.5 mm



M-2626
Trocar for Protection Sleeve

1. Open the lever fastener on the handle (M-2606).



2. Connect the protection sleeve (M-2620) to the handle.

Notice

The insertion length of the protection sleeve (M-2620) varies depending on the chosen insertion place (38 mm/33 mm).

The tip of the protection sleeve is opposite to the pin.

This can thus be used for orientation.

For an insertion length of 38 mm, insert the protection sleeve from below into the handle.





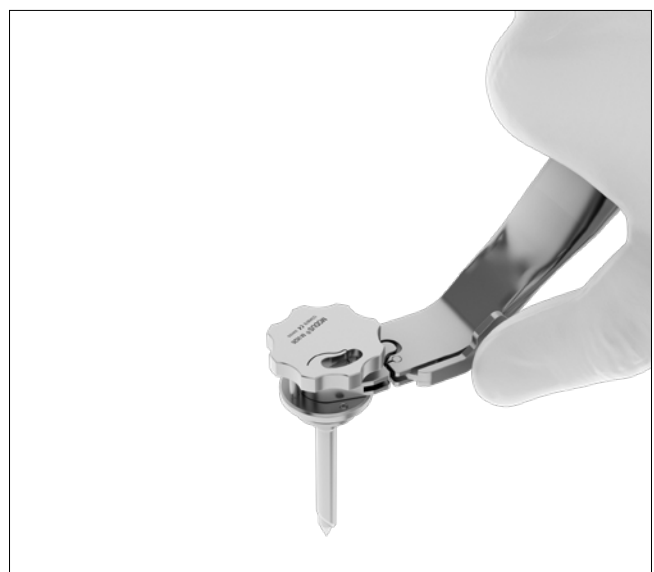
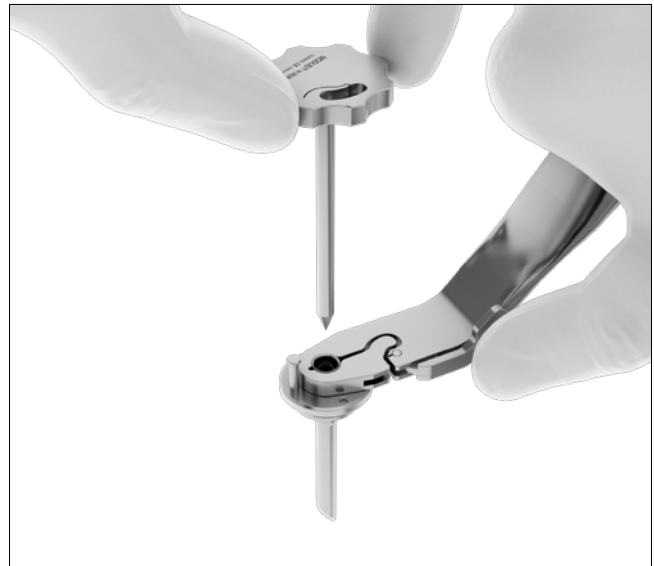
For an insertion length of 33 mm, insert the protection sleeve from above into the handle.



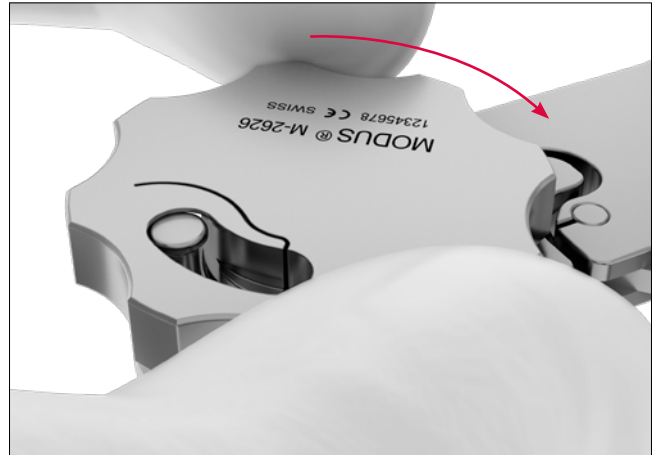
3. Close the lever fastener on the handle. The protection sleeve is thus fixed.



4. Insert the trocar (M-2626) from above into the protection sleeve.

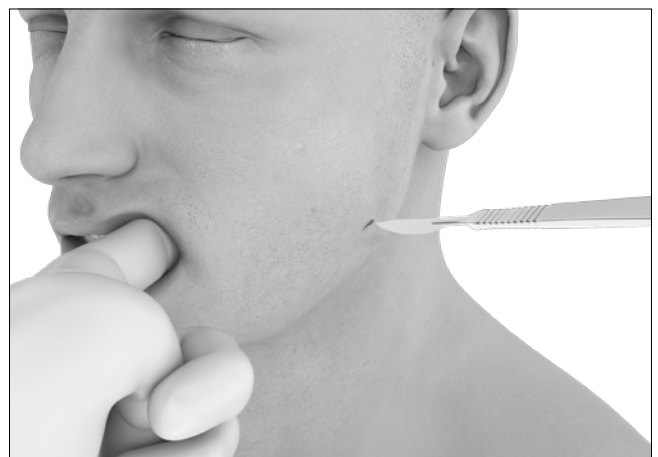


5. Turn the trocar to the right until the bayonet lock engages at the pin of the protection sleeve.



Incision

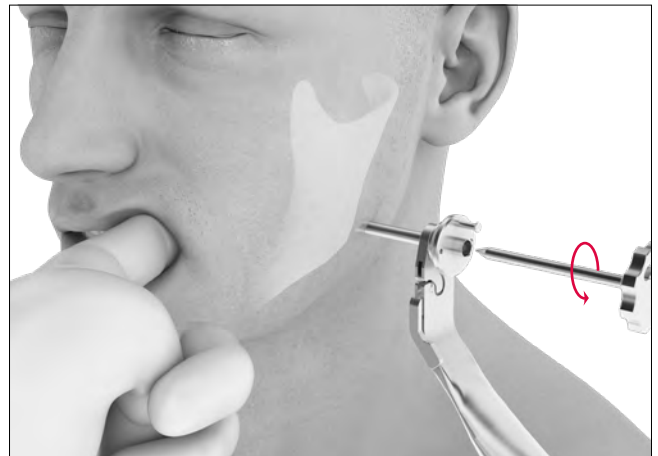
1. Stab incision at the level of the implant area.



2. Tighten the skin at the incision site and puncture with the inserted trocar (M-2606).



3. Remove the trocar by turning it to the left.



Inserting the Intraoral Cheek Retractor



M-2615
Cheek Retractor, Intraoral



M2-2001
Screwdriver Handle, Type 2



M2-2005
Screwdriver Blade, HD6

1. Insert the screwdriver (screwdriver handle (M2-2001) with screwdriver blade HD6 (M2-2005)) into the clamp screw of the cheek retractor (M-2615).



2. Slide the cheek retractor (M-2615) from inside over the protection sleeve.



3. Secure the cheek retractor by tightening the clamp screw.

Notice

To remove the cheek retractor (M-2615), perform the steps 1–3 in reverse order.



Inserting the Extraoral Cheek Retractor



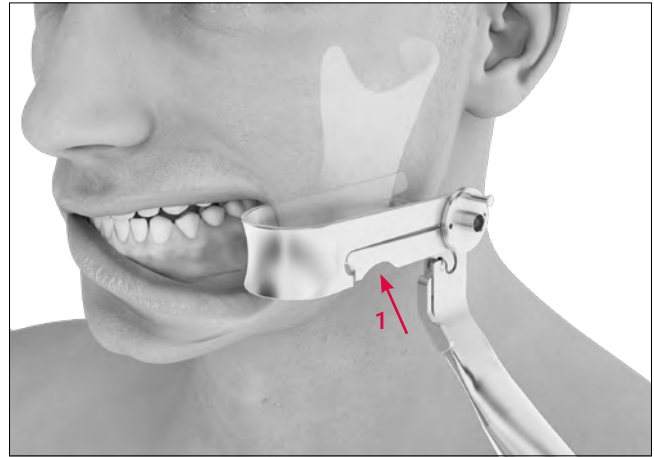
M-2614
Cheek Retractor, Extraoral

1. Insert the extraoral cheek retractor (M-2614).
With lateral pressure the cheek retractor engages.



Notice

To remove the extraoral cheek retractor (M-2614), first press the lever mechanism (1) and then pull out the cheek retractor (2).



Drilling

1. Insert the drill guide (M-2630/M-2632).
Turn the drill guide to the right until the bayonet lock engages at the pin of the protection sleeve.



2. Insert the twist drill.

During drilling, pressure can be applied with the protection sleeve to the implant in order to prevent it from slipping off.



Notice

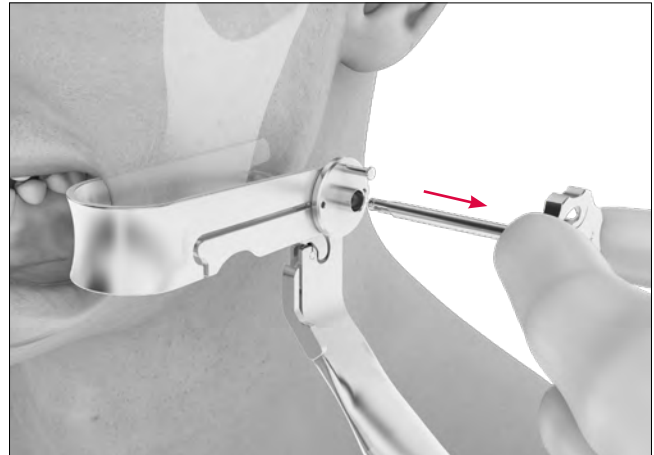
For easier estimation of the drill depth, the drills are provided with laser markings in steps of 5 mm.



3. Remove the drill guide (M-2630/M-2632) by turning it to the left.

Notice

During and after removal of the drill guide, pressure can still be applied with the protection sleeve to the implant to prevent it from slipping off.



4. Insert the screw.

Notice

No predrilling is required when using self-drilling SpeedTip screws.*



*Except with very hard bone

Instruments and Container

Handle for Transbuccal Trocar and Drill Guide



Art. No.	Length	Pieces / Pkg.
M-2606	147mm	1

Cheek Retractor



M-2614



M-2615

Art. No.	Description	Length	Pieces / Pkg.
M-2614	extraoral	166 mm	1
M-2615	intraoral	83 mm	1

Screwdriver Handle



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

Protection Sleeve



Art. No.	Description	Length	Pieces / Pkg.
M-2620	for M-2606	48 mm	1

Trocar



Art. No.	Description	Length	Pieces / Pkg.
M-2626	for M-2620	60 mm	1

Drill Guides



M-2630



M-2632

Art. No.	Size	Description	Length	Pieces / Pkg.
M-2630	2.0 – 2.5		54 mm	1
M-2632	2.0 – 2.5	for TriLock plates	54 mm	1

Twist Drills Ø 1.5 mm (Core Hole 2.0 Screws)



M2-3459



M2-3469

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

Twist Drills Ø 1.9 mm (Core Hole 2.3 Screws)



M2-3216



M2-3226

Art. No.	STERILE	Stop	Length	Shaft End	Pieces / Pkg.
M2-3216	M2-3216S	25 mm	99 mm	Dental	1
M2-3226	M2-3226S	25 mm	112 mm	Stryker J-Latch	1

Twist Drills Ø 2.0 mm (Core Hole 2.5 Screws)



M2-3276



M2-3286

Art. No.	STERILE	Stop	Length	Shaft End	Pieces / Pkg.
M2-3276	M2-3276S	25 mm	99 mm	Dental	1
M2-3286	M2-3286S	25 mm	112 mm	Stryker J-Latch	1

Case, Trays



M2-6003.001 with M2-6003.002* / M2-6003.004*,
(excl. instruments)

Art. No.	Description	Dimensions (W x L)	Pieces / Pkg.
M2-6003.001	instrument case, TBS	240 x 240 mm	1
M2-6003.002*	instrument tray, TBS, Stryker	240 x 240 mm	1
M2-6003.004*	instrument tray, TBS, Dental	240 x 240 mm	1
M-6727	lid for implant and instrument case 240 x 240 mm	240 x 240 mm	1

* Choose between Stryker or Dental instrument tray based on drill coupling

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