

PRODUCT INFORMATION

# MODUS® 2 Mandible



# MODUS®

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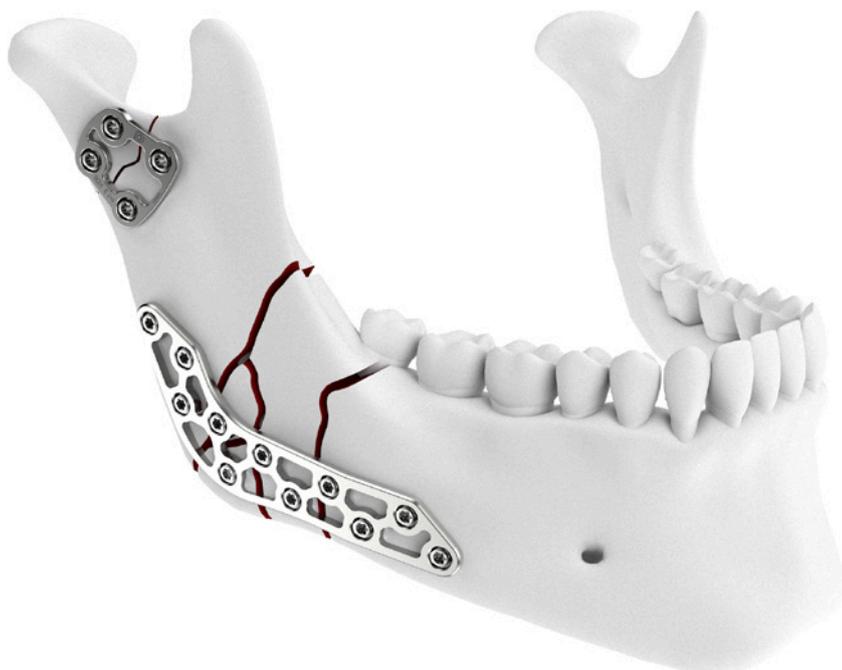
For further information on the MODUS product line, please visit [www.medartis.com](http://www.medartis.com).

# The new MODUS 2 Mandible

The new MODUS 2 Mandible offers a wide range of plate designs for a variety of mandibular treatments.

## Features

- One system for the treatment of mandibular traumas and reconstructions
- Selection of anatomical and indication-specific plate designs for fractures and reconstructions
- Compact and streamlined plate portfolio
- New grid design for bridging and trauma plates
- Large selection of screws, including self-drilling SpeedTip screws and locking TriLock screws
- Uniform color concept for clear identification of drills and screws
- Plates, screws and drills are also available sterile



# TriLock Bridging Plates

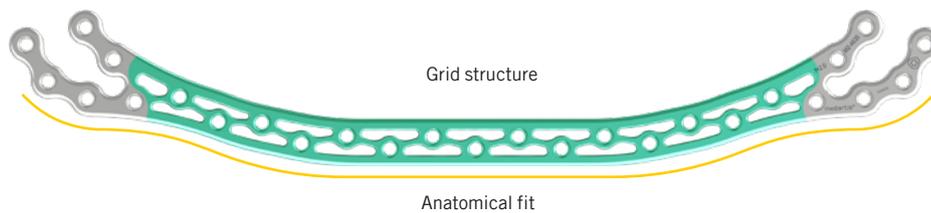
t=2.0

## Features

- For bridging defects in bone continuity in the mandible
- Grid structure for greater stability\* combined with a low plate profile and rounded plate edges throughout
- Double-sided TriLock screw holes allow plates to be used on the left and right side, thereby streamlining the plate portfolio\*\*
- Anatomical plate design and adaptable ramus section\*\*
  - Less bending of the plate is required



Bridgeable area with C-bridging plate



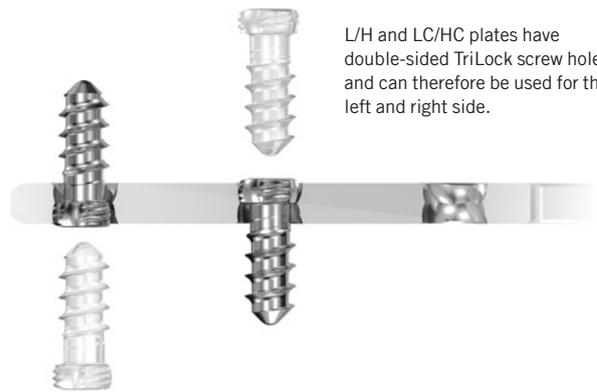
\* compared to MODUS Reco 2.5 bridging plates

\*\* for L/H and LC/HC reconstruction plates

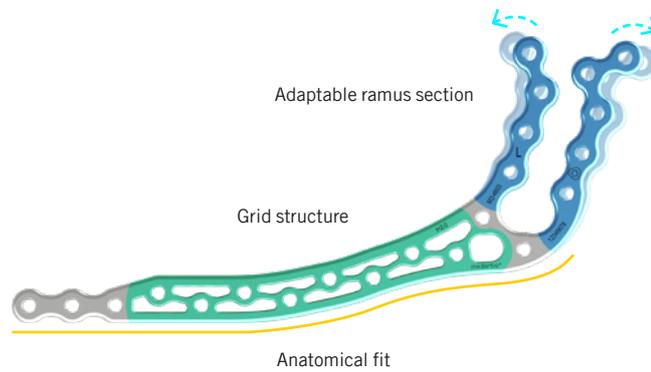




LCL-bridging with C-adaption



L/H and LC/HC plates have double-sided TriLock screw holes and can therefore be used for the left and right side.

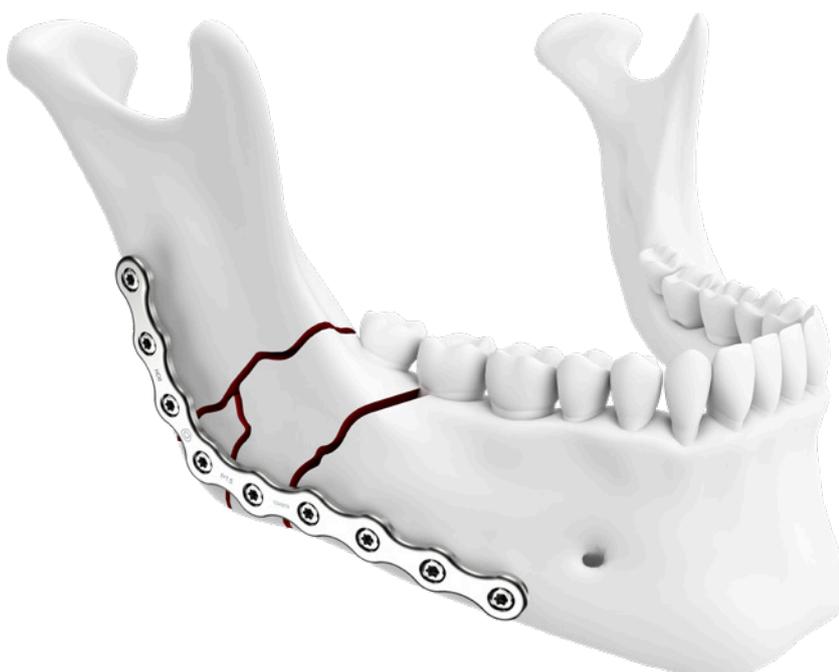
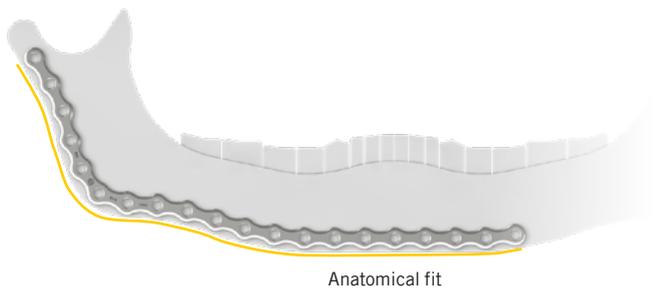


# TriLock Plates

t=1.5

## Features

- Versatile
  - Bone graft reconstructions
  - Comminuted mandibular fractures
  - Atrophic mandibular fractures
  - Ramus and mandibular angle fractures
- Anatomical plate design
  - Less bending of the plate is required
- Central or deep positioning options

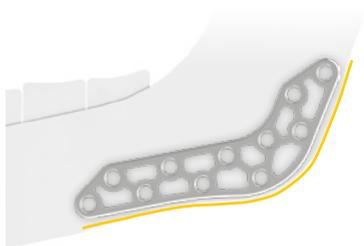


# TriLock Plates

t=1.3

## Features

- Wide selection of plates for condylar treatments
- TriLock grid mandibular angle plates, grid median-paramedian plates and grid pencilbone plates
  - Free selection of the screw holes to be filled
  - The grid mandibular angle plates have an anatomical plate design



Anatomical fit

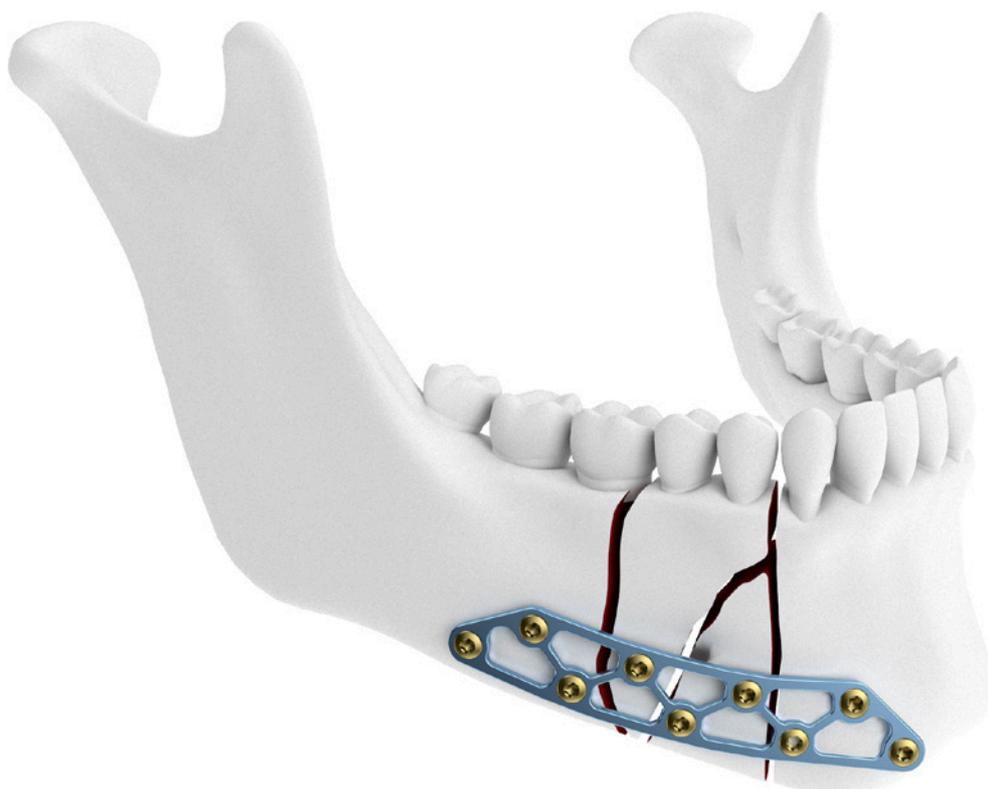
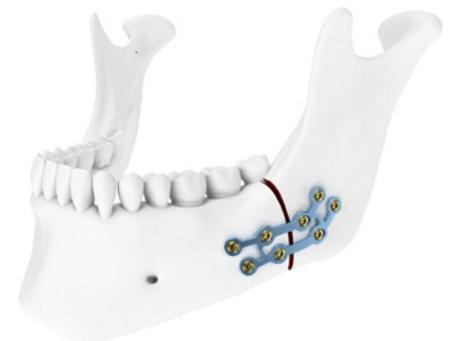
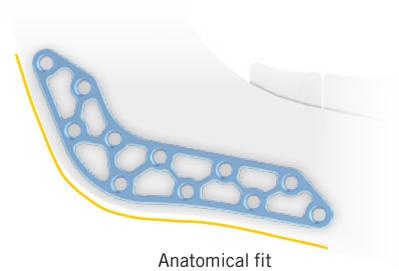


# Fixation Plates

t=1.0

## Features

- Grid mandibular angle plates and grid median-paramedian plates
  - Large selection of screw holes to be filled
  - The grid mandibular angle plates have an anatomical plate design
- Wide selection of plates for condylar treatments
- Compression plates for the body and mandibular angle



# Technology

## HexaDrive

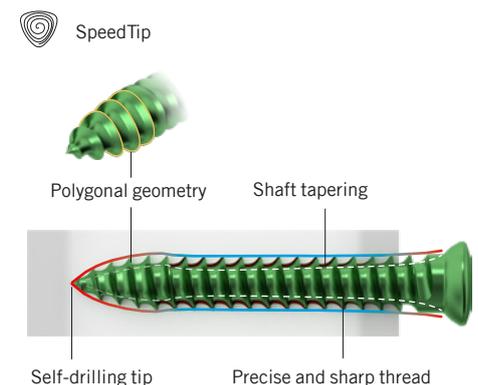
- A single screwdriver for all screws thanks to the uniform, patented HexaDrive screw head design
  - HexaDrive interface with self-holding properties between screw and screwdriver
  - Increased torque transmission
  - Simplified screw pick-up due to patented self-holding technology



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

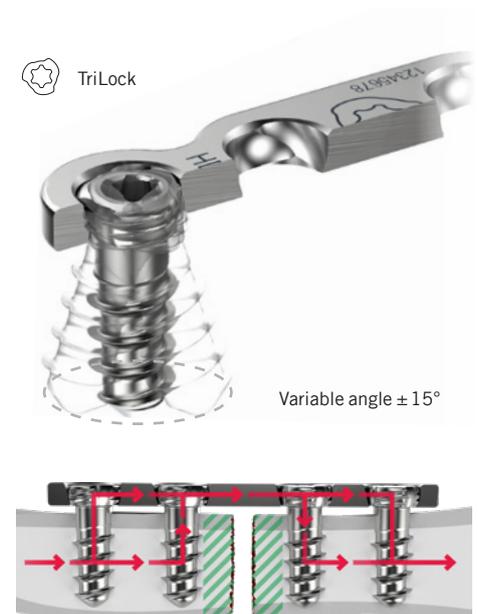
## SpeedTip

- 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<sup>(1-2)</sup>
- Reduced insertion torque thanks to the polygonal tip and tapered shaft



## TriLock

- Patented TriLock locking technology
  - Multidirectional locking of the screw in the plate
  - Screws can pivot freely by  $\pm 15^\circ$  in all directions for optimal positioning
- Fine tuning capabilities of fracture fragments
  - TriLock screws can be re-locked in the same screw hole at individual angles up to three times
  - No cold welding between plate and screws
- Internal fixator principle
  - Forces bypass the unstable fracture site
  - Low contact for ideal blood supply



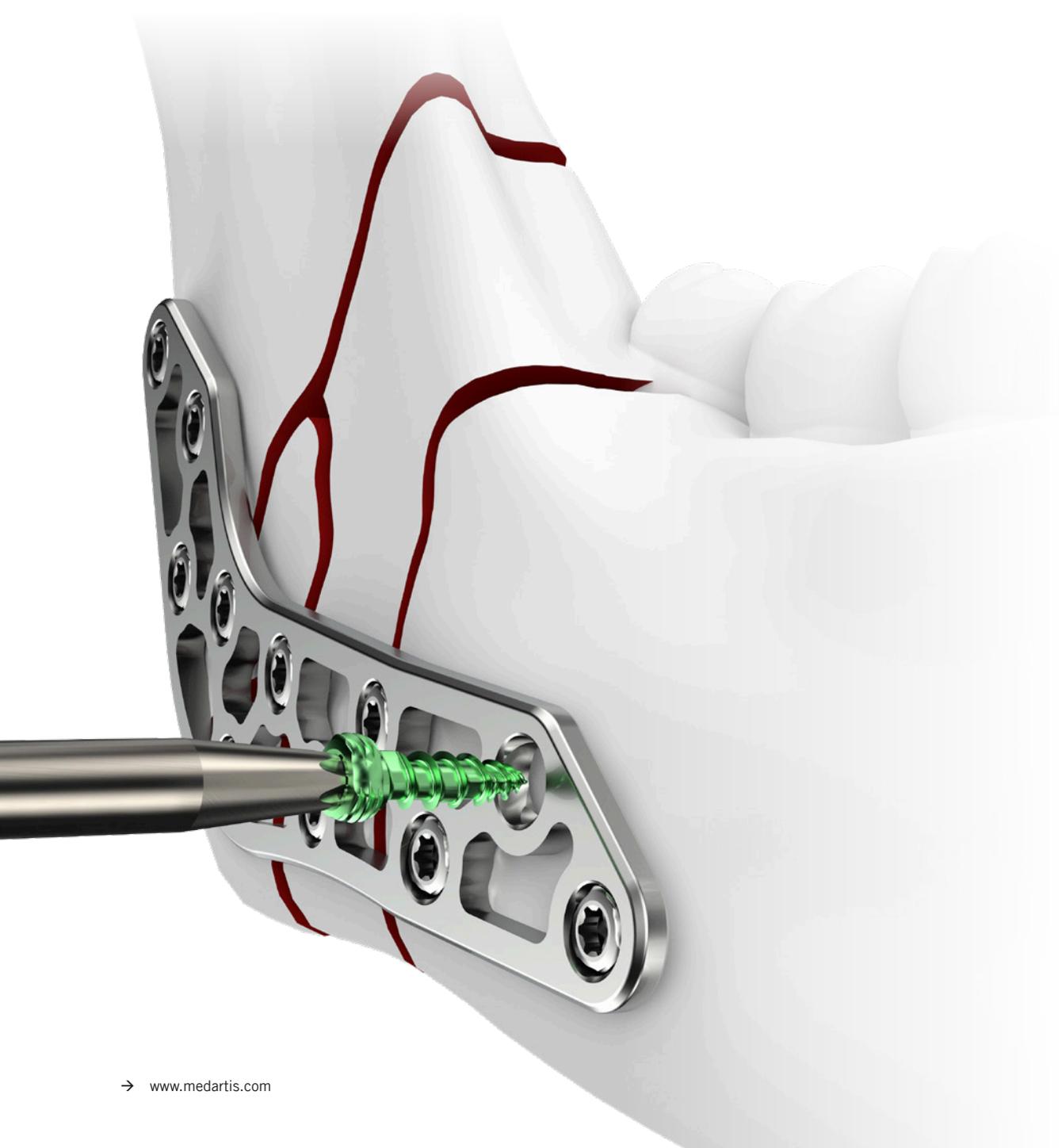
Load-free zone (green)

# TriLock SpeedTip

## 3 Technologies in One Screw

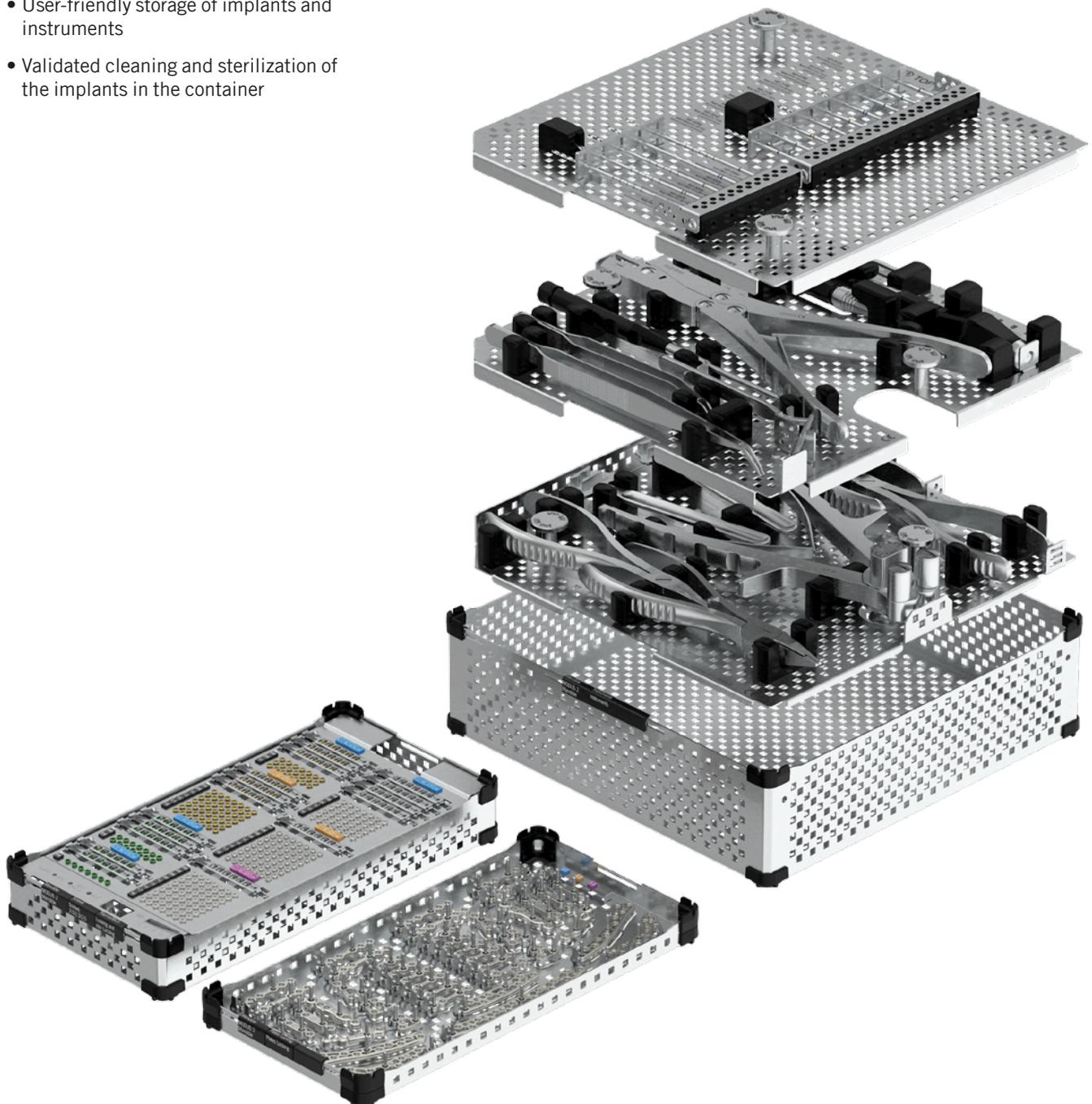
### Innovative TriLock SpeedTip Screws

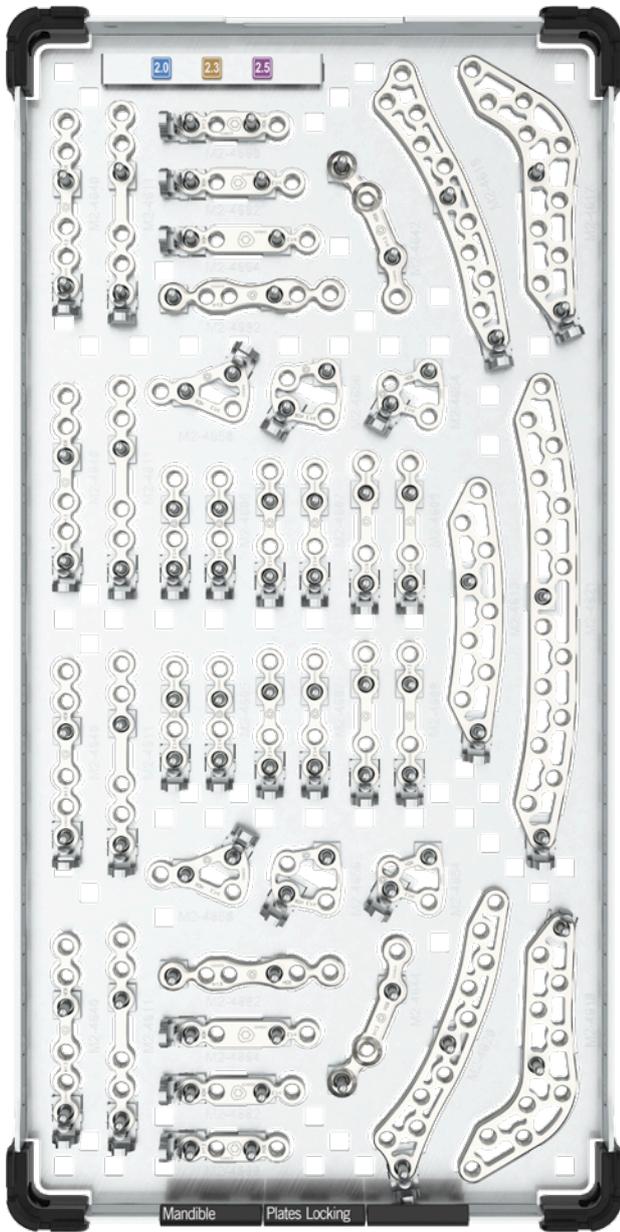
- TriLock screw head
- Precise and sharp SpeedTip thread
- HexaDrive screw head design



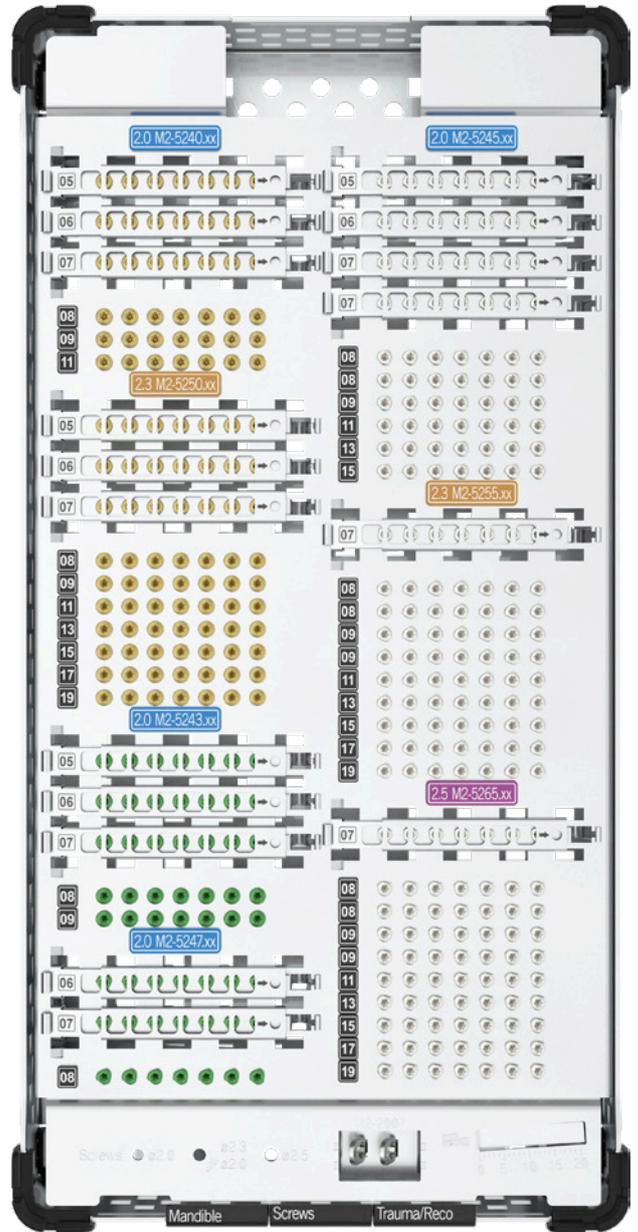
# Storage

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





Example of an equipped plate case



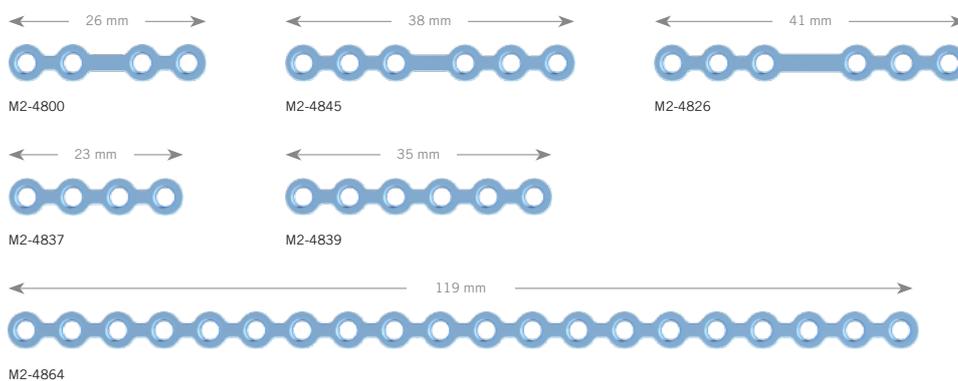
Example of an equipped screw case

# Ordering Information

## Mandible Plates $t = 1.0 \text{ mm}$

### Straight Plates

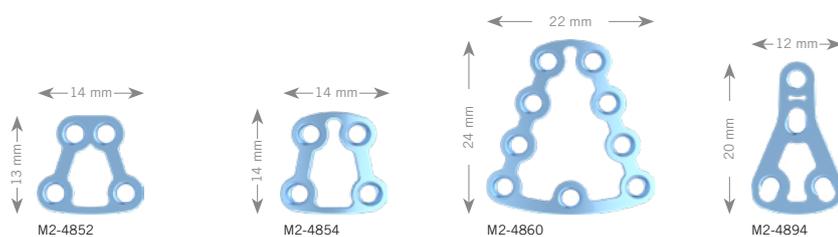
Material: Titanium (ASTM F67)  
Plate thickness: 1.0 mm



Art. No.	STERILE	Holes	Bar	Pieces/Pkg
M2-4800	M2-4800S	4	9 mm	1
M2-4826	M2-4826S	6	12 mm	1
M2-4837	M2-4837S	4		1
M2-4839	M2-4839S	6		1
M2-4845	M2-4845S	6	9 mm	1
M2-4864	M2-4864S	20		1

### Condyle Plates

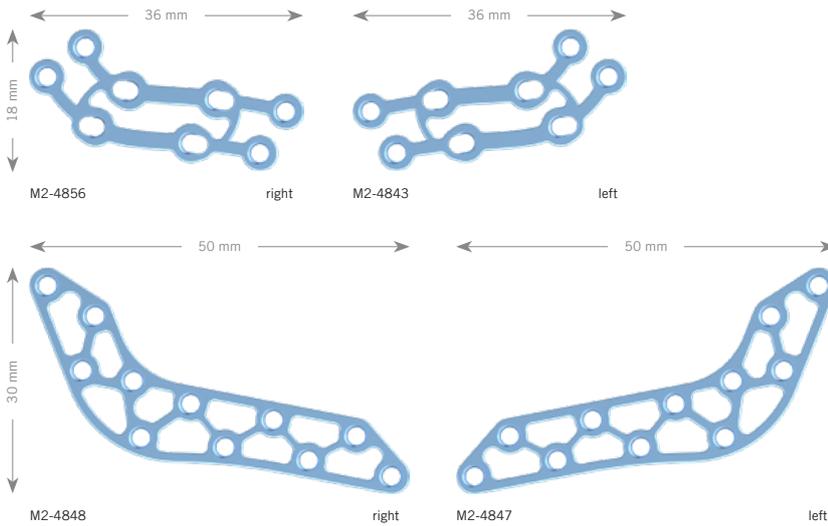
Material: Titanium (ASTM F67)  
Plate thickness: 1.0 mm



Art. No.	STERILE	Description	Holes	Pieces/Pkg
M2-4852	M2-4852S	TCP, trapezoid	4	1
M2-4854	M2-4854S	TCP, trapezoid, pre-shaped	4	1
M2-4860	M2-4860S	TCP, trapezoid, pre-shaped	9	1
M2-4894	M2-4894S	Delta Condyle Compression Plate	4	1

### Mandibular Angle Plates

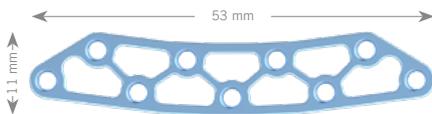
Material: Titanium (ASTM F67)  
Plate thickness: 1.0 mm



Art. No.	STERILE	Description	Holes	Pieces/Pkg
M2-4843	M2-4843S	left	8 (4+4)	1
M2-4847	M2-4847S	grid, left	11	1
M2-4848	M2-4848S	grid, right	11	1
M2-4856	M2-4856S	right	8 (4+4)	1

### Grid Median-Paramedian Plate

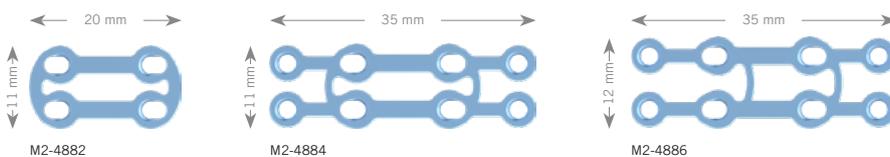
Material: Titanium (ASTM F67)  
Plate thickness: 1.0 mm



Art. No.	STERILE	Description	Holes	Pieces/Pkg
M2-4849	M2-4849S		9	1

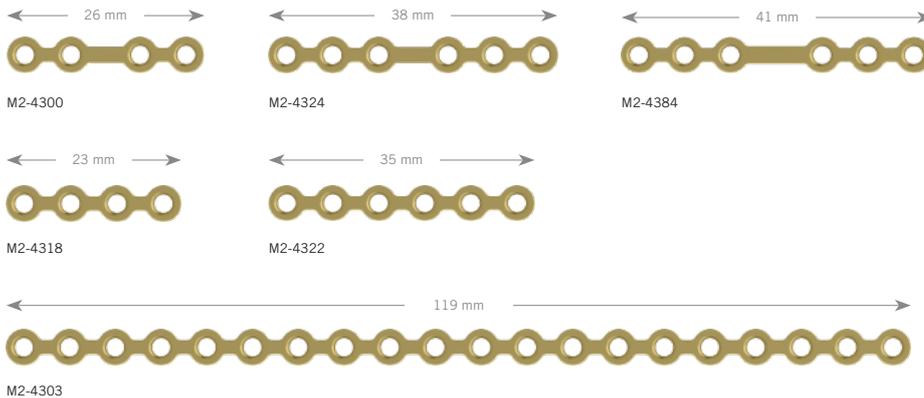
### Grid Compression Plates

Material: Titanium (ASTM F67)  
Plate thickness: 1.0 mm



Art. No.	STERILE	Description	Holes	Pieces/Pkg
M2-4882	M2-4882S		4 (2+2)	1
M2-4884	M2-4884S		8 (4+4)	1
M2-4886	M2-4886S	asymmetrical	8 (4+4)	1

## Straight Plates

Material: Titanium (ASTM F67)  
Plate thickness: 1.0 mm

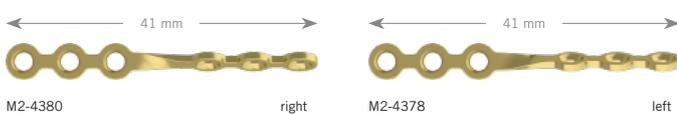
Art. No.	STERILE	Holes	Bar	Pieces/Pkg
M2-4300	M2-4300S	4	9 mm	1
M2-4303	M2-4303S	20		1
M2-4318	M2-4318S	4		1
M2-4322	M2-4322S	6		1
M2-4324	M2-4324S	6	9 mm	1
M2-4384	M2-4384S	6	12 mm	1

## Pencilbone Compression Plates

Material: Titanium (ASTM F67)  
Plate thickness: 1.0 mm

Art. No.	STERILE	Holes	Bar	Pieces/Pkg
M2-4390	M2-4390S	8	6 mm	1
M2-4392	M2-4392S	8	9 mm	1
M2-4394	M2-4394S	10	12 mm	1

## Mandible Plates, 70°

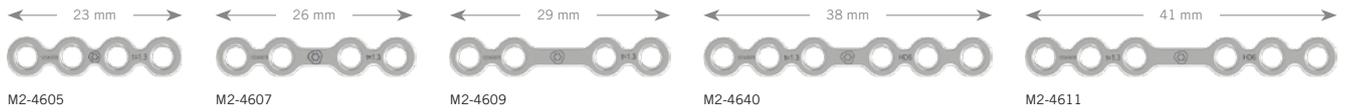
Material: Titanium (ASTM F67)  
Plate thickness: 1.0 mm

Art. No.	STERILE	Description	Holes	Bar	Pieces/Pkg
M2-4378	M2-4378S	left	6	9 mm	1
M2-4380	M2-4380S	right	6	9 mm	1

# Mandible Plates t = 1.3 mm

## TriLock Plates, Straight

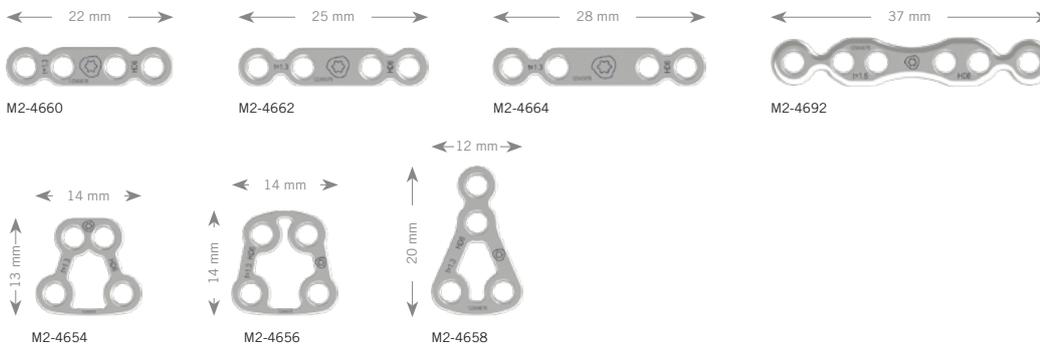
Material: Titanium (ASTM F67)  
Plate thickness: 1.3 mm



Art. No.	STERILE	Holes	Bar	Pieces/Pkg
M2-4605	M2-4605S	4		1
M2-4607	M2-4607S	4	9 mm	1
M2-4609	M2-4609S	4	12 mm	1
M2-4611	M2-4611S	6	12 mm	1
M2-4640	M2-4640S	6	9 mm	1

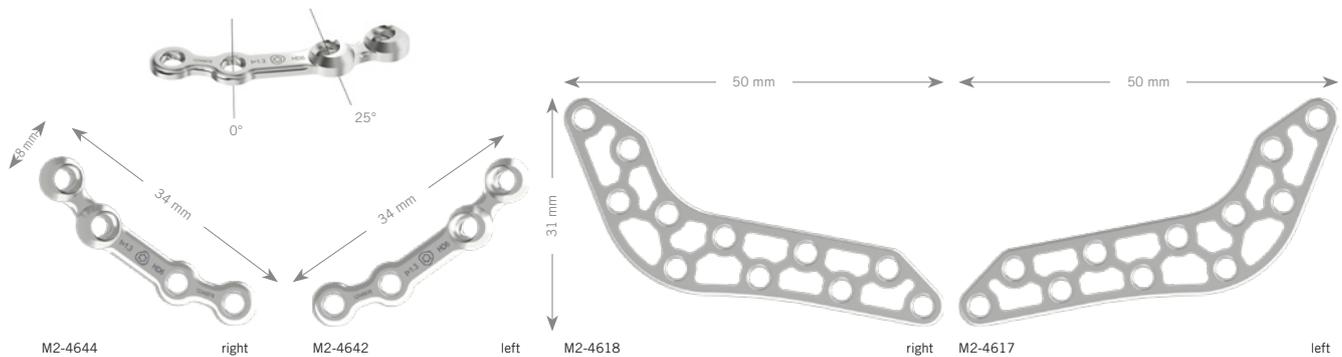
## TriLock Condyle Plates

Material: Titanium (ASTM F67)  
Plate thickness: 1.3 mm  
Plate thickness M2-4692: 1.5 mm



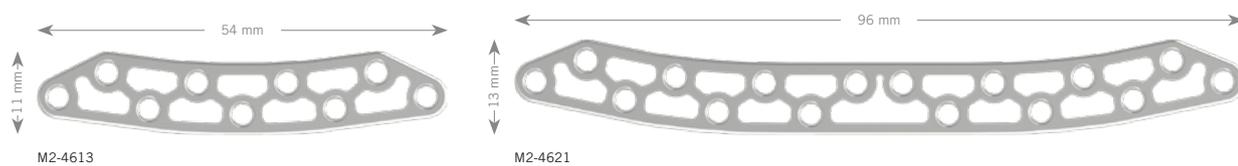
Art. No.	STERILE	Description	Holes	Bar	Pieces/Pkg
M2-4654	M2-4654S	TCP	4		1
M2-4656	M2-4656S	TCP, anatomical	4		1
M2-4658	M2-4658S	delta	4		1
M2-4660	M2-4660S		4	7 mm	1
M2-4662	M2-4662S		4	9 mm	1
M2-4664	M2-4664S		4	12 mm	1
M2-4692	M2-4692S	straight	6		1

## TriLock Mandibular Angle Plates

Material: Titanium (ASTM F67)  
Plate thickness: 1.3 mm

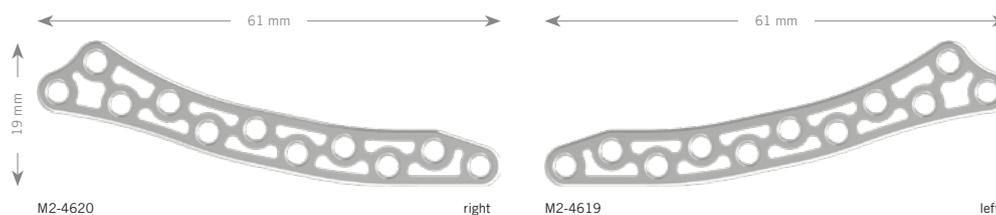
Art. No.	STERILE	Description	Holes	Pieces/Pkg
M2-4617	M2-4617S	Grid, left	11	1
M2-4618	M2-4618S	grid, right	11	1
M2-4642	M2-4642S	left	4	1
M2-4644	M2-4644S	right	4	1

## TriLock Median-Paramedian Plates, Grid

Material: Titanium (ASTM F67)  
Plate thickness: 1.3 mm

Art. No.	STERILE	Description	Holes	Pieces/Pkg
M2-4613	M2-4613S		9	1
M2-4621	M2-4621S		16	1

## TriLock Pencilbone Plates, Grid

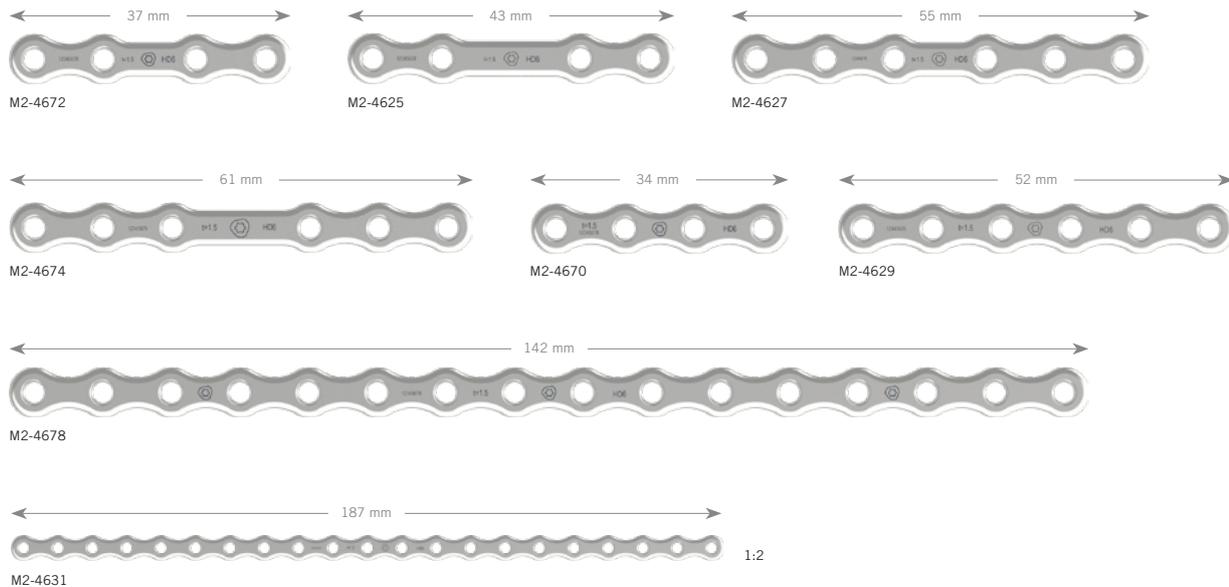
Material: Titanium (ASTM F67)  
Plate thickness: 1.3 mm

Art. No.	STERILE	Description	Holes	Pieces/Pkg
M2-4619	M2-4619S	left	11	1
M2-4620	M2-4620S	right	11	1

# Mandible Plates t = 1.5 mm

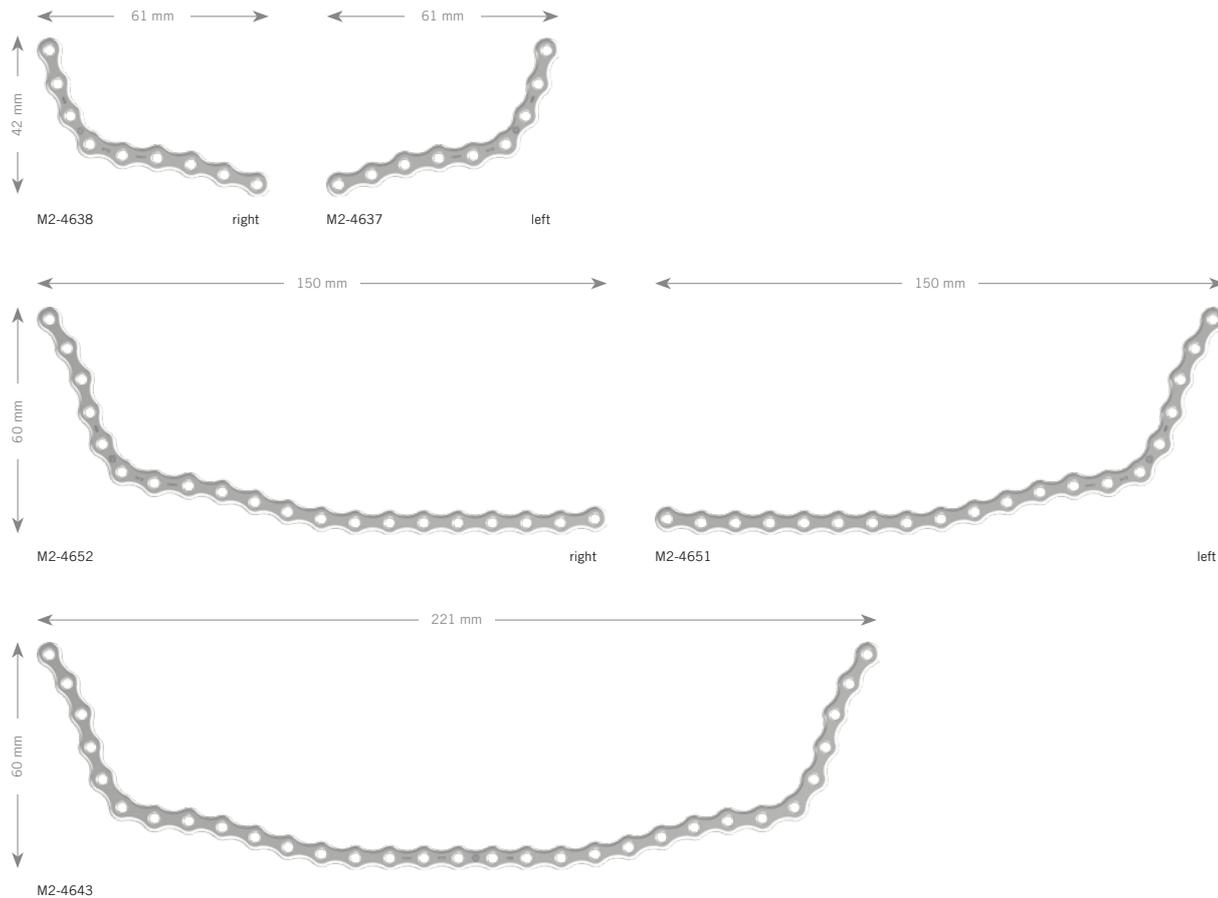
## TriLock Plates, Straight

Material: Titanium (ASTM F67)  
Plate thickness: 1.5 mm



Art. No.	STERILE	Holes	Bar	Pieces/Pkg
M2-4625	M2-4625S	4	18 mm	1
M2-4627	M2-4627S	6	12 mm	1
M2-4629	M2-4629S	6		1
M2-4631	M2-4631S	21		1
M2-4670	M2-4670S	4		1
M2-4672	M2-4672S	4	12 mm	1
M2-4674	M2-4674S	6	18 mm	1
M2-4678	M2-4678S	16		1

## TriLock Plates, Anatomical

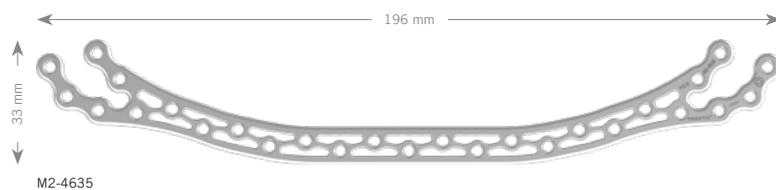
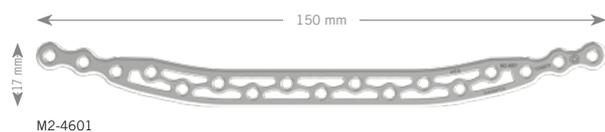
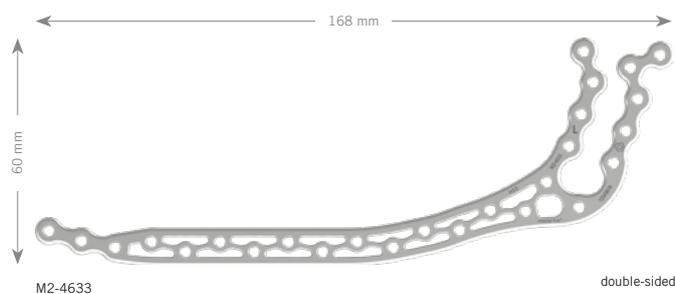
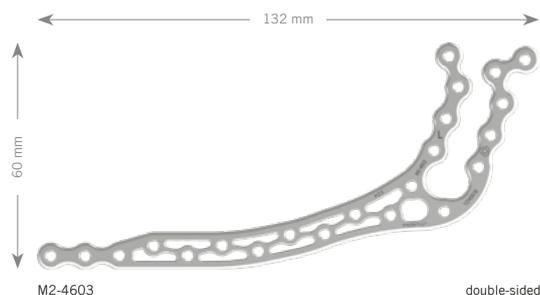
Material: Titanium (ASTM F67)  
Plate thickness: 1.5 mm

Art. No.	STERILE	Description	Holes	Pieces/Pkg
M2-4637	M2-4637S	left	9 (3+6)	1
M2-4638	M2-4638S	right	9 (3+6)	1
M2-4643	M2-4643S	LCL	31 (6+19+6)	1
M2-4651	M2-4651S	LC, left	20 (5+15)	1
M2-4652	M2-4652S	LC, right	20 (5+15)	1

# Mandible TriLock Plates t = 2.0 mm

## TriLock Bridging Plates

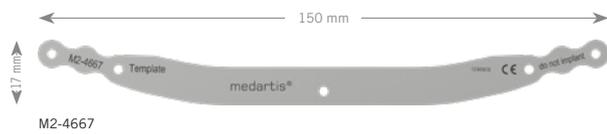
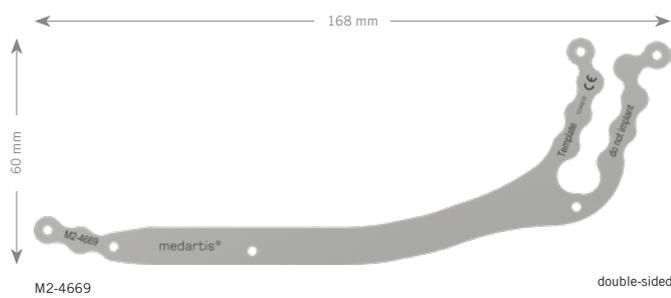
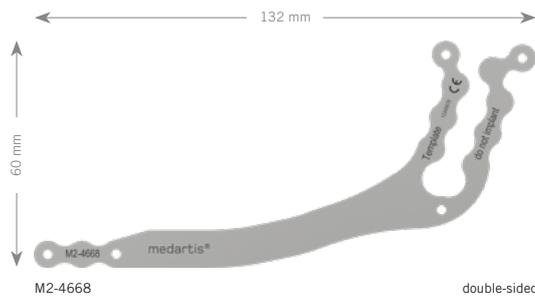
Material: Titanium (ASTM F67)  
Plate thickness: 2.0 mm



Art. No.	STERILE	Description	Holes	Pieces/Pkg
M2-4601	M2-4601S	C	17	1
M2-4603	M2-4603S	L/H, double-sided	22 (13+9)	1
M2-4633	M2-4633S	LC/HC, double-sided	26 (17+9)	1
M2-4635	M2-4635S	C, LCL	27 (5+17+5)	1

## Templates for TriLock Bridging Plates

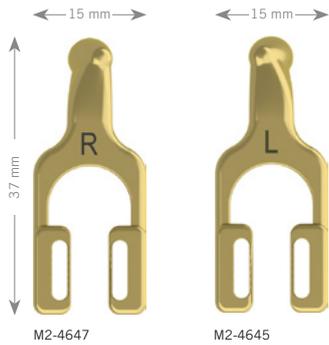
Material: Aluminum  
Plate thickness: 1.0 mm



Art. No.	Description	Holes	Pieces/Pkg
M2-4667	for M2-4601	5	1
M2-4668	for M2-4603, double-sided	5	1
M2-4669	for M2-4633, double-sided	6	1
M2-4671	for M2-4635	7	1

### Condylar Head Prostheses

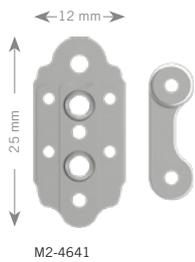
Material: Titanium (ASTM F67)



Art. No.	Description	Pieces/Pkg
M2-4645	left	1
M2-4647	right	1

### Carrier Element for Condylar Head Prostheses

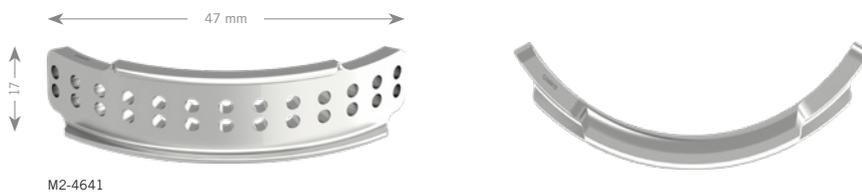
Material: Titanium (ASTM F67)



Art. No.	Description	Pieces/Pkg
M2-4641	for M2-4645 / M2-4647	1

## C-Adaption for Bridging Plate

Material: Titanium (ASTM F67)



Art. No.	STERILE	Description	Pieces/Pkg
M2-4639	M2-4639S	left	1

## Connecting Screws

Material: Titanium (ASTM F136)



Art. No.	STERILE	Description	Pieces/Pkg
M2-5268.05		for M2-4639 / M2-4641, HD6	2
	M2-5268.05S	for M2-4639 / M2-4641, HD6	1
M2-5269.06		for condylar head prostheses, HD6	2

### 2.0 Cortical Screws, HexaDrive 6

Material: Titanium alloy (ASTM F136)



Length	Art. No.	STERILE	Pieces/Pkg	Art. No.	Pieces/Pkg
4 mm	M2-5240.04/1	M2-5240.04/1S	1	M2-5240.04	5
5 mm	M2-5240.05/1	M2-5240.05/1S	1	M2-5240.05	5
6 mm	M2-5240.06/1	M2-5240.06/1S	1	M2-5240.06	5
7 mm	M2-5240.07/1	M2-5240.07/1S	1	M2-5240.07	5
8 mm	M2-5240.08/1	M2-5240.08/1S	1	M2-5240.08	5
9 mm	M2-5240.09/1	M2-5240.09/1S	1	M2-5240.09	5
11 mm	M2-5240.11/1	M2-5240.11/1S	1	M2-5240.11	5
13 mm	M2-5240.13/1	M2-5240.13/1S	1	M2-5240.13	5
15 mm	M2-5240.15/1	M2-5240.15/1S	1	M2-5240.15	5
17 mm	M2-5240.17/1	M2-5240.17/1S	1	M2-5240.17	5
19 mm	M2-5240.19/1	M2-5240.19/1S	1	M2-5240.19	5

### 2.0 SpeedTip Screws, Self-Drilling, HexaDrive 6

Material: Titanium alloy (ASTM F136)



Length	Art. No.	STERILE	Pieces/Pkg	Art. No.	Pieces/Pkg
5 mm	M2-5243.05/1	M2-5243.05/1S	1	M2-5243.05	5
6 mm	M2-5243.06/1	M2-5243.06/1S	1	M2-5243.06	5
7 mm	M2-5243.07/1	M2-5243.07/1S	1	M2-5243.07	5
8 mm	M2-5243.08/1	M2-5243.08/1S	1	M2-5243.08	5
9 mm	M2-5243.09/1	M2-5243.09/1S	1	M2-5243.09	5
11 mm	M2-5243.11/1	M2-5243.11/1S	1	M2-5243.11	5

### 2.0 TriLock SpeedTip Screws, Self-Drilling, HexaDrive 6

Material: Titanium alloy (ASTM F136)



Length	Art. No.	STERILE	Pieces/Pkg	Art. No.	Pieces/Pkg
6 mm	M2-5247.06/1	M2-5247.06/1S	1	M2-5247.06	5
7 mm	M2-5247.07/1	M2-5247.07/1S	1	M2-5247.07	5
8 mm	M2-5247.08/1	M2-5247.08/1S	1	M2-5247.08	5

### 2.0 TriLock Screws, HexaDrive 6

Material: Titanium alloy (ASTM F136)



Length	Art. No.	STERILE	Pieces/Pkg	Art. No.	Pieces/Pkg
5 mm	M2-5245.05/1	M2-5245.05/1S	1	M2-5245.05	5
6 mm	M2-5245.06/1	M2-5245.06/1S	1	M2-5245.06	5
7 mm	M2-5245.07/1	M2-5245.07/1S	1	M2-5245.07	5
8 mm	M2-5245.08/1	M2-5245.08/1S	1	M2-5245.08	5
9 mm	M2-5245.09/1	M2-5245.09/1S	1	M2-5245.09	5
11 mm	M2-5245.11/1	M2-5245.11/1S	1	M2-5245.11	5
13 mm	M2-5245.13/1	M2-5245.13/1S	1	M2-5245.13	5
15 mm	M2-5245.15/1	M2-5245.15/1S	1	M2-5245.15	5

## 2.3 Cortical Screws, HexaDrive 6

Material: Titanium alloy (ASTM F136)



Length	Art. No.	STERILE	Pieces/Pkg	Art. No.	Pieces/Pkg
5 mm	M2-5250.05/1	M2-5250.05/1S	1	M2-5250.05	5
6 mm	M2-5250.06/1	M2-5250.06/1S	1	M2-5250.06	5
7 mm	M2-5250.07/1	M2-5250.07/1S	1	M2-5250.07	5
8 mm	M2-5250.08/1	M2-5250.08/1S	1	M2-5250.08	5
9 mm	M2-5250.09/1	M2-5250.09/1S	1	M2-5250.09	5
11 mm	M2-5250.11/1	M2-5250.11/1S	1	M2-5250.11	5
13 mm	M2-5250.13/1	M2-5250.13/1S	1	M2-5250.13	5
15 mm	M2-5250.15/1	M2-5250.15/1S	1	M2-5250.15	5
17 mm	M2-5250.17/1	M2-5250.17/1S	1	M2-5250.17	5
19 mm	M2-5250.19/1	M2-5250.19/1S	1	M2-5250.19	5

## 2.3 TriLock Screws, HexaDrive 6

Material: Titanium alloy (ASTM F136)



Length	Art. No.	STERILE	Pieces/Pkg	Art. No.	Pieces/Pkg
7 mm	M2-5255.07/1	M2-5255.07/1S	1	M2-5255.07	5
8 mm	M2-5255.08/1	M2-5255.08/1S	1	M2-5255.08	5
9 mm	M2-5255.09/1	M2-5255.09/1S	1	M2-5255.09	5
11 mm	M2-5255.11/1	M2-5255.11/1S	1	M2-5255.11	5
13 mm	M2-5255.13/1	M2-5255.13/1S	1	M2-5255.13	5
15 mm	M2-5255.15/1	M2-5255.15/1S	1	M2-5255.15	5
17 mm	M2-5255.17/1	M2-5255.17/1S	1	M2-5255.17	5
19 mm	M2-5255.19/1	M2-5255.19/1S	1	M2-5255.19	5

## 2.5 TriLock Screws, HexaDrive 6

Material: Titanium alloy (ASTM F136)



Length	Art. No.	STERILE	Pieces/Pkg	Art. No.	Pieces/Pkg
7 mm	M2-5265.07/1	M2-5265.07/1S	1	M2-5265.07	5
8 mm	M2-5265.08/1	M2-5265.08/1S	1	M2-5265.08	5
9 mm	M2-5265.09/1	M2-5265.09/1S	1	M2-5265.09	5
11 mm	M2-5265.11/1	M2-5265.11/1S	1	M2-5265.11	5
13 mm	M2-5265.13/1	M2-5265.13/1S	1	M2-5265.13	5
15 mm	M2-5265.15/1	M2-5265.15/1S	1	M2-5265.15	5
17 mm	M2-5265.17/1	M2-5265.17/1S	1	M2-5265.17	5
19 mm	M2-5265.19/1	M2-5265.19/1S	1	M2-5265.19	5

### Twist Drills Ø 1.5 mm (Core Hole 2.0 Screws)



Art. No.	STERILE	Description	Stop	Length	Shaft End	Pieces/Pkg
M2-3119	M2-3119S		5 mm	35 mm	Dental	1
M2-3129	M2-3129S		5 mm	48 mm	Stryker J-Latch	1
M2-3139	M2-3139S		7 mm	37 mm	Dental	1
M2-3149	M2-3149S		7 mm	50 mm	Stryker J-Latch	1
M2-3159	M2-3159S		25 mm	55 mm	Dental	1
M2-3169	M2-3169S		25 mm	68 mm	Stryker J-Latch	1
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

### Twist Drills Ø 2.0 mm (Gliding Hole 2.0 Screws)



Art. No.	STERILE	Description	Stop	Length	Shaft End	Pieces/Pkg
M2-3156	M2-3156S		25 mm	55 mm	Dental	1
M2-3166	M2-3166S		25 mm	68 mm	Stryker J-Latch	1
M2-3296	M2-3296S	for drill guide M2-2198	25 mm	99 mm	Dental	1
M2-3306	M2-3306S	for drill guide M2-2198	25 mm	112 mm	Stryker J-Latch	1

## Twist Drills Ø 1.9 mm (Core Hole 2.3 Screws)



M2-3176



M2-3196



M2-3216



M2-3186



M2-3206



M2-3226

Art. No.	STERILE	Description	Stop	Length	Shaft End	Pieces/Pkg
M2-3176	M2-3176S		7 mm	37 mm	Dental	1
M2-3186	M2-3186S		7 mm	50 mm	Stryker J-Latch	1
M2-3196	M2-3196S		25 mm	55 mm	Dental	1
M2-3206	M2-3206S		25 mm	68 mm	Stryker J-Latch	1
M2-3216	M2-3216S	for drill guide M2-2198	25 mm	99 mm	Dental	1
M2-3226	M2-3226S	for drill guide M2-2198	25 mm	112 mm	Stryker J-Latch	1

## Twist Drills Ø 2.3 mm (Gliding Hole 2.3 Screws)



M2-3316



M2-3336



M2-3326



M2-3346

Art. No.	STERILE	Description	Stop	Length	Shaft End	Pieces/Pkg
M2-3316	M2-3316S	for drill guide M2-2198	25 mm	99 mm	Dental	1
M2-3326	M2-3326S	for drill guide M2-2198	25 mm	112 mm	Stryker J-Latch	1
M2-3336	M2-3336S		25 mm	55 mm	Dental	1
M2-3346	M2-3346S		25 mm	68 mm	Stryker J-Latch	1

### Twist Drill Ø 2.0 mm (Core Hole 2.5 Screws)



Art. No.	STERILE	Description	Stop	Length	Shaft End	Pieces/Pkg
M2-3236	M2-3236S		7 mm	37 mm	Dental	1
M2-3246	M2-3246S		7 mm	50 mm	Stryker J-Latch	1
M2-3256	M2-3256S		25 mm	55 mm	Dental	1
M2-3266	M2-3266S		25 mm	68 mm	Stryker J-Latch	1
M2-3276	M2-3276S	for drill guide M2-2198	25 mm	99 mm	Dental	1
M2-3286	M2-3286S	for drill guide M2-2198	25 mm	112 mm	Stryker J-Latch	1

### Drill Guide



Art. No.	Size	Length	Pieces/Pkg
M2-2198	2.0-2.5	122 mm	

### Depth Gauge



Art. No.	Size	Description	Length	Pieces/Pkg
M2-2260	2.0-2.5		160 mm	1
M2-2260.1	2.0-2.5	caliper for M2-2260 (spare part)	171 mm	1

### Screwdriver Handles



Art. No.	Description	Length	Pieces/Pkg
M2-2001	type 2 (hand driven small, AO coupling)	121 mm	1
M2-2040	type 3 (hand driven large, AO coupling)	115 mm	1

## Screwdriver Blade



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

## Plate and Screw Holding Forceps



M2-2009



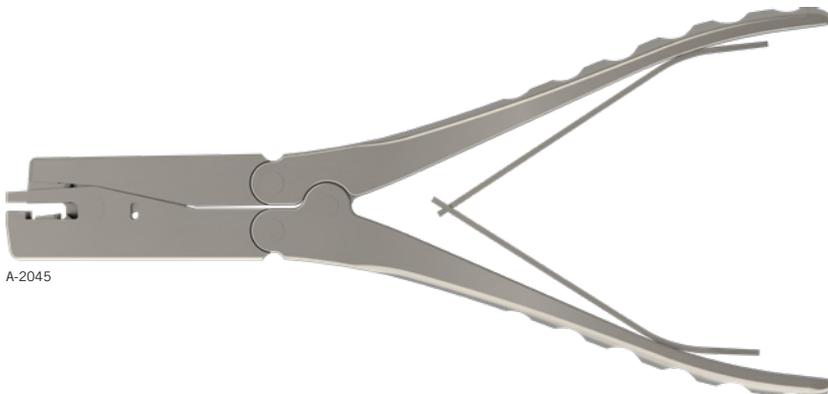
M2-2019

Art. No.	Description	Length	Pieces/Pkg
M-2009	angled, small	150 mm	1
M-2019	angled, large	200 mm	1

## Plate Cutting Pliers



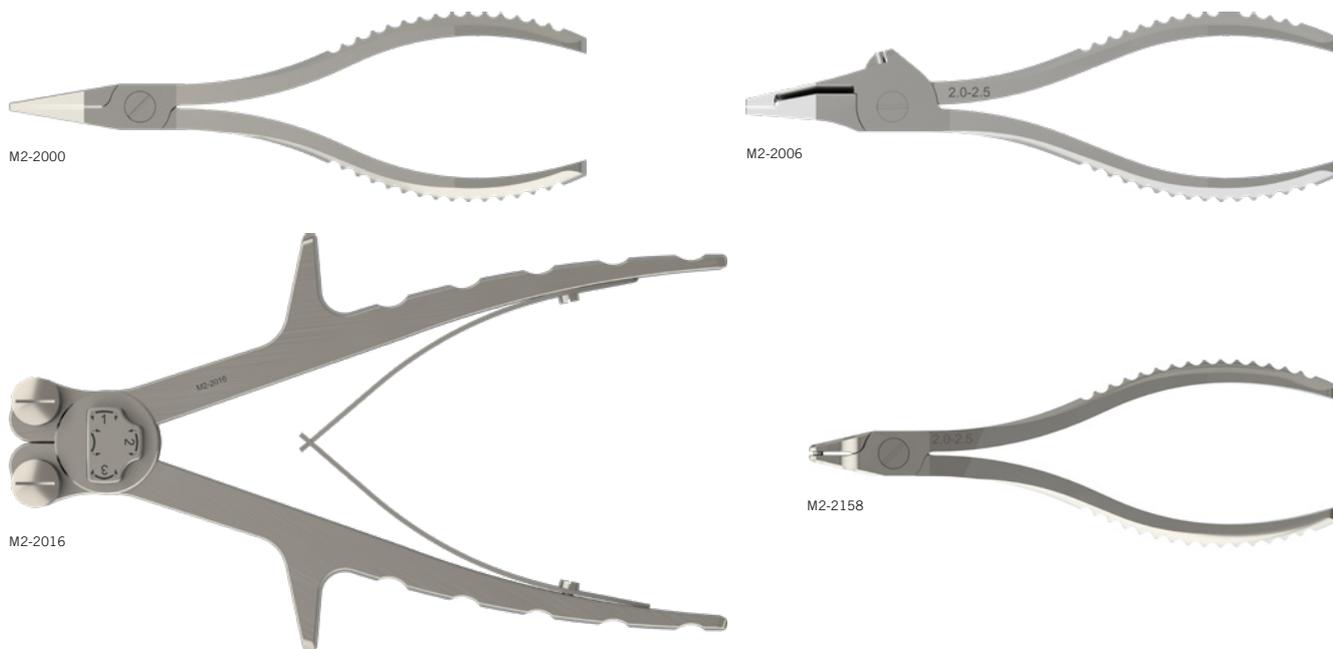
M2-2116



A-2045

Art. No.	Size	Description	Length	Pieces/Pkg
M2-2116		$t \leq 2.0$ mm	220 mm	1
A-2045	2.0–3.5		218 mm	1

### Bending Pliers



Art. No.	Size	Description	Length	Pieces/Pkg
M2-2000		flat	152 mm	1
M2-2006	2.0-2.5		156 mm	1
M2-2016	2.0-2.5	three-point bending pliers	189 mm	1
M2-2158	2.0-2.5	with pin	140 mm	1

### Ramus Plate Bending Instrument



Art. No.	Length	Pieces/Pkg
M2-2026	125 mm	1

### Temporary Locking Stopper



Art. No.	Length	Pieces/Pkg
M2-2007	24 mm	1

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