

# Universal Select



Legacy meets flexibility

# Universal Select

**A legacy of performance.**

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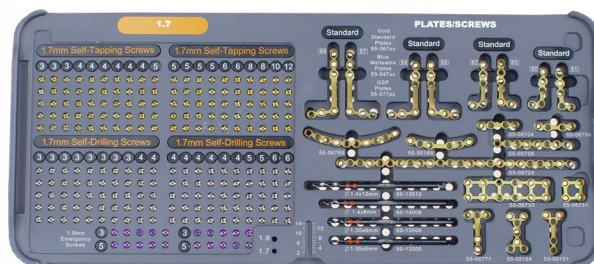
Our passion for quality, innovative technology, and delivering exceptional service spans more than half of a century. Crafted with a focus on fundamentals through relentless attention to detail, our products embody the spirit of Leibinger.

Since our inception, we have developed products based on your needs. Through close collaboration with surgeons from around the world, we have gained a reputation as a market leader in titanium fixation. Universal Select is no exception.

# System features

## Modular design

- Implants and instruments are designed for specific anatomical regions



## Color coding

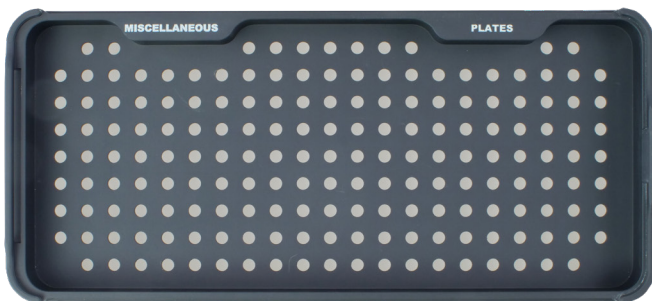
- Labels are located on the top and sides of modules for easy identification
- Instruments have corresponding coloring to simplify use in the OR



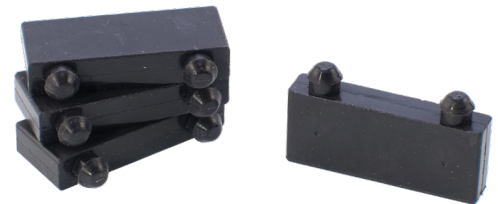
# System features

## Enhanced customization

- Personalize your plating set by combining implant, instrument, and accessory trays that best fit your needs
- Utilize interchangeable inlays to easily modify plate and screw combinations
- Build unique plate pockets with silicone wall inserts



**29-13940** - Miscellaneous plate module with lid



**29-13970** - Silicone wall

# System features

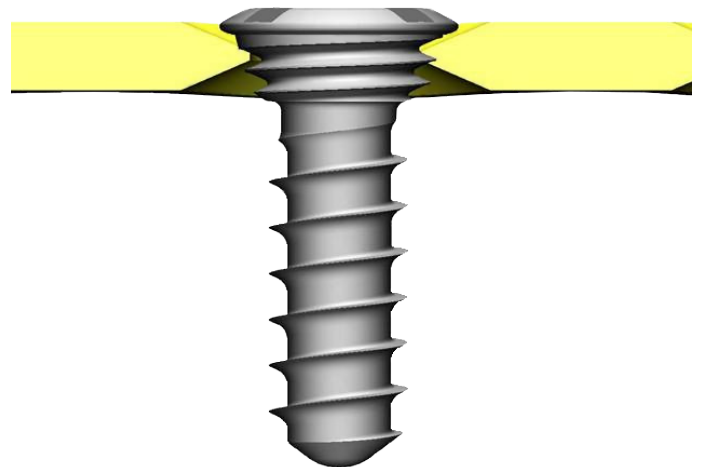


## 1.2/1.7mm AXS screws

- Improved off-axis stability during insertion<sup>1</sup>
- Lower profile height
- Improved screw pick-up performance<sup>1</sup>
- Improved insertion of self-drilling screws<sup>1</sup>

## SMARTLock technology

- Creates a rigid plate to screw construct, minimizing the risk of screw backout<sup>2</sup>
- Locking capability up to 10° of angulation in every direction<sup>3</sup>



# System features

## Reduced footprint

- A new, thinner design allows more plates and screws to fit in a smaller footprint
- Implant modules and instrument trays stack for simple transportation and sterilization
- Enhanced modularity allows for reduced weight



## Rigid sterilization

- Racks are designed to fit into rigid sterilization containers to eliminate the need for blue wrap



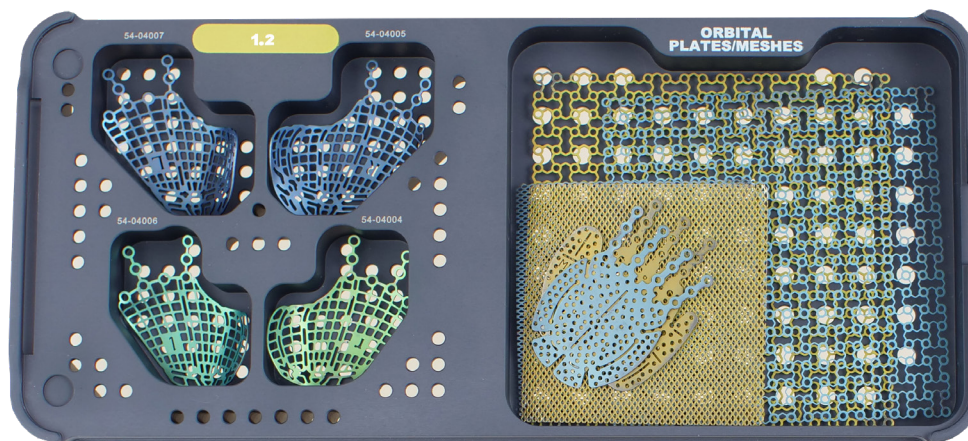
# 1.2mm Upper-Face fixation

## Modules



### 29-12900

1.2mm Upper-Face plate/screw module with lid



### 29-12901

1.2mm Orbital plate/mesh module with lid

#### Plate profile heights:

- Blue malleable - 0.5mm
- Gold standard - 0.6mm

#### Mesh profile heights:

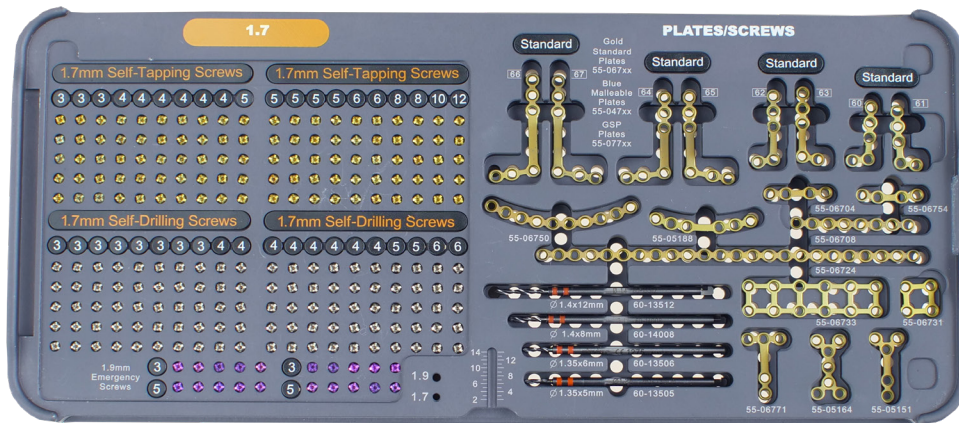
- Blue micro - 0.1mm
- Gold micro - 0.2mm
- Blue dynamic - 0.3mm
- Gold dynamic - 0.6mm

#### Orbital plate profile heights:

- Blue - 0.3mm
- Gold - 0.4mm
- 3D Orbital floor - 0.4mm

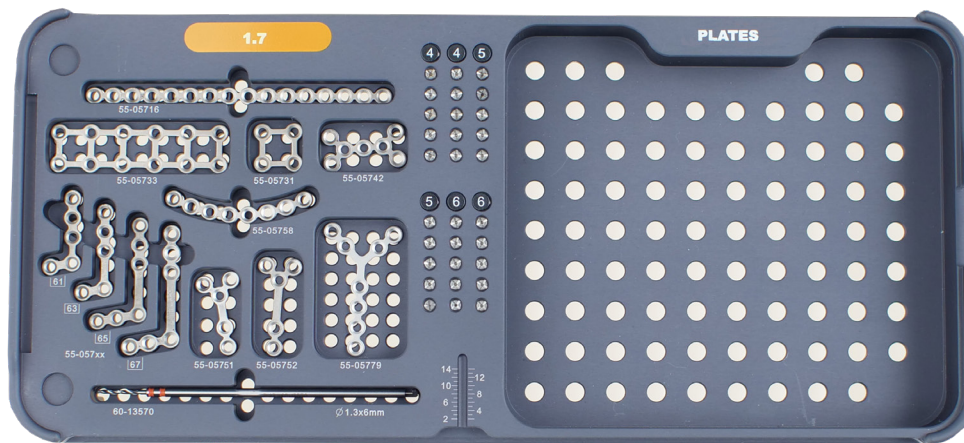
# 1.7mm Mid-Face fixation

## Modules



### 29-17900

1.7mm Mid-Face plate/screw module with lid



### 29-17901

1.7mm Mid-Face locking plate module with lid

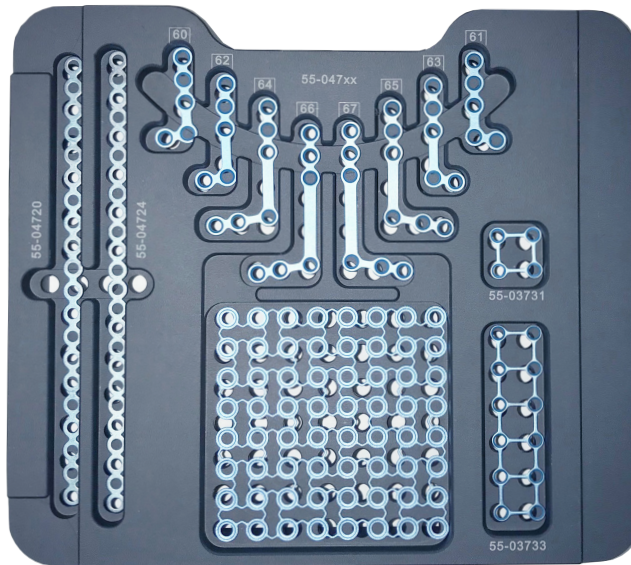
#### Plate profile heights:

- Gold standard - 0.6mm
- Silver locking - 0.8mm



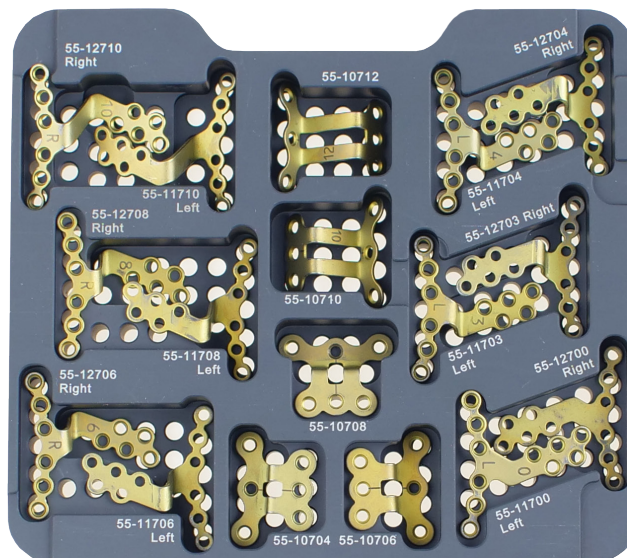
# 1.7mm Mid-Face fixation

## Inlays



### 29-17902

1.7mm Mid-Face malleable plate inlay (fits in 29-17901 and 29-13940)



### 29-17903

1.7mm Orthognathic plate inlay (fits in 29-17901 and 29-13940)

#### Plate profile heights:

- Blue malleable - 0.5mm

#### Orthognathic plate profile heights:

- Pre-bent chin - 0.6mm
- Pre-bent Le Fort - 0.9mm

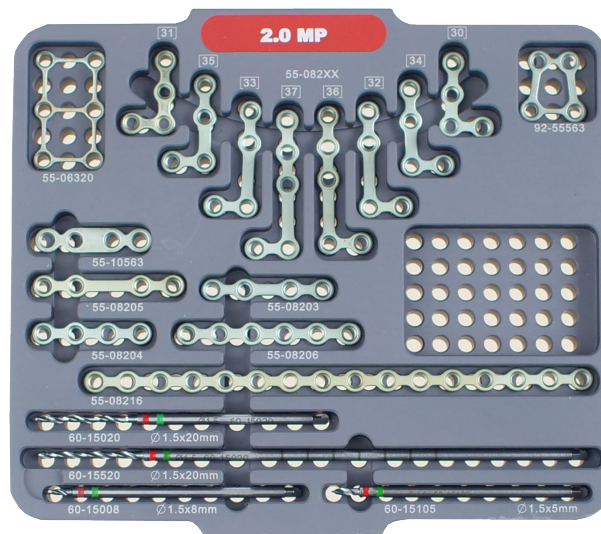
# 2.0mm Mini-Plating fixation

## Modules and inlays



### 29-20903

2.0mm MP plate/screw module with lid



### 29-20904

2.0mm MP standard plate inlay - small (fits in 29-20903)

#### Plate profile heights:

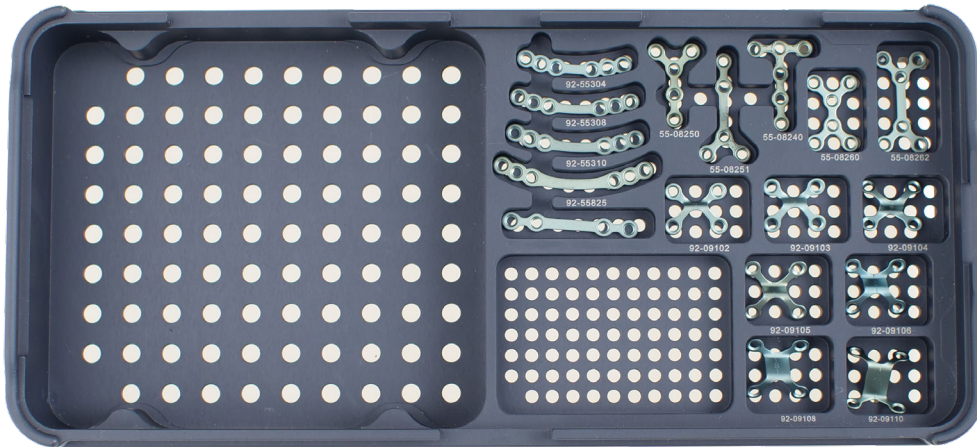
- 3D - 0.6mm
- Steinhäuser - 0.8mm
- Würzburg - 1.0mm

#### Orthognathic plate profile heights:

- Pre-bent chin - 0.6mm
- Sagittal split - 1.0mm

# 2.0mm Mini-Plating fixation

## Modules



### 29-20901

2.0mm MP plate module with lid



### 29-20900

2.0mm MP screw module with lid

#### Plate profile heights:

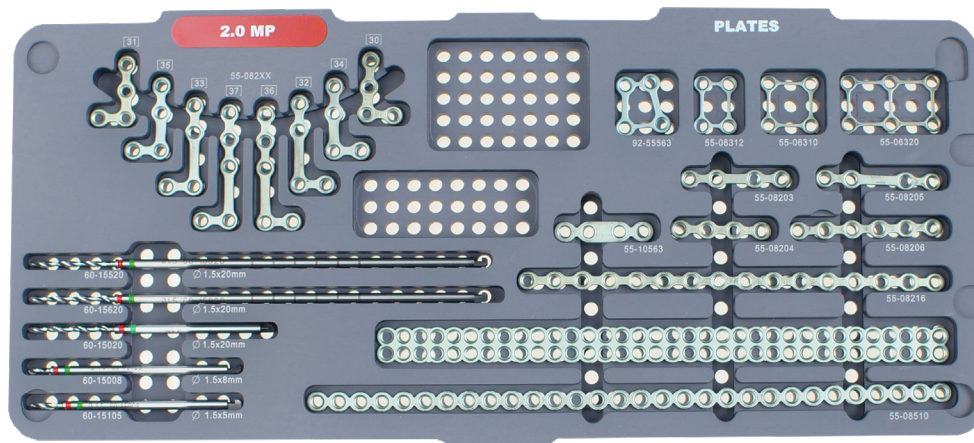
- Steinhäuser - 0.8mm
- Würzburg - 1.0mm

#### Orthognathic plate profile heights:

- Pre-bent chin - 0.6mm
- Sagittal split - 1.0mm

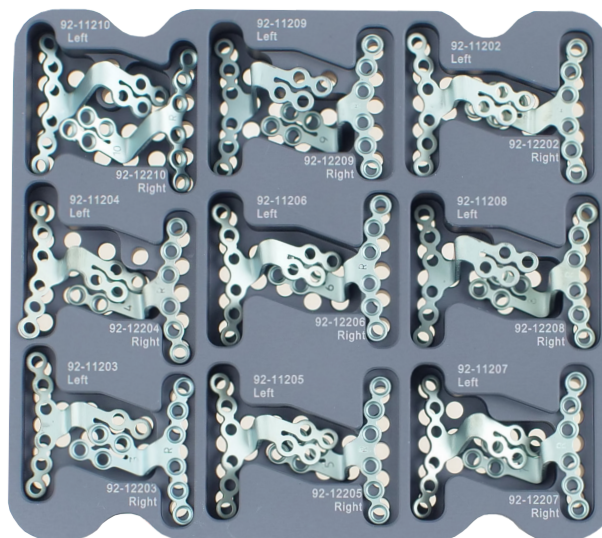
# 2.0mm Mini-Plating fixation

## Inlays



### 29-20902

2.0mm MP standard plate inlay - large (fits in 29-20901)



### 29-20905

2.0mm MP pre-bent Le Fort plate inlay (fits in 29-20901)

#### Plate profile heights:

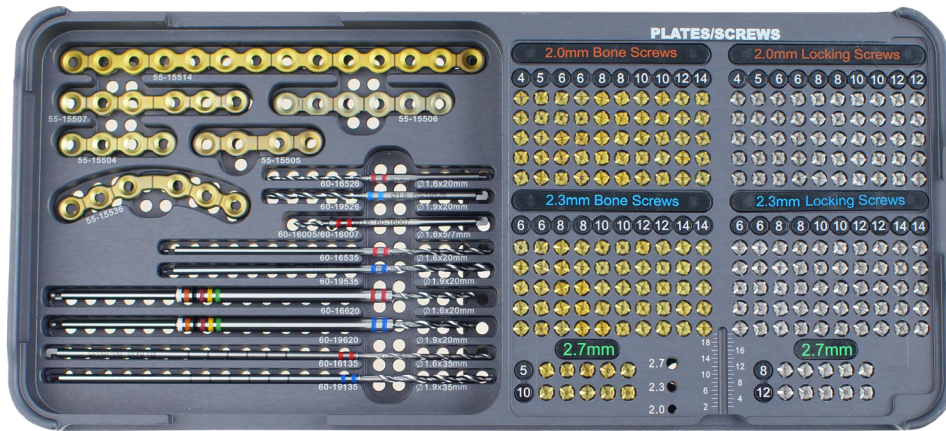
- 3D - 0.6mm
- Steinhäuser - 0.8mm
- Würzburg - 1.0mm

#### Orthognathic plate profile heights:

- Pre-bent chin - 0.6mm
- Pre-bent Le Fort - 1.0mm
- Sagittal split - 1.0mm

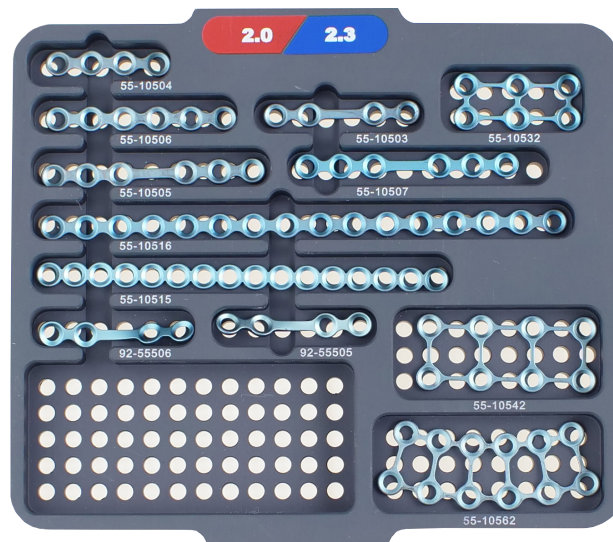
# 2.0/2.3mm Mandible fracture

## Modules and inlays



**29-23905**

2.0/2.3mm Mandible fracture plate/screw module with lid



**29-23906**

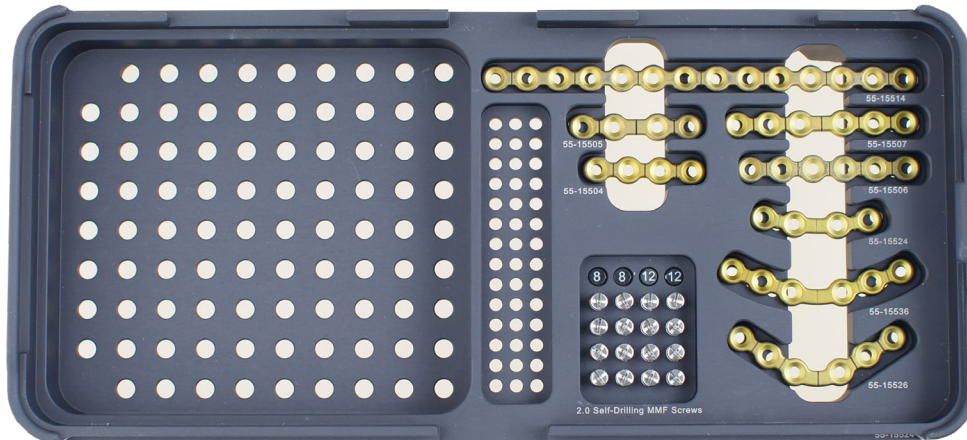
2.0/2.3mm Mini plate inlay - small (fits in 29-23905)

### Plate profile heights:

- Blue mini - 1.0mm
- Gold fracture - 1.5mm

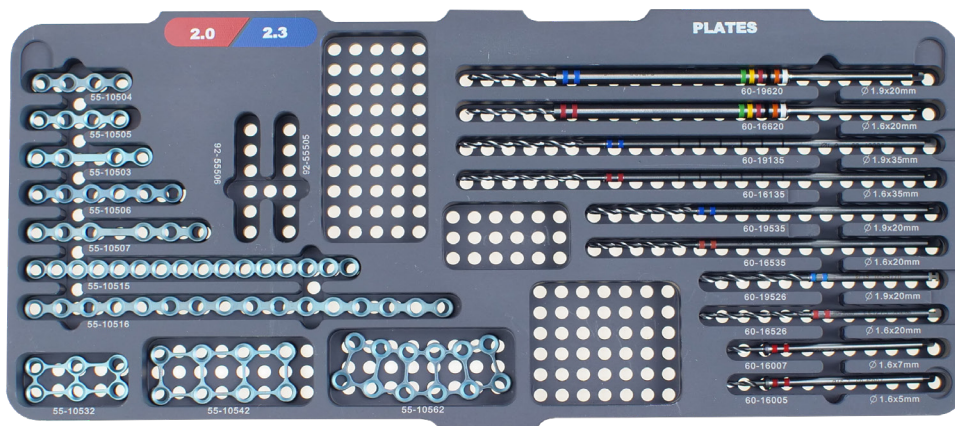
# 2.0/2.3mm Mandible fracture

## Modules and inlays



**29-23901**

2.0/2.3mm Mandible fracture plate module with lid



**29-23902**

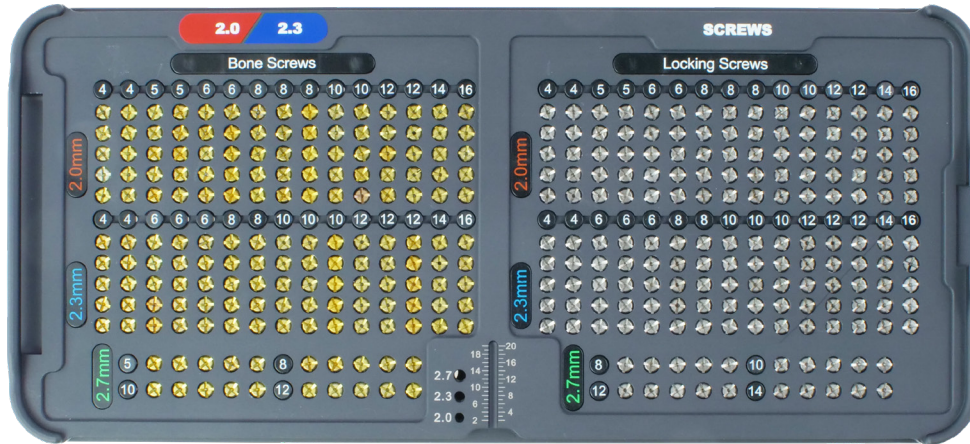
2.0/2.3mm Mini plate inlay - large (fits in 29-23901)

### Plate profile heights:

- Blue mini - 1.0mm
- Gold fracture - 1.5mm

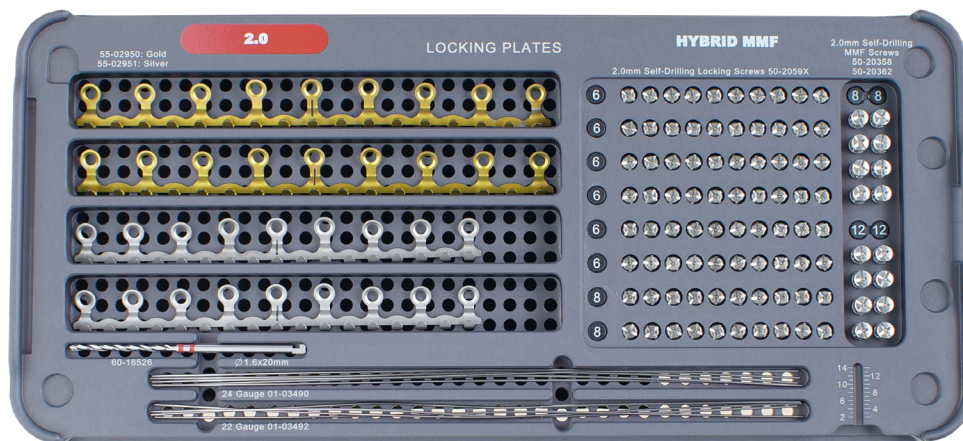
# 2.0/2.3mm Mandible fracture

## Modules



**29-23900**

2.0/2.3mm Mandible screw module with lid



**29-23907**

SMARTLock Hybrid MMF plate/screw module with lid

# 2.0/2.3mm Mandible reconstruction

## Modules and inlays



**29-23903**

2.0/2.3mm Mandible reconstruction plate module with lid



**29-23904**

2.0/2.3mm Mandible reconstruction plate inlay (fits in 29-23903)

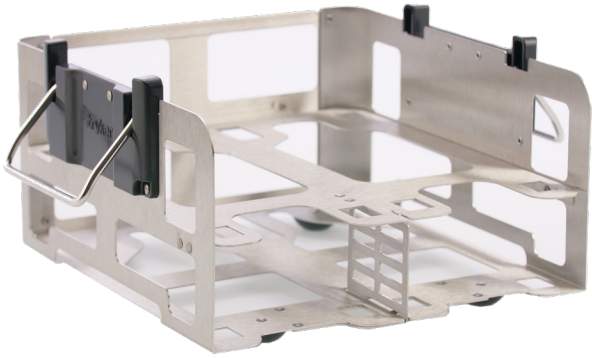
### Reconstruction plate profile heights:

- Gold primary - 1.5mm
- Silver secondary - 2.8mm

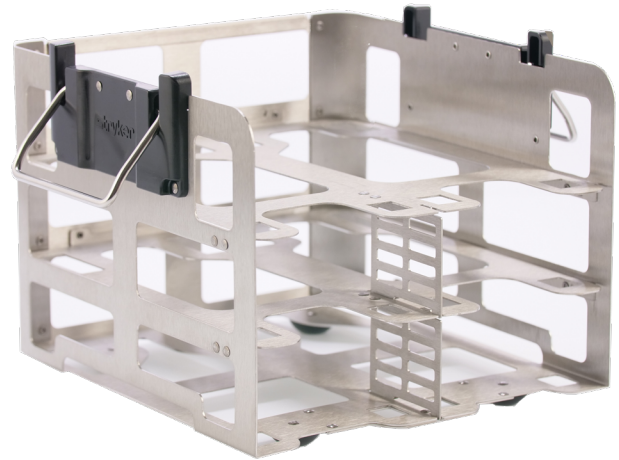


# Accessories

## Racks



**29-13900**  
Two-level rack



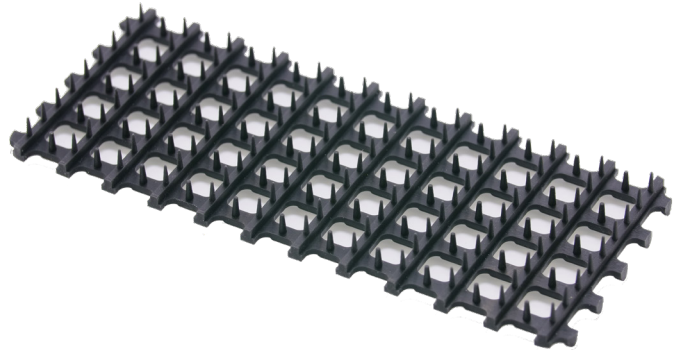
**29-13910**  
Three-level rack

## Tray



**29-13920**  
Quarter-size accessory tray

## Mat



**29-13922**  
Quarter-size silicone mat for  
accessory tray

\*Not all accessories are pictured

# Accessories

## Lids



**29-13941**  
Quarter-size lid for implant module



**29-13921**  
Quarter-size lid for accessory tray

## Rigid sterile containers



**JK344**  
Half-size for 2-level rack



**JK444**  
Full-size for 2-level rack

\*Additional container sizes available

# Ordering information

## Accessories and Generic parts

29-13900	2-level rack
29-13910	3-level rack
29-13920	Quarter-size accessory tray
29-13930	Half-size accessory tray
29-13921	Quarter-size lid for accessory tray
29-13931	Half-size lid for accessory tray
29-13922	Quarter-size silicone mat for accessory tray
29-13932	Half-size silicone mat for accessory tray
29-13941	Quarter-size lid for implant module
29-13940	Miscellaneous plate module w/ lid
29-13970	Silicone wall (package of 5)

## Instrument Trays

29-13901	Upper/Mid-Face instrument tray
29-13902	Orbital floor instrument tray
29-13903	MP instrument tray
29-13904	Mandible fracture instrument tray
29-13905	Trocar system instrument tray
29-13906	Mandible reconstruction instrument tray
29-13907	3-in-1 mandible reconstruction bender instrument tray
29-13908	SMARTLock Hybrid MMF instrument tray
29-13909	Right angled screwdriver tray

## 1.2mm Upper-Face Implant system

29-12900	1.2 Upper-Face plate/screw module w/ lid
29-12901	1.2 Orbital plate/mesh module w/ lid

## 1.7mm Mid-Face Implant system

29-17900	1.7 Mid-Face plate/screw module w/ lid
29-17901	1.7 Mid-Face locking plate module w/ lid
29-17902	1.7 Mid-Face malleable plate inlay
29-17903	1.7 Orthognathic plate inlay

## 2.0mm Mini-Plating Implant system

29-20900	2.0 MP screw module w/ lid
29-20901	2.0 MP plate module w/ lid
29-20902	2.0 MP standard plate inlay, large
29-20903	2.0 MP plate/screw module w/ lid
29-20904	2.0 MP standard plate inlay, small
29-20905	2.0 MP Le Fort plate inlay

## 2.0/2.3mm Mandible Implant system

29-23900	2.0/2.3 Mandible screw module w/ lid
29-23901	2.0/2.3 Mandible plate module w/ lid
29-23902	2.0/2.3 Mini plate inlay, large
29-23903	2.0/2.3 Mandible reconstruction plate module w/ lid
29-23904	2.0/2.3 Mandible reconstruction plate inlay
29-23905	2.0/2.3 Mandible plate/screw module w/ lid
29-23906	2.0/2.3 Mini-Plating plate inlay, small
29-23907	SMARTLock Hybrid MMF plate/screw module w/ lid

## Aesculap rigid containers

JK340	Half-size for single level
JK344	Half-size for 2-level rack
JK346	Half-size for 3-level rack
JK440	Full-size for single level
JK444	Full-size for 2-level rack
JK446	Full-size for 3-level rack
JN340	Half-size w/ perforated bottom for single level
JN344	Half-size w/ perforated bottom for 2-level rack
JN346	Half-size w/ perforated bottom for 3-level rack
JN440	Full-size w/ perforated bottom for single level
JN444	Full-size w/ perforated bottom for 2-level rack
JN446	Full-size w/ perforated bottom for 3-level rack

## Aesculap accessories

JK388	Half-size lid
JK488	Full-size lid
JK378A	Half-size cover
JK478A	Full-size cover
JF113R	Half-size wire basket
JF223R	Full-size wire basket
JF117R	Half-size wire basket lid
JF227R	Full-size wire basket lid
JF146R	Small micro tray w/ lid
JF148R	Medium micro tray w/ lid
JF147R	Large micro tray w/ lid
JF945	Half-basket silicone mat
JF949	Full-basket silicone mat
US900	Blue sterilization locks
US994	Round filter w/o indicator
MD301	Full-size lifting platform - 4" deep
MD346	Process indicator card
US906	Orange steam sterilization locks

## Craniomaxillofacial

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### References:

- 1: Product performance references: K172572 - Performance Testing. End User Test
- 2: Knott, P.D., et al. "Evaluation of Hardware-Related Complications in Vascularized Bone Grafts with Locking Mandibular Reconstruction Plate Fixation". Arch Otolaryngol Head Neck Surg. 2007 Dec; 133(2): 1302-6.
- 3: TI2124 White Paper

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