

stryker®

Craniomaxillofacial



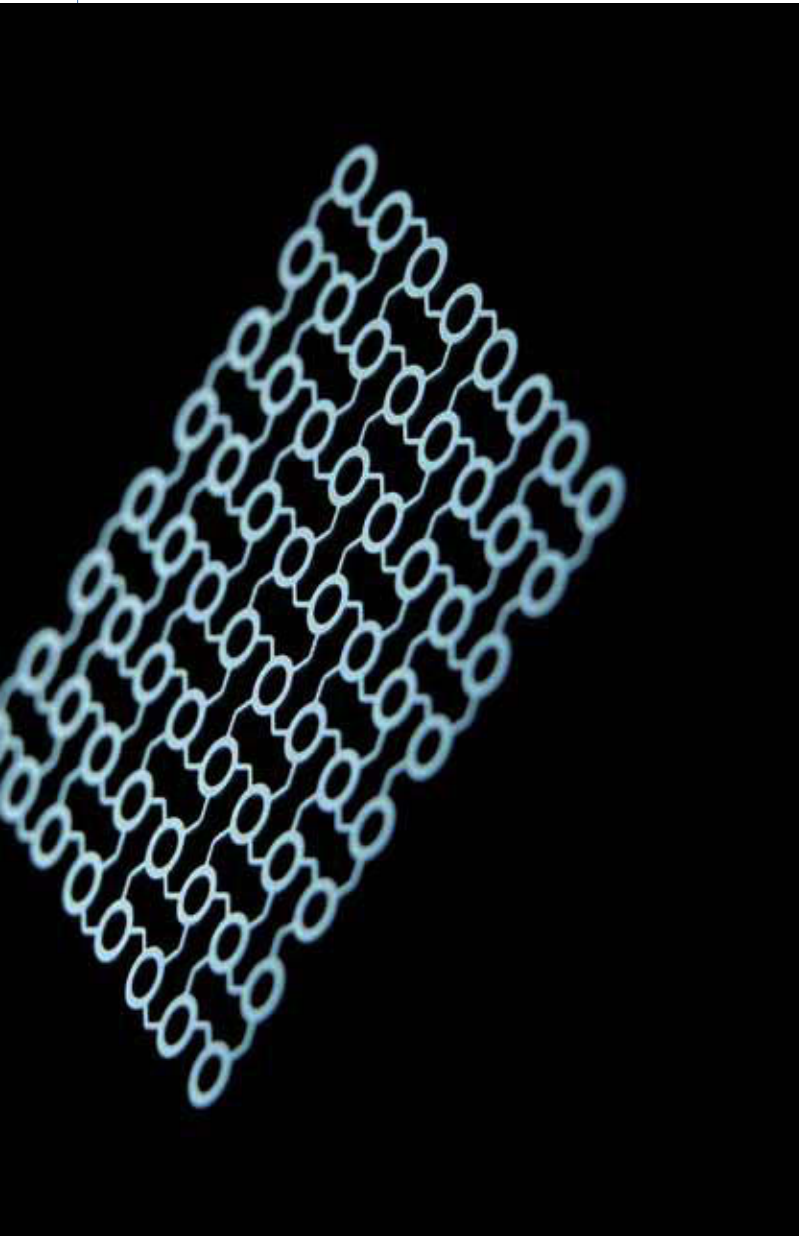
Leibinger

Universal 2
Reference Guide

In Pursuit of Perfection

Leibinger

We take the work seriously, for in the end, we help make a difference in people's lives.



Products embodying innovation and quality have been the foundation of the Stryker and the Leibinger reputations. To be successful, each product must not only provide a solution to the clinical need.

Stryker is one of the pre-eminent medical products and services companies in the world. Our focus is on the fundamentals and a relentless attention to detail of not only design and manufacture, but also of application and outcomes. The output of our work helps support the skills and talents of the medical profession. And because of this we set our standards high and work to surpass our own ambitious goals.

Since our inception, Stryker has developed products based on the expressed needs of leading practitioners. Our products are derived from a close working partnership with surgeons, physicians and healthcare experts from the entire spectrum of the healthcare field. That has been at the root of success for nearly eight decades and will help continue to foster success into the future.

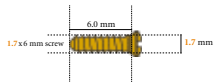
Stryker Support for Continuing Education

Stryker CMF is committed to furthering the science of craniomaxillofacial medicine by advancing medical knowledge. Everything we hope to achieve for patients relies on the skills and experience of the medical professionals who use our products. We believe it is our obligation to assist in furthering the understanding of CMF medicine among medical students, nurses, residents, and practicing surgeons.

A partner
in creating
the Future
of CMF
Medicine



Legend



The Measurement of the Screws

Screw length definition refers to the length of the thread only



The Plates

All plates are depicted in actual size

55-06704

Order Numbers

Order No. Non-Sterile Product (black)



Universal Features

SmartLock Locking Screw Technology for angled screw insertion



Graduated Stability Plates, 100° L-Plates increasing stability depending on plate length



Screw Options

Self-Drilling, Self-Tapping and Locking Screws



Malleable Plates - low profile (blue)

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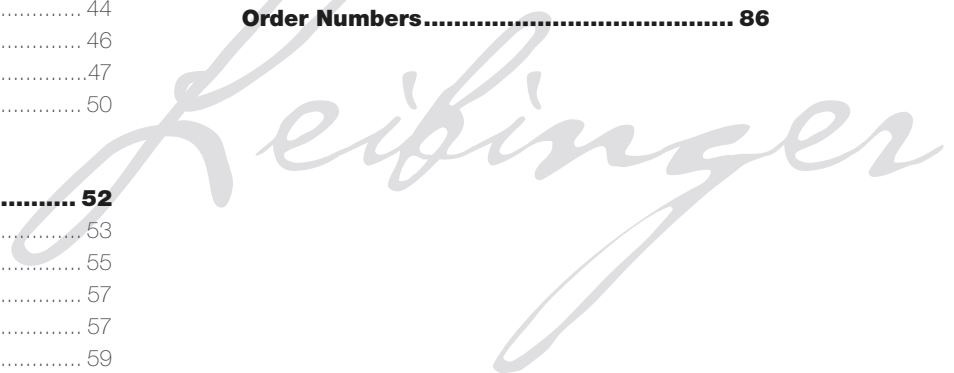
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Leibinger Universal 2

A Universal Concept For Craniomaxillofacial Surgery

The Leibinger Universal 2 System is a comprehensive Craniomaxillofacial plating system, which includes a wide selection of high quality implants for bone fixation for Craniomaxillofacial fractures, orthognatic and reconstructive surgery.

Due to its modular concept the balance between a comprehensive offering – traditionally requiring large and complex systems – and a solution for specific indications only, often compromising the options at hand, can more easily be achieved.

The modules themselves can be customized based on specific needs and preferences. Furthermore, the color-coding of modules and instruments allows for easy size recognition.

Universal Features

SmartLock Poly-Axial Locking Screw Technology

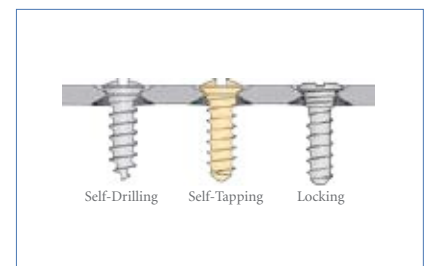
- Encourages a locked screw to plate interface, thereby reducing the risk of hardware related complications caused by loose screws*
- One-Step locking screws with a locking capability up to 10 degrees of angulation in every direction for Mid-Face and Mandible Locking Plates
- Polyaxial Drill Guides allow pilot holes to be drilled with an angulation of up to 10 degrees in every direction when used with Locking Plates

* 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 (12): 1302-6.



Smart Implant Design

- SmartLock Technology accommodates fixation of plates with multiple screw designs, i.e. self-drilling, self-tapping or locking screws



Malleable Easy-to-Contour Plates

- These easy-to-contour Malleable Low Profile Plates can be used for the management of small bone fragments in non-load bearing regions of the skull
- Malleable Plates can be bent by hand



GSP Graduated Stability Plates

- The Graduated Stability Plates offer a progressive level of strength with increasing bar length
- The shorter plates used for limited advancements are malleable for ease of use
- The longer plates used for extensive advancements provide a rigidity required for stable fixation



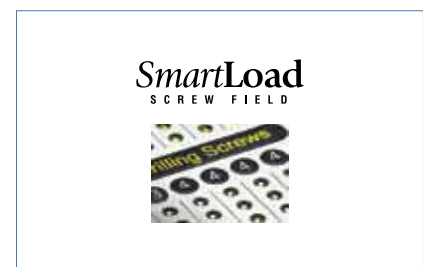
Universal Cross-Pin Screw Head Design

- All neutral, self-drilling, locking and lag screws have the Cross-Pin head design which combines the potential advantages of:
 - Friction fit
 - Axial guidance
 - Torque transmission



SmartLoad Screw Delivery Fields

- The screw field design features a recessed screw hole that facilitates loading of the screw by guiding the tip of the screwdriver blade into the head of the screw
- Customizable screw length and screw type markers allow for storage of popular screw sizes and designs



The Leibinger Universal 2 Implant Modules

The Leibinger Universal 2 System represents the next generation of bone fixation for Craniomaxillofacial fractures, orthognathic and reconstructive needs.

1.2mm Upper-Face Fixation Module

Applications

- Trauma
 - Cranial vault fractures
 - Orbital rim fractures
 - Frontal sinus fractures
 - Naso-orbital-ethmoidal fractures
- Reconstruction of bony defects and deformities
 - Cranial vault
 - Bone graft fixation
 - Orbital region
 - Zygomatic region
 - Dento-alveolar region



Features

- Malleable Low Profile plates (blue) for Micro applications, easy to adapt by hand
- Standard plates (gold) offer slightly more stability
- Choice of 1.2mm self-drilling and self-tapping screws

1.7mm Mid-Face Fixation Module

Applications

- Trauma
 - Le Fort I, II, III fractures
 - Zygomatic fractures
 - Naso-orbital-ethmoidal fractures
 - Cranial vault trauma
- Reconstruction of bony defects and deformities
 - Le Fort I, II, III levels
 - Maxilla
 - Orbital region
 - Zygomatic complex
 - Cranial vault



Features

- Comprehensive selection of Malleable (blue) and Standard (gold) plates
- Mid-Face locking plates (grey) that accommodate all 1.7mm screws
- Choice of 1.7mm self-drilling, self-tapping and locking screws
- Universal screwdriver for all 1.7mm and 1.2mm screws

2.0mm MP Mini Plating Module

Applications

- Craniofacial fractures
- Orthognathics Mid-face /Mandible
- Genioplasty fixation
- Sagittal split osteotomy fixation



Features

- Comprehensive selection of Würzburg and Steinhäuser type plates
- Choice of 2.0mm MP self-drilling and self-tapping screws
- Implant module is available in both full and half sizes

1.7/2.0/2.3mm Orthognathic Fixation Module

Applications

- 1.7mm Indications
 - Le Fort I, II, III osteotomy fixation
 - Genioplasty fixation
 - Dento-alveolar osteotomy fixation
 - Bone graft fixation
- 2.0/2.3 mm Indications
 - Sagittal split osteotomy fixation



Features 1.7mm

- Four different L-plate types: Standard (gold), Malleable (blue), GSP (gold, marked "G") and Locking (grey)
- Pre-bent maxillary advancement plates
- Choice of 1.7mm self-drilling, self-tapping and locking screws

Features 2.0/2.3mm

- Sagittal split osteotomy plates to be used with locking or neutral screws
- Dedicated orthognathic trocar system

2.0/2.3mm Mandible Fixation Module

Applications

- 2.0mm Mini Plate Indications
 - Mandibular fracture osteosynthesis
 - Sagittal split osteotomy fixation
- 2.0/2.3mm Fracture Plate Indications
 - Simple, multiple, oblique and comminuted fractures of:
 - Symphysis and parasymphysis
 - Mandibular body
 - Mandibular angle



Features

- Half size module for low profile Mini and 3-D plates (blue) as well as Fracture and Compression plates (gold)
- Mini and Mandible fracture plates are compatible with the multidirectional locking and neutral screws
- Universal screwdriver for 2.0 and 2.3mm screws

The Leibinger Universal 2 Implant Modules

2.0/2.3mm Mandible Fracture Module

Applications

- 2.0mm Mini Plate Indications
 - Mandibular fracture osteosynthesis
 - Sagittal split osteotomy fixation
- 2.0/2.3mm Fracture Plate Indications
 - Simple, multiple, oblique and comminuted fractures of:
 - Symphysis and parasymphysis
 - Mandibular body
 - Mandibular angle



Features

- Full size module for low profile Mini and 3-D plates (blue) as well as Fracture and Compression plates (gold)
- Fracture plates (gold) have laser etchings across top of the plate to aid in top/bottom orientation
- Mini and Mandible Fracture plates are compatible with the multidirectional locking and neutral screws
- Universal screwdriver for 2.0 and 2.3mm screws
- MMF self-drilling screws available

2.0/2.3mm Mandibular Reconstruction Module

Applications

- Primary Recon Plate Indications
 - Fixation of microvascular grafts in a single step reconstruction after resection
 - Comminuted mandibular fracture fixation
- Recon Plate Indications
 - Continuity defect bridging after resection of a tumor, osteomyelitis or osteoradionecrosis and the fixation of microvascular or non-vascularised grafts in a primary reconstruction
 - Continuity defect bridging prior to secondary reconstruction
 - Fixation of comminuted mandibular fractures or defects associated with severe trauma



Features

- One single screw head design for all screw diameters 2.0, 2.3 and 2.7mm
- Plates accommodate multiple screw diameters and designs
- Pre-contoured reconstruction plates
- Dedicated low profile plates for primary reconstruction

2.0mm Lag Screw Module

Applications

- 2.0mm diameter screws available in 30, 33, 36, 39 and 42mm lengths for lag screw fixation of mandibular and condylar fractures and osteotomies



Features

- Instrumentation for lag screw technique included

2.0mm MMF Self-Drilling Screw Module

Applications

- Temporary maxillomandibular fixation providing indirect stabilization of fractures of the maxilla, mandible or both where there is sufficient occlusion



Features

- Stainless steel screw design
- Head design for securing wires or elastics
- Self-drilling for one-step insertion

Skeletal Anchorage

Applications

- Intrusion/Extrusion of teeth
- Distal/mesial movement
- Space closure
- 3-D control of teeth

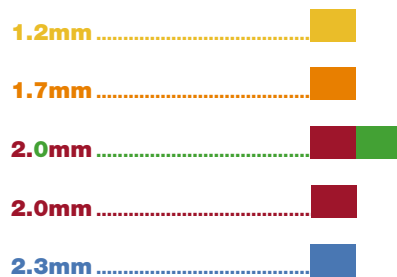


Features

- Bone anchored versus tooth anchored system
- Self-drilling and self-tapping anchor screws
- Locking anchor plates for wire fixation
- Standard anchor plates

The Color Coding System

The color coding of the screw diameter



The color coding of the screw types

Self-Tapping Screw



Self-Tapping Mini Plating Screw



Self-Tapping Emergency Screw



Self-Drilling Screw



Self-Tapping Locking Screw

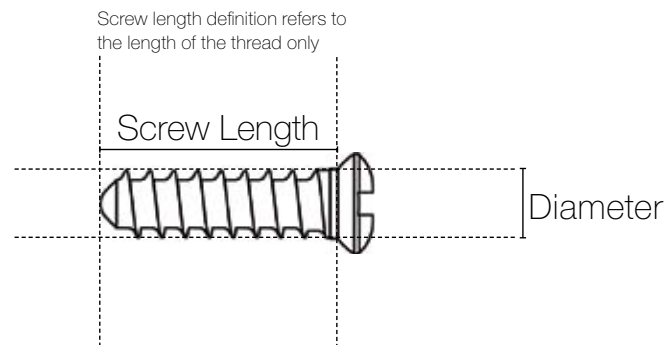


The color coding of the modules

1.2mm	Upper-Face Fixation Module
1.7mm	Mid-Face Fixation Module
2.0mm	MP Mini Plating Module
1.7/2.0/2.3mm	Orthognathic Fixation Module
2.0/2.3mm	Mandible Fixation Module
2.0/2.3mm	Mandible Fracture Module
2.0/2.3mm	Mandibular Reconstruction Module
2.0mm	Lag Screw Module
2.0mm MMF	Self-Drilling Screw Module

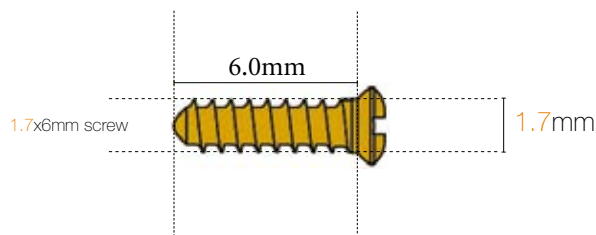
Measurement Of The Screws

The measurement of the screw length and the diameter

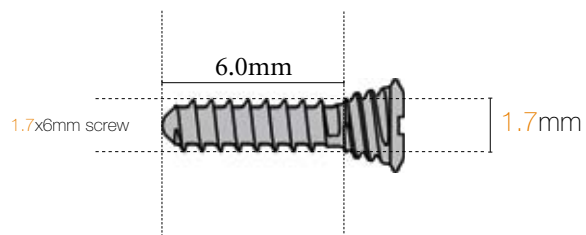


Example for the measurement of the screw length and the diameter in combination with the screw type

1.7mm Mid-Face, Self-Tapping Screw



1.7mm Mid-Face, Locking Screw



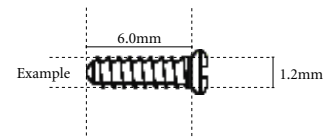
Upper-Face Fixation Module



Storage

- 29-12002** Upper-Face Fixation Module without Inlay
- 29-12003** Inlay for Upper-Face Plates
- 29-12345** Screw Disc for 1.2mm Bone Screws, empty
- 50-12000** Screw type marker "1.2mm Self-Tapping Screws"
- 50-12900** Screw type marker "1.2mm Self-Drilling Screws"

Bone Screws, Cross-Pin



1.2mm Self-Tapping



1.2 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-12003	1.2 x 3mm
50-12004	1.2 x 4mm
50-12005	1.2 x 5mm
50-12006	1.2 x 6mm
50-12007	1.2 x 7mm
50-12008	1.2 x 8mm
50-12010	1.2 x 10mm
50-12012	1.2 x 12mm

1.2mm Self-Drilling



1.2 x 4mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-12903	1.2 x 3mm
50-12904	1.2 x 4mm

1.4mm Self-Tapping (Emergency)





1.4 x 5mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-14003	1.4 x 3mm
50-14005	1.4 x 5mm
50-14007	1.4 x 7mm
50-14009	1.4 x 9mm

Instruments

illustrated scale 1:2

Order No.	Description
	
62-20285	Screwdriver handle, Metal, for Upper-Face and Mid-Face
	
62-12170	1.2mm/1.7mm Screwdriver Blade for Upper-Face and Mid-Face

1.2 Upper - Face

Malleable Plates



Profile Height: 0.5mm

Straight Plates



24 holes, condensed

55-04424



18 holes

55-04218

3-D Plates



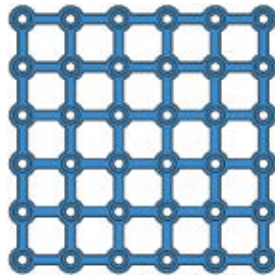
2 x 2 holes

55-04231



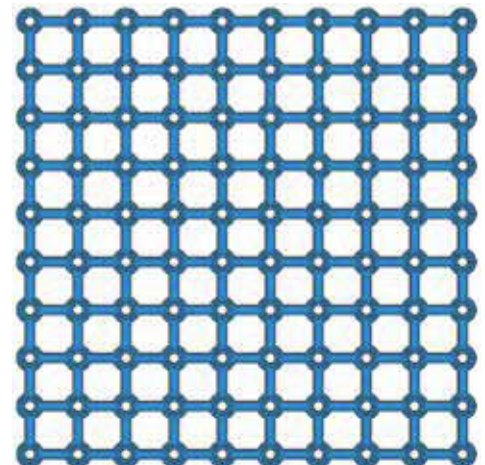
6 x 2 holes

55-04233



6 x 6 holes

55-04235



10 x 10 holes

55-04237

Curved Plate



10 holes, condensed

55-04250

Double Y Plate



7 holes

55-04240

Profile Height: 0.5mm

Burr Hole Cover Plates

with removable tab for simple handling



7mm

55-06376



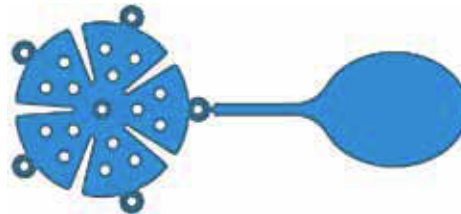
10mm

55-06374



14mm

55-06373



20mm

55-06371

Profile Height: 0.3mm

Orbital Floor Plates

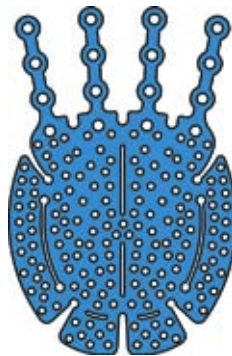


Isolated small

54-03003

Template small/medium

54-03000

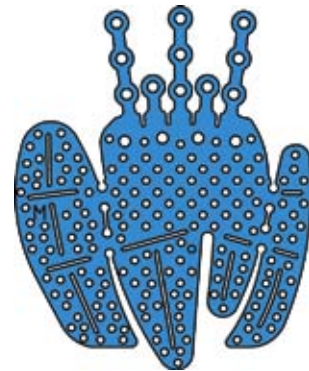


Basic medium

54-03002

Template small/medium

54-03000



Complex large

54-03001

Template large

54-04000

1.2 Upper - Face

Standard Plates

Profile Height: 0.6mm

Straight Plates



8 holes

55-06208



24 holes

55-06224

3-D Plates



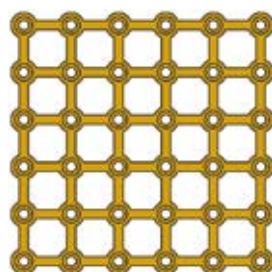
2 x 2 holes

55-06231



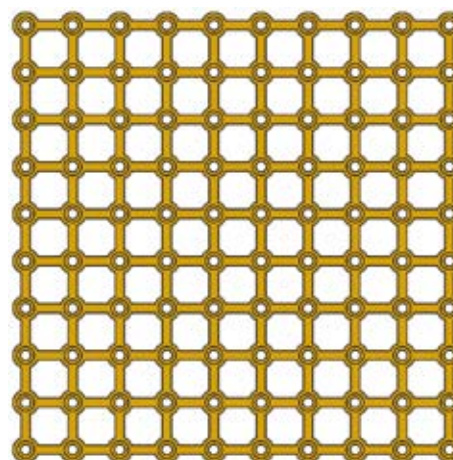
6 x 2 holes

55-06233



6 x 6 holes

55-06235



10 x 10 holes

55-06237

L Plate 90°



8 holes

55-06261 right

55-06260 left

T Plate



7 holes

55-06270

Double Y Plate



7 holes

55-06240

Curved Plates



4 holes

55-06254



10 holes

55-06250

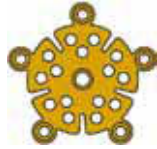
Profile Height: 0.6mm

Burr Hole Cover Plates



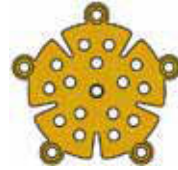
7mm

55-06375



10mm

55-06372



14mm

55-06370

Profile Height: 0.4mm

Orbital Floor Plates



Basic medium

54-04002

Template medium

54-03000



Complex large

54-04001

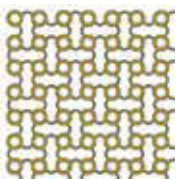
Template large

54-04000

Dynamic Mesh

Profile Height: 0.6mm

Standard



90 x 90mm

54-00642

120 x 120mm

54-00643

200 x 200mm

54-00641

Profile Height: 0.3mm

Malleable



40 x 40mm

54-00340

85 x 85mm

54-00342

120 x 120mm

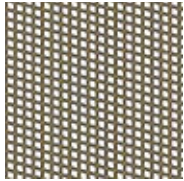
54-00343

1.2 Upper-Face

Micro Mesh

Profile Height: 0.2mm

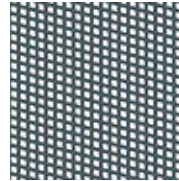
Standard



60 x 60mm 120 x 60mm 120 x 120mm
54-00272 **54-00271** **54-00270**

Profile Height: 0.1mm

Malleable



60 x 60mm 120 x 60mm 120 x 120mm
54-00262 **54-00261** **54-00260**

Drill Bits

Drill Bits for 1.2mm Bone Screws

illustrated scale 1:1

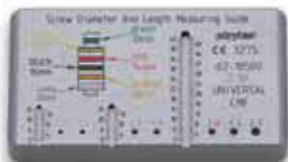
Non-Sterile	for Screw Length up to	Diameter	Total Length	Shaft End
60-09504	4mm	0.9mm	46mm	Stryker
60-10506	6mm	1.0mm	50mm	Stryker
60-10512	12mm	1.05mm	54mm	Stryker
60-10706	6mm	1.0mm	50mm	Dental
60-10712	12mm	1.05mm	54mm	Dental

1.2 Upper - Face Instrument Set



Order No.	Description
29-13031	Instrument Tray Upper-Face/Mid-Face
01-08110	Plate/Screw Forceps, Angled, Standard
01-08115	Angled Forceps, Locking
62-18110	Straight Forceps, Standard
01-08105	Straight Forceps, Locking
62-12176	Plate Bender Left Upper-Face/Mid-Face
62-12175	Plate Cutter/Bender Right Upper-Face/Mid-Face
62-12173	3-Prong Bender
62-18330	In-Situ Plate Cutter
62-20285	Universal Screwdriver Handle, Metal
62-12170	1.2mm/1.7mm Screwdriver Blade
62-32440	Bone Repositioning Instrument
60-20012	Repositioning Pin Drill Bit, Diameter 2.0 x 13mm, Total Length 62mm
62-20000	Universal Drill Guide Handle

Order No.	Optional Instruments
36-00726	Plate Bending Pliers, with Flate Nose, 13.5cm
62-18500	Screw Diameter and Length Measuring Block, Storage in Accessory Tray
64-00132	Mesh Bending Pliers



62-18500 Screw Diameter and Length Measuring Block

Mid-Face Fixation Module



Storage

- 29-17102** Mid-Face Fixation Module without Inlay
- 29-17003** Inlay for Mid-Face Plates, Standard Profile
- 29-17004** Inlay for Mid-Face Plates, Low Profile
- 29-17005** Inlay for Mid-Face Meshes, Low Profile
- 29-17345** Screw Disc for 1.7mm Bone Screws

- 50-04700** Plate type marker "Malleable"
- 50-06700** Plate type marker "Standard"
- 50-07700** Plate type marker "GSP"

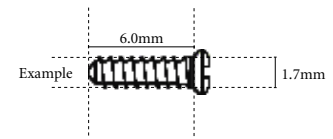
- 50-17000** Screw type marker "1.7mm Self-Tapping Screw"
- 50-17900** Screw type marker "1.7mm Self-Drilling Screw"

Screwdriver Blade for 1.2/1.7mm Screws

illustrated scale 1:2

Order No.	Description
	
62-12170	Screwdriver Blade

Bone Screws, Cross-Pin



1.7mm Self-Tapping



1.7 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-17003	1.7 x 3mm
50-17004	1.7 x 4mm
50-17005	1.7 x 5mm
50-17006	1.7 x 6mm
50-17007	1.7 x 7mm
50-17008	1.7 x 8mm
50-17010	1.7 x 10mm
50-17012	1.7 x 12mm

1.7mm Self-Drilling



1.7 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-17903	1.7 x 3mm
50-17904	1.7 x 4mm
50-17905	1.7 x 5mm
50-17906	1.7 x 6mm

1.7mm Locking



1.7 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-17504	1.7 x 4mm
50-17505	1.7 x 5mm
50-17506	1.7 x 6mm

1.9mm Self-Tapping (Emergency)



1.9 x 5mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-19003	1.9 x 3mm
50-19005	1.9 x 5mm
50-19007	1.9 x 7mm
50-19009	1.9 x 9mm

1.7 Mid-Face Plates

Malleable Plates



Profile Height: 0.5mm

Straight Plates



24 holes, condensed

55-04724



20 holes

55-04720



2 x 34 holes, double strip

Please note: separate sterilization required

55-07734

3-D Plates



2 x 2 holes

55-03731



6 x 2 holes

55-03733

L-Plates 100°

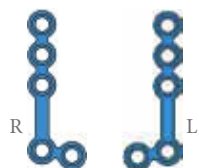
Profile Height: 0.6mm



5 holes, 2mm bar

55-04761 right

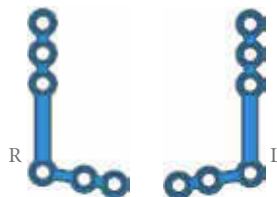
55-04760 left



5 holes, 5mm bar

55-04763 right

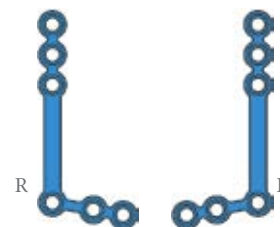
55-04762 left



6 holes, 8mm bar

55-04765 right

55-04764 left



6 holes, 12mm bar

55-04767 right

55-04766 left

Standard Plates

Profile Height: 0.6mm

Straight Plates



4 holes, with bar

55-06704



8 holes

55-06708



24 holes

55-06724

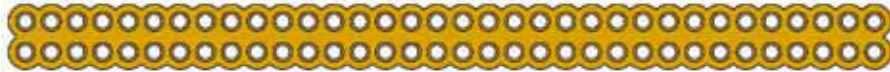
Profile Height: 0.6mm



2 holes
8mm bar
with positioning tab
55-06701

2 holes
12mm bar
with positioning tab
55-06702

2 holes
16mm bar
with positioning tab
55-06703



2 x 34 holes, double strip
55-06734

Please note: separate sterilization required

Curved Plates



4 holes, curved, with bar
55-06754



6 holes, curved, with bar
55-05188



10 holes, curved
55-06750

T-Plate



5 holes
55-06771

Y-Plates



5 holes, 4mm bar
55-05151



5 holes, 8mm bar
55-05152

Double Y-Plate

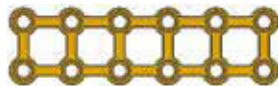


7 holes
55-05164

3-D Plates



2 x 2 holes
55-06731



6 x 2 holes
55-06733

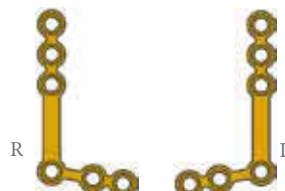
L-Plates 100°



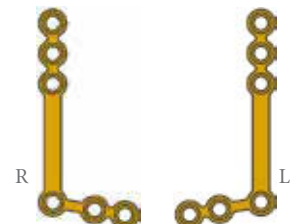
5 holes, 2mm bar
55-06761 right
55-06760 left



5 holes, 5mm bar
55-06763 right
55-06762 left



6 holes, 8mm bar
55-06765 right
55-06764 left



6 holes, 12mm bar
55-06767 right
55-06766 left

GSP Plates



Profile Height: 0.6mm

L-Plates 100°



5 holes, 2mm bar
55-07761 right
55-07760 left



5 holes, 5mm bar
55-07763 right
55-07762 left



6 holes, 8mm bar
55-07765 right
55-07764 left

Profile Height: 0.8mm

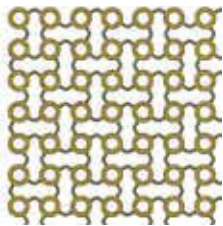


6 holes, 12mm bar
55-07767 right
55-07766 left

Dynamic Mesh

Profile Height: 0.6mm

Standard

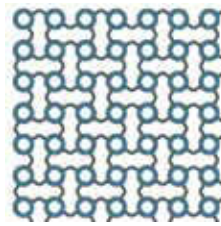


90 x 90mm
54-00646

120 x 120mm
54-00645

200 x 200mm
54-00647

Profile Height: 0.3mm



40 x 40mm
54-00344

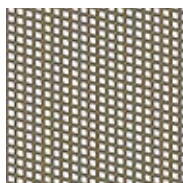
90 x 90mm
54-00346

120 x 120mm
54-00345

Micro Mesh

Profile Height: 0.2mm

Standard

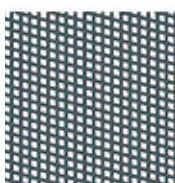


60 x 60mm
54-00272

120 x 60mm
54-00271

120 x 120mm
54-00270

Profile Height: 0.1mm



60 x 60mm
54-00262

120 x 60mm
54-00261

120 x 120mm
54-00260

Locking Plates



To be used in combination with either locking-, self-tapping- or self-drilling screws



Profile Height: 0.8mm

Straight Plate



16 holes

55-05716

Curved Plate



8 holes

55-05758

Y-Plates



5 holes, 4mm bar

55-05751



5 holes, 8mm bar

55-05752



8 holes

55-05779

Double Y-Plate



7 holes

55-05742

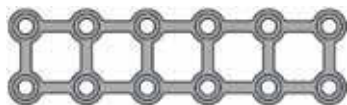
Profile Height: 0.8mm

3-D Plates



2 x 2 holes

55-05731



6 x 2 holes

55-05733



5 holes
2mm bar

55-05761



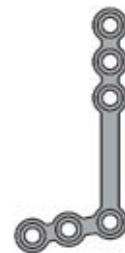
5 holes
5mm bar

55-05763



6 holes
8mm bar

55-05765



6 holes
12mm bar

55-05767

L-Plates 100°

reversible

Drill Bits

Drill Bits for 1.7mm Bone Screws

illustrated scale 1:1

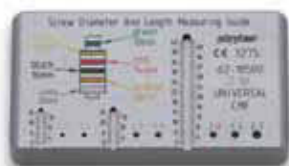
Non-Sterile	for Screw Length up to	Diameter	Total Length	Shaft End
60-13505	5mm	1.35mm	50mm	Stryker
60-13506	6mm	1.35mm	50mm	Stryker
60-14008	8mm	1.4mm	54mm	Stryker
60-13512	12mm	1.4mm	54mm	Stryker
60-13570	6mm	1.3mm	79mm	Stryker <small>To be used with Drill Guide / Trocar System</small>
60-13705	5mm	1.35mm	50mm	Dental
60-13706	6mm	1.35mm	50mm	Dental
60-14708	8mm	1.4 mm	54mm	Dental
60-13712	12mm	1.4mm	54mm	Dental
60-13770	6mm	1.3mm	79mm	Dental <small>To be used with Drill Guide / Trocar System</small>
60-19506	6mm	1.7mm	60mm	Stryker <small>Overdrill for lag screw technique</small>

Mid-Face Instrument Set



Order No.	Description
29-13031	Instrument Tray Upper-Face/Mid-Face
01-08110	Plate/Screw Forceps, Angled Standard
01-08115	Angled Forceps, Locking
62-18110	Straight Forceps, Standard
01-08105	Straight Forceps, Locking
62-12176	Plate Bender Left Upper-Face/Mid-Face
62-12175	Plate Cutter/Bender Right Upper-Face/Mid-Face
62-12173	3-Prong Bender
62-18330	In-Situ Plate Cutter
62-20285	Universal Screwdriver Handle, Metal
62-12170	1.2mm/1.7mm Screwdriver Blade
62-32440	Bone Repositioning Instrument
60-20012	Repositioning Pin Drill Bit
62-20000	Universal Drill Guide Handle

Order No.	Optional Instruments
62-20290	Universal Screwdriver Handle, Ratchet
62-20295	Universal Screwdriver Handle Revolving/Rigid
64-00155	Plate Bending Plier, 3-D System 13.5cm, Storage in Accessory Tray
62-18500	Screw Diameter and Length Measuring Block, Storage in Accessory Tray
92-92024	1.7mm Screwdriver Blade, short, for 90° Angled Screwdriver (Luhr Fritzmeier)
36-00726	Plate Bending Pliers, with Flat Nose, 13.5cm
64-00132	Mesh Bending Pliers



62-18500 Screw Diameter and Length Measuring Block

2.0 MP Mini Plating Module





Storage

- 29-20200** 2.0mm MP Module without Inlay, Full Size
- 29-20201** Inlay for Full Size 2.0 MP Module
- 29-20250** 2.0mm MP Module without Inlay, Half Size
- 29-20251** Inlay for Half Size 2.0 MP Module

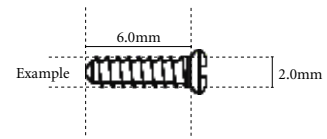
- 50-20000** Screw type marker "2.0mm Bone Screw"
- 50-20900** Screw type marker "2.0mm Self-Drilling Screw"

Screwdriver Blade for 2.0/2.3mm MP Screws

illustrated scale 1:2 and 1:1

Order No.	Description
	
60-20140	MP Screwdriver Blade
	
62-20233	Screwdriver Blade, Short, for 90° Angled Screwdriver (Luhr Fritzemeier)

Bone Screws, Cross-Pin



2.0mm MP Self-Tapping



2.0 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-20704	2.0 x 4mm
50-20705	2.0 x 5mm
50-20706	2.0 x 6mm
50-20708	2.0 x 8mm
50-20710	2.0 x 10mm
50-20712	2.0 x 12mm
50-20714	2.0 x 14mm
50-20716	2.0 x 16mm
50-20718	2.0 x 18mm
50-20720	2.0 x 20mm

2.0mm MP Self-Drilling



2.0 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-20904	2.0 x 4mm
50-20905	2.0 x 5mm
50-20906	2.0 x 6mm

2.3mm MP Self-Tapping (Emergency)



2.3 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-23706	2.3 x 6mm
50-23708	2.3 x 8mm
50-23710	2.3 x 10mm
50-23712	2.3 x 12mm
50-23714	2.3 x 14mm
50-23716	2.3 x 16mm

2.0 MP Mini Plates

Profile Height: 1.0mm

Straight Plates



4 holes, regular

55-08204



4 holes, 4mm bar

55-08203



4 holes, 8mm bar

55-08205



6 holes, regular

55-08206



4 holes, reinforced bar

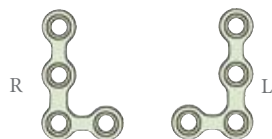
55-10563



16 holes, regular

55-08216

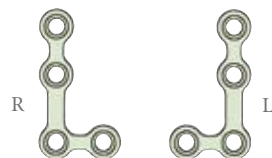
L-Plates



4 holes, regular

55-08230 right

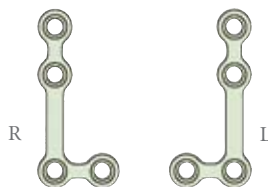
55-08231 left



4 holes, 4mm bar

55-08234 right

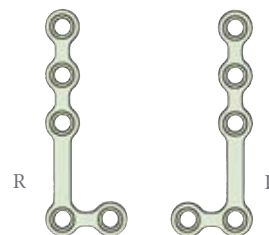
55-08235 left



4 holes, 8mm bar

55-08232 right

55-08233 left



5 holes, 8mm bar

55-08236 right

55-08237 left

T-Plate



6 holes, regular

55-08240

Y-Plates and Double Y-Plates



5 holes, regular

55-08250



5 holes, 8mm bar

55-08251



6 holes, regular

55-08260



6 holes, 8mm bar

55-08262

Profile Height: 0.6mm

3-D Plates, Square Segments or Rectangular Segment



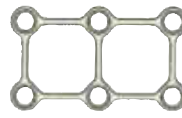
Rectangular segment

55-06312



2 x 2 holes

55-06310



3 x 2 holes

55-06320

Profile Height: 0.8mm

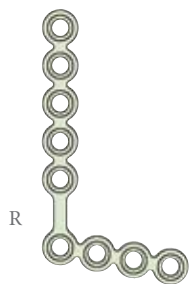
Straight Plate



30 holes, regular

55-08510

L-Plates 100°



R

9 holes, right

55-08520



L

9 holes, left

55-08521

T-Plate



8 holes

55-08542

Y-Plate



9 holes

55-08579

Curved Plate



12 holes, curved

55-08586



Profile Height: 0.6mm

Chin Plates with Advancement



Chin Plate, 4mm bar

55-09104



Chin Plate, 6mm bar

55-09106



Chin Plate, 8mm bar

55-09108



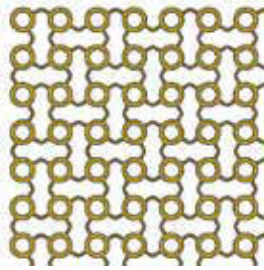
Chin Plate, 10mm bar

55-09110

Dynamic Mesh

Profile Height: 0.6mm

Standard



90 x 90mm

54-00650

120 x 120mm

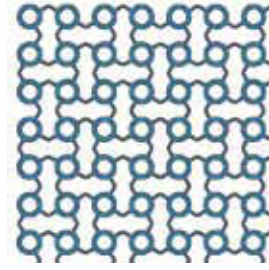
54-00651

200 x 200mm

54-00653

Profile Height: 0.3mm

Malleable



40 x 40mm

54-00348

90 x 90mm

54-00350



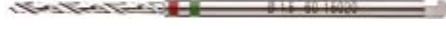





120 x 120mm

54-00351

Drill Bits

Drill Bits for 2.0mm MP Bone Screws

illustrated scale 1:1

Non-Sterile	for Screw Length up to	Diameter	Total Length	Shaft End
				
60-15105	5mm	1.5mm	50mm	Stryker
				
60-15008	8mm	1.5mm	50mm	Stryker
				
60-15020	20mm	1.5mm	58mm	Stryker
				
60-15705	4mm and 5mm	1.5mm	50mm	Dental
				
60-15720	20mm	1.5mm	58mm	Dental
				
60-15920	20mm	1.5mm	107mm	Stryker
				
60-15486	8mm (Luhr Fritzemeier)	1.5mm	21mm	Dental
				
60-15496	16mm (Luhr Fritzemeier)	1.5mm	29mm	Dental

Instrument Set Mini Plating



Order No.	Description
29-13070	Instrument Tray 2.0 MP
01-08110	Plate/Screw Forceps, Angled, Standard
01-08115	Angled Forceps, Locking
62-18110	Straight Forceps, Standard
01-08105	Straight Forceps, Locking
36-00726	Plate Bending Pliers, with Flat Nose, 13.5cm
01-08070	3-Prong Bender
62-18335	2.0mm MP Plate Cutting Plier
62-20290	Universal Screwdriver Handle, Ratchet
62-20295	Universal Screwdriver Handle, Revolving/Rigid
60-20140	2.0/2.3mm MP Screwdriver Blade
01-08502	Trocar Handle, Sharp Tip
01-08506	Trocar
01-08508	Trocar Drill Guide 2.0mm MP, Centric
01-08504	Cheek Retractor
62-08732	Depth Gauge

Order No.	Optional Instruments
62-20233	2.0/2.3mm MP Screwdriver Blade, Short, for 90° Angled Screwdriver (Luhr Fritzemeier)

Orthognathic Fixation Module



Storage

- 29-17203** Orthognathic Fixation Module without Inlay
- 29-17204** Inlay for Orthognathic Module, Standard Profile
- 29-17205** Le Fort I Inlay, Low Profile, Half Size
- 29-17006** Inlay for Locking Plates, Low Profile
- 29-17005** Inlay for Mid-Face Meshes, Low Profile

- 50-04700** Plate type marker "Malleable"
- 50-06700** Plate type marker "Standard"
- 50-07700** Plate type marker "GSP"

- 50-17000** Screw type marker "1.7mm Self-Tapping Screws"
- 50-17500** Screw type marker "1.7mm Locking Screws"
- 50-17900** Screw type marker "1.7mm Self-Drilling Screws"

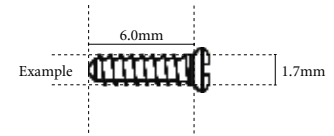
- 50-20000** Screw type marker "2.0mm Bone Screws"
- 50-20500** Screw type marker "2.0mm Locking Screws"
- 50-23000** Screw type marker "2.3mm Bone Screws"
- 50-23500** Screw type marker "2.3mm Locking Screws"

Screwdriver Blade for 1.2/1.7mm Screws

illustrated scale 1:2

Order No.	Description
	
62-12170	Screwdriver Blade

Bone Screws, Cross-Pin



1.7mm Self-Tapping



1.7 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-17003	1.7 x 3mm
50-17004	1.7 x 4mm
50-17005	1.7 x 5mm
50-17006	1.7 x 6mm
50-17007	1.7 x 7mm
50-17008	1.7 x 8mm
50-17010	1.7 x 10mm
50-17012	1.7 x 12mm

1.7mm Self-Drilling



1.7 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-17903	1.7 x 3mm
50-17904	1.7 x 4mm
50-17905	1.7 x 5mm
50-17906	1.7 x 6mm

1.7mm Locking



1.7 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-17504	1.7 x 4mm
50-17505	1.7 x 5mm
50-17506	1.7 x 6mm

1.9mm Self-Tapping (Emergency)



1.9 x 5mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-19003	1.9 x 3mm
50-19005	1.9 x 5mm
50-19007	1.9 x 7mm
50-19009	1.9 x 9mm

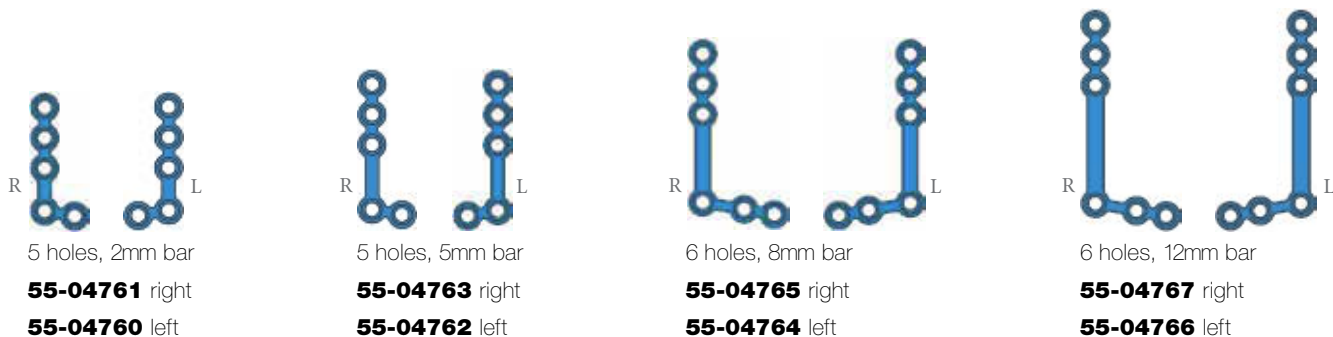


1.7 Orthognathic Fixation Plates

Malleable Plates

Profile Height: 0.6mm

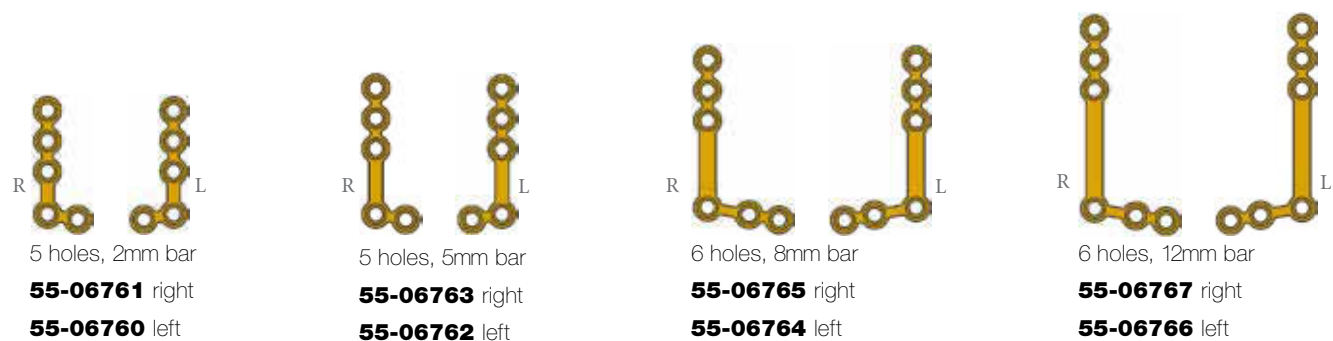
L-Plates 100°



Standard Plates

Profile Height: 0.6mm

L-Plates 100°



GSP Plates



Profile Height: 0.6mm

Profile Height: 0.8mm

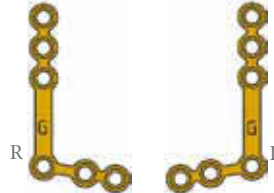
L-Plates 100°



5 holes, 2mm bar
55-07761 right
55-07760 left



5 holes, 5mm bar
55-07763 right
55-07762 left



6 holes, 8mm bar
55-07765 right
55-07764 left

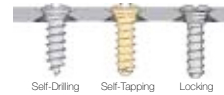


6 holes, 12mm bar
55-07767 right
55-07766 left

Locking Plates



To be used in combination with either locking-, self-tapping- or self-drilling screws



Profile Height: 0.8mm

L-Plates 100°

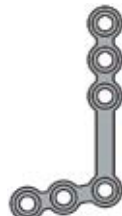
reversible



5 holes, 2mm bar
55-05761



5 holes, 5mm bar
55-05763



6 holes, 8mm bar
55-05765



6 holes, 12mm bar
55-05767

Z-Plates

reversible



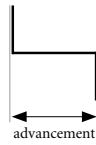
4 holes, small
55-05781



4 holes, large
55-05783



1.7mm Le Fort I Plates



Profile Height: 0.9mm



11 holes, 0mm advancement

55-12700 right

55-11700 left

11 holes, 3mm advancement

55-12703 right

55-11703 left

11 holes, 4mm advancement

55-12704 right

55-11704 left



11 holes, 6mm advancement

55-12706 right

55-11706 left

11 holes, 8mm advancement

55-12708 right

55-11708 left

11 holes, 10mm advancement

55-12710 right

55-11710 left

Other 1.7mm Plates

Profile Height: 0.6mm

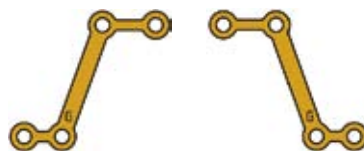
GSP Z-Plates



4 holes, small

55-07781 left

55-07782 right



4 holes, large

55-07783 left

55-07784 right

Profile Height: 0.6mm

Standard Plates



24 holes

55-06724



5 holes, 4mm bar

55-05151



5 holes, 8mm bar

55-05152

Profile Height: 0.8mm

Locking Plates



5 holes, 8mm bar

55-05751



5 holes, 12mm bar

55-05752



8 holes

55-05779



8 holes

55-05758

Profile Height: 0.6mm

Pre-Bent Chin Plates with Advancement



4mm

55-10704



6mm

55-10706



8mm

55-10708



10mm

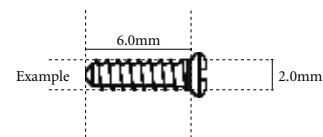
55-10710



12mm

55-10712

2.0 Mandibular Bone Screws, Cross Pin



2.0mm Self-Tapping



2.0 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-20404	2.0 x 4mm
50-20405	2.0 x 5mm
50-20406	2.0 x 6mm
50-20407	2.0 x 7mm
50-20408	2.0 x 8mm
50-20410	2.0 x 10mm
50-20412	2.0 x 12mm
50-20414	2.0 x 14mm
50-20416	2.0 x 16mm
50-20418	2.0 x 18mm
50-20420	2.0 x 20mm

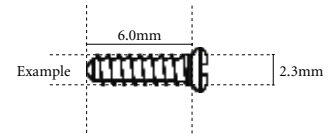
2.0mm Locking



2.0 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-20504	2.0 x 4mm
50-20505	2.0 x 5mm
50-20506	2.0 x 6mm
50-20507	2.0 x 7mm
50-20508	2.0 x 8mm
50-20510	2.0 x 10mm
50-20512	2.0 x 12mm
50-20514	2.0 x 14mm
50-20516	2.0 x 16mm
50-20518	2.0 x 18mm
50-20520	2.0 x 20mm

2.3 Mandibular Bone Screws, Cross Pin



2.3mm Self-Tapping



2.3 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-23404	2.3 x 4mm
50-23406	2.3 x 6mm
50-23408	2.3 x 8mm
50-23410	2.3 x 10mm
50-23412	2.3 x 12mm
50-23414	2.3 x 14mm
50-23416	2.3 x 16mm
50-23418	2.3 x 18mm
50-23420	2.3 x 20mm

2.3mm Locking



2.3 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-23504	2.3 x 4mm
50-23506	2.3 x 6mm
50-23508	2.3 x 8mm
50-23510	2.3 x 10mm
50-23512	2.3 x 12mm
50-23514	2.3 x 14mm
50-23516	2.3 x 16mm
50-23518	2.3 x 18mm
50-23520	2.3 x 20mm

Screwdriver Blade for 2.0/2.3mm Screws

illustrated scale 1:2

Order No.	Description
	
62-20130	2.0/2.3mm Screwdriver Blade
	 The 90° Luhr Fritzemeier screwdriver is not suited for insertion of any locking screws
62-92023	2.0/2.3mm Screwdriver Blade

2.0mm Orthognathic Plates

Profile Height: 1.5mm with slider/1.0mm without slider

Sagittal Split Sliding Plates

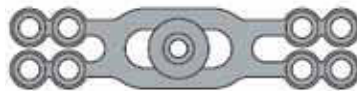
Not for smartLock



Malleable

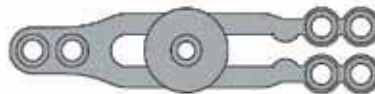
55-10570

Sagittal Split Sliding Plates Locking



Locking

55-10580



Open, Long (Locking)

55-10586

Profile Height: 1.0mm

Sagittal Split Plates, Curved, Locking



6 holes, 6mm bar

55-10554



6 holes, 12mm bar

55-10556

Sagittal Split Plates, Straight, Locking



4 holes, 6mm bar

55-10564



6 holes, 12mm bar

55-10566

Sagittal Split Drill Bits

Sagittal Split Drill Bits for 2.0/2.3mm Screws

illustrated scale 1:1

Non-Sterile	for Screw Length	Diameter	Total Length	Shaft End
60-16820	10 to 20mm	1.6mm	102mm	Stryker
60-16720	10 to 20mm	1.6mm	102mm	Dental
60-19820	10 to 20mm	1.9mm	102mm	Stryker
60-19720	10 to 20mm	1.9mm	102mm	Dental

Use of the Sagittal Split Drill Bits

The color scale on the shaft of the drill indicates the required length of screw. The length measurement corresponds to the color on the drill as it passes through the proximal end of the canula of the trocar handle, e.g.:

green = 10mm, **yellow** = 12mm, **red** = 14mm, **black** = 16mm, **orange** = 18mm, **white** = 20mm

The color code scale is explained on the Orthognathic module, on the lid of the Mandibular Fracture and Mandibular Fixation modules and on the Screw length measuring block 62-18500.

Drill Bits
















Drill Bits for 1.7mm Bone Screws

illustrated scale 1:1

Non-Sterile	for Screw Length up to	Diameter	Total Length	Shaft End
60-13505	5mm	1.35mm	50mm	Stryker
60-13506	6mm	1.35mm	50mm	Stryker
60-14008	8mm	1.4mm	54mm	Stryker
60-13512	12mm	1.4mm	54mm	Stryker
60-13570	6mm	1.3mm	79mm	To be used with Drill Guide / Trocar System Stryker
60-13705	5mm	1.35mm	50mm	Dental
60-13706	6mm	1.35mm	50mm	Dental
60-14708	8mm	1.4mm	54mm	Dental
60-13712	12mm	1.4mm	54mm	Dental
60-13770	6mm	1.3mm	79mm	To be used with Drill Guide / Trocar System Dental
60-19506	6mm	1.7mm	60mm	Overdrill for lag screw technique Stryker





Drill Bits for 2.0/2.3mm Bone Screws

illustrated scale 1:1

Non-Sterile	for Screw Length up to	Diameter	Total Length	Shaft End
				
60-16005	5mm	1.6mm	50mm	Stryker
				
60-16405	5mm	1.6mm	50mm	Dental
				
60-16007	7mm	1.6mm	50mm	Stryker
				
60-16407	7mm	1.6mm	50mm	Dental
				
60-16035	20mm	1.6mm	115mm	Stryker
				
60-16435	20mm	1.6mm	115mm	Dental
				
60-19035	20mm	1.9mm	115mm	Stryker
				
60-19435	20mm	1.9mm	115mm	Dental
				
60-16535	20mm	1.6mm	85mm	Stryker
				
60-16735	20mm	1.6mm	85mm	Dental
				
60-19535	20mm	1.9mm	85mm	Stryker
				
60-19735	20mm	1.9mm	85mm	Dental
				
60-16526	20mm	1.6mm	58mm	Stryker
				
60-16726	20 mm	1.6mm	58mm	Dental
				
60-19526	20mm	1.9mm	58mm	Stryker

Drill Bits for 90° Angled Screwdriver for 2.0/2.3 Screws

illustrated scale 1:1

Order No.	for Screw Length up to	Diameter	Total Length	Shaft End
				
60-16908	8mm	1.6mm	19mm	Dental
				
60-16918	18mm	1.6mm	29mm	Dental
				
60-19908	8mm	1.9mm	19mm	Dental
				
60-19918	18mm	1.9mm	29mm	Dental



Instrument Set Orthognathic



Order No.	Description
29-13045	Instrument Tray Orthognathic
01-08110	Plate/Screw Forceps, Angled Standard
01-08115	Angled Forceps, Locking
62-18110	Straight Forceps, Standard
01-08105	Straight Forceps, Locking
62-12176	Plate Bender Left, Upper-Face/Mid-Face/Orthognathic
62-12175	Plate Cutter/Bender Right, Upper-Face/Mid-Face/Orthognathic
62-00315	Orthognathic Trocar Handle, Sharp Tip, Fixed
62-00303	Trocar
62-00314	Cheek Retractor
01-08731	Depth Measuring Gauge
62-00208	Positioning Screw Drill Guide for 2.0 and 2.3 Screws
62-00201	Trocar Drill Guide for 2.0mm Screws, Centric
62-00238	Trocar Drill Guide for 2.3mm Screws, Centric
62-20285	Universal Screwdriver Handle, Metal, Upper-Face/Mid-Face/Orthognathic
62-20000	Universal Drill Guide Handle
62-17517	Drill Guide for 1.7mm Locking Screws
62-20290	Universal Screwdriver Handle, Ratchet
62-20295	Universal Screwdriver Handle Revolving/Rigid
62-20130	2.0/2.3mm Screwdriver Blade
62-12170	1.2/1.7mm Screwdriver Blade, Upper-Face/Mid-Face/Orthognathic

Order No.	Optional Instruments
6514-7-102	90° Angled Screwdriver (Luhr Fritzemeier)
62-92023	2.0/2.3mm Screwdriver Blade, Short, for 90° Angled Screwdriver (Luhr Fritzemeier)
92-92024	1.7mm Screwdriver Blade, Short, for 90° Angled Screwdriver (Luhr Fritzemeier)
62-00301	Trocar Handle 127x47mm Blunt Tip, Revolving
62-00316	Trocar Handle 127x47mm Blunt Tip, Fixed
62-00441	Cheek Retractor, Variable
62-98730	Right Angle Depth Gauge
62-18500	Screw Diameter and Length Measuring Block, Storage in Accessory Tray



62-18500 Screw Diameter and Length Measuring Block



Mandible Fixation Module



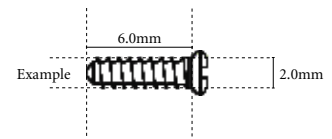
Storage

- 29-20232** Mandible Fixation Module without Inlay
- 29-20231** Inlay for Mandible Fixation Module Standard Profile

- 50-20000** Screw type marker "2.0mm Bone Screws"
- 50-20500** Screw type marker "2.0mm Locking Screws"
- 50-23000** Screw type marker "2.3mm Bone Screws"
- 50-23500** Screw type marker "2.3mm Locking Screws"

- 52-00200** Screw diameter marker "2.0mm"
- 52-00230** Screw diameter marker "2.3mm"

2.0 Mandibular Bone Screws, Cross-Pin



2.0mm Self-Tapping



2.0 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-20404	2.0 x 4mm
50-20405	2.0 x 5mm
50-20406	2.0 x 6mm
50-20407	2.0 x 7mm
50-20408	2.0 x 8mm
50-20410	2.0 x 10mm
50-20412	2.0 x 12mm
50-20414	2.0 x 14mm
50-20416	2.0 x 16mm
50-20418	2.0 x 18mm
50-20420	2.0 x 20mm

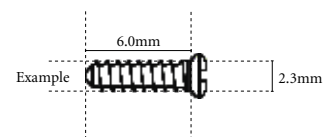
2.0mm Locking



2.0 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-20504	2.0 x 4mm
50-20505	2.0 x 5mm
50-20506	2.0 x 6mm
50-20507	2.0 x 7mm
50-20508	2.0 x 8mm
50-20510	2.0 x 10mm
50-20512	2.0 x 12mm
50-20514	2.0 x 14mm
50-20516	2.0 x 16mm
50-20518	2.0 x 18mm
50-20520	2.0 x 20mm

2.3 Mandibular Bone Screws, Cross-Pin



2.3mm Self-Tapping



2.3 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-23404	2.3 x 4mm
50-23406	2.3 x 6mm
50-23408	2.3 x 8mm
50-23410	2.3 x 10mm
50-23412	2.3 x 12mm
50-23414	2.3 x 14mm
50-23416	2.3 x 16mm
50-23418	2.3 x 18mm
50-23420	2.3 x 20mm

2.3mm Locking



2.3 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-23504	2.3 x 4mm
50-23506	2.3 x 6mm
50-23508	2.3 x 8mm
50-23510	2.3 x 10mm
50-23512	2.3 x 12mm
50-23514	2.3 x 14mm
50-23516	2.3 x 16mm
50-23518	2.3 x 18mm
50-23520	2.3 x 20mm

Screwdriver Blade for 2.0/2.3mm Screws

illustrated scale 1:2

Order No.	Description
	
62-20130	2.0/2.3mm Screwdriver Blade
	The 90° Luhr Fritzemeier screwdriver is not suited for insertion of any locking screws
62-92023	2.0/2.3mm Screwdriver Blade

Mandible Fixation Plates

Mini, 3-D and Fracture plates are compatible with Locking and Neutral Screws. Compression plates are to be used with Neutral screws only.

Mini Plates



Profile Height: 1.0mm

Straight Plates



4 holes

55-10504



6 holes

55-10506



4 holes, 4mm bar

55-10505



4 holes, 8mm bar

55-10503



6 holes, 8mm bar

55-10507



16 holes

55-10516



16 holes condensed

55-10515

3-D Plates



Profile Height: 1.0mm



4 x 2 holes, square

55-10542



6 x 2 holes, condensed

55-10562



3 x 2 holes, rectangle

55-10532

Fracture Plates



Profile Height: 1.5mm



4 holes

55-15504

Template for 55-15504

65-15504



14 holes

55-15514

Template for 55-15514

65-15514



6 holes

55-15506

Template for 55-15506

65-15506



6 holes, 140°, with bar

55-15536

Template for 55-15536

65-15536

Compression Plates

Profile Height: 1.5mm

For 2.0mm Screws



4 holes

55-15570

Template for 55-15570

65-15570



6 holes

55-15580

Template for 55-15580

65-15580

For 2.3mm Screws



4 holes

55-15575





6 holes

55-15585

Other Instruments

The Plate Holding Caps are to be used in combination with a trocar system for holding plates intraorally prior to drilling and screw insertion. The required plate holding cap must be attached to the end of the trocar cannula (e.g. 62-00309 or 62-00301).





illustrated scale 1:1

Order No.	Description
	
62-00410	Plate Holding Cap for Universal Fracture Plates (gold)
	
62-00411	Plate Holding Cap for Universal Mini Plates (blue)

Drill Bits

Drill Bits for 90° Angled Screwdriver for 2.0/2.3 Screws

illustrated scale 1:1

Order No.	for Screw Length up to	Diameter	Total Length	Shaft End
				
60-16908	8mm	1.6mm	19mm	Dental
				
60-16918	18mm	1.6mm	29mm	Dental
				
60-19908	8mm	1.9mm	19mm	Dental
				
60-19918	18mm	1.9mm	29mm	Dental

Drill Bits for 2.0/2.3mm Bone Screws

illustrated scale 1:1

Non-Sterile	for Screw Length up to	Diameter	Total Length	Shaft End
60-16005	5mm	1.6mm	50mm	Stryker
60-16405	5mm	1.6mm	50mm	Dental
60-16007	7mm	1.6mm	50mm	Stryker
60-16407	7mm	1.6mm	50mm	Dental
60-16035	20mm	1.6mm	115mm	Stryker
60-16435	20mm	1.6mm	115mm	Dental
60-19035	20mm	1.9mm	115mm	Stryker
60-19435	20mm	1.9mm	115mm	Dental
60-16535	20mm	1.6mm	85mm	Stryker
60-16735	20mm	1.6mm	85mm	Dental
60-19535	20mm	1.9mm	85mm	Stryker
60-19735	20mm	1.9mm	85mm	Dental
60-16526	20mm	1.6mm	58mm	Stryker
60-16726	20mm	1.6mm	58mm	Dental
60-19526	20mm	1.9mm	58mm	Stryker

Instrument Set Mandible Fixation/Fracture



Order No.	Description
29-13025	Instrument Tray Mandible
01-08110	Plate/Screw Forceps, Angled Standard
01-08115	Angled Forceps, Locking
62-18110	Straight Forceps, Standard
01-08105	Straight Forceps, Locking
64-00242	Plate Bender Left
64-00243	Plate Bender/Cutter Right
62-20290	Universal Screwdriver Handle, Ratchet
62-20295	Universal Screwdriver Handle Revolving/Rigid
62-20130	2.0/2.3mm Screwdriver Blade
62-00316	Universal Mandible Trocar Handle, Fixed
62-00314	Cheek Retractor, Fixed
62-00303	Trocar
62-02000	Trocar Drill Guide for 2.0mm Screws, Centric
62-02300	Trocar Drill Guide for 2.3mm Screws, Centric
62-02301	Trocar Drill Guide for 2.3mm Screws for Compression Plates
01-08731	Depth Measuring Gauge

Order No.	Optional Instruments
62-02001	Trocar Drill Guide for 2.0mm Screws, Eccentric
62-02301	Trocar Drill Guide for 2.3mm Screws, Eccentric
62-00441	Cheek Retractor, Variable
62-20500	Tap 2.0mm

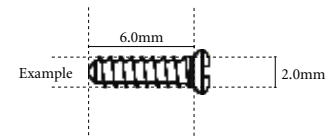
Mandible Fracture Module



Storage

- 29-13051** Universal Mandible Fracture Module without Inlay
- 29-13053** Inlay for Mandibular Fracture Module
- 52-00210** Screw type marker "Bone Screws"
- 52-00215** Screw type marker "Locking Screws"
- 52-00200** Screw diameter marker "2.0mm"
- 52-00230** Screw diameter marker "2.3mm"

2.0 Mandibular Bone Screws, Cross Pin



2.0mm Self-Tapping



2.0 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-20404	2.0 x 4mm
50-20405	2.0 x 5mm
50-20406	2.0 x 6mm
50-20407	2.0 x 7mm
50-20408	2.0 x 8mm
50-20410	2.0 x 10mm
50-20412	2.0 x 12mm
50-20414	2.0 x 14mm
50-20416	2.0 x 16mm
50-20418	2.0 x 18mm
50-20420	2.0 x 20mm

2.0mm Locking



2.0 x 6mm screw/illustrated scale 2:1

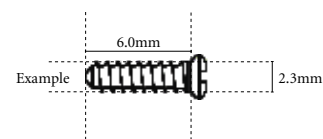
Non-Sterile 5/ea. Pack	Length
50-20504	2.0 x 4mm
50-20505	2.0 x 5mm
50-20506	2.0 x 6mm
50-20507	2.0 x 7mm
50-20508	2.0 x 8mm
50-20510	2.0 x 10mm
50-20512	2.0 x 12mm
50-20514	2.0 x 14mm
50-20516	2.0 x 16mm
50-20518	2.0 x 18mm
50-20520	2.0 x 20mm

Screwdriver Blade for 2.0/2.3mm Screws

illustrated scale 1:2

Order No.	Description
62-20130	2.0/2.3mm Screwdriver Blade
	The 90° Lühr Fritzemeier screwdriver is not suited for insertion of any locking screws
62-92023	2.0/2.3mm Screwdriver Blade

2.3 Mandibular Bone Screws, Cross-Pin



2.3mm Self-Tapping



2.3 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-23404	2.3 x 4mm
50-23406	2.3 x 6mm
50-23408	2.3 x 8mm
50-23410	2.3 x 10mm
50-23412	2.3 x 12mm
50-23414	2.3 x 14mm
50-23416	2.3 x 16mm
50-23418	2.3 x 18mm
50-23420	2.3 x 20mm

2.3mm Locking



2.3 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-23504	2.3 x 4mm
50-23506	2.3 x 6mm
50-23508	2.3 x 8mm
50-23510	2.3 x 10mm
50-23512	2.3 x 12mm
50-23514	2.3 x 14mm
50-23516	2.3 x 16mm
50-23518	2.3 x 18mm
50-23520	2.3 x 20mm

MMF Screws and Ligature Wire

2.0mm MMF Self-Drilling Screws



illustrated scale 2:1, 2.0 x 8mm screw

Non-Sterile 4/ea. Pack	Length
50-20358	2.0 x 8mm
50-20362	2.0 x 12mm

Non-Sterile 10/ea. Pack	Ligature Wires
01-03490	Blunt, 24 Gauge, Diameter 0.5 x 160mm
01-03492	Blunt, 22 Gauge, Diameter 0.64 x 160mm

Mandible Fixation Plates

Mini, 3-D and Fracture plates are compatible with Locking and Neutral Screws. Compression plates are to be used with Neutral screws only.

Mini Plates



Profile Height: 1.0mm

Straight Plates



4 holes

55-10504



6 holes

55-10506



4 holes, 4mm bar

55-10505



4 holes, 8mm bar

55-10503



6 holes, 8mm bar

55-10507



16 holes

55-10516



16 holes condensed

55-10515

3-D Plates



Profile Height: 1.0mm



4 x 2 holes, square

55-10542



6 x 2 holes, condensed

55-10562



3 x 2 holes, rectangle

55-10532

Fracture Plates



Profile Height: 1.5mm



4 holes

55-15504

Template for 55-15504

65-15504



14 holes

55-15514

Template for 55-15514

65-15514



4 holes, with bar

55-15505

Template for 55-15505

65-15505



6 holes

55-15506

Template for 55-15506

65-15506



6 holes, with bar

55-15507

Template for 55-15507

65-15507



4 holes, angled, with bar

55-15524

Template for 55-15524

65-15524



6 holes, 140°, with bar

55-15536

Template for 55-15536

65-15536



6 holes, 115°, with bar

55-15526

Template for 55-15526

65-15526

Compression Plates

Profile Height: 1.5mm

For 2.0mm Screws



4 holes

55-15570

Template for 55-15570

65-15570



6 holes

55-15580

Template for 55-15580

65-15580

For 2.3mm Screws



4 holes

55-15575





6 holes

55-15585

Other Instruments

The Plate Holding Caps are to be used in combination with a trocar system for holding plates intraorally prior to drilling and screw insertion. The required plate holding cap must be attached to the end of the trocar cannula (e.g. 62-00309 or 62-00301).





illustrated scale 1:1

Order No.	Description
	
62-00410	Plate Holding Cap for Universal Fracture Plates (gold)
	
62-00411	Plate Holding Cap for Universal Mini Plates (blue)

Drill Bits
















Drill Bits for 90° Angled Screwdriver for 2.0/2.3 Screws

illustrated scale 1:1

Order No.	for Screw Length up to	Diameter	Total Length	Shaft End
				
60-16908	8mm	1.6mm	19mm	Dental
				
60-16918	18mm	1.6mm	29mm	Dental
				
60-19908	8mm	1.9mm	19mm	Dental
				
60-19918	18mm	1.9mm	29mm	Dental

Drill Bits for 2.0/2.3mm Bone Screws

illustrated scale 1:1

Non-Sterile	for Screw Length up to	Diameter	Total Length	Shaft End
				
60-16005	5mm	1.6mm	50mm	Stryker
				
60-16405	5mm	1.6mm	50mm	Dental
				
60-16007	7mm	1.6mm	50mm	Stryker
				
60-16407	7mm	1.6mm	50mm	Dental
				
60-16035	20mm	1.6mm	115mm	Stryker
				
60-16435	20mm	1.6mm	115mm	Dental
				
60-19035	20mm	1.9mm	115mm	Stryker
				
60-19435	20mm	1.9mm	115mm	Dental
				
60-16535	20mm	1.6mm	85mm	Stryker
				
60-16735	20mm	1.6mm	85mm	Dental
				
60-19535	20mm	1.9mm	85mm	Stryker
				
60-19735	20mm	1.9mm	85mm	Dental
				
60-16526	20mm	1.6mm	58mm	Stryker
				
60-16726	20mm	1.6mm	58mm	Dental
				
60-19526	20mm	1.9mm	58mm	Stryker

Instrument Set Mandible Fixation/Fracture



Order No.	Description
29-13025	Instrument Tray Mandible
01-08110	Plate/Screw Forceps, Angled Standard
01-08115	Angled Forceps, Locking
62-18110	Straight Forceps, Standard
01-08105	Straight Forceps, Locking
64-00242	Plate Bender Left
64-00243	Plate Bender/Cutter Right
62-20290	Universal Screwdriver Handle, Ratchet
62-20295	Universal Screwdriver Handle Revolving/Rigid
62-20130	2.0/2.3mm Screwdriver Blade
62-00316	Universal Mandible Trocar Handle, Fixed
62-00314	Cheek Retractor, Fixed
62-00303	Trocar
62-02000	Trocar Drill Guide for 2.0mm Screws, Centric
62-02300	Trocar Drill Guide for 2.3mm Screws, Centric
62-02301	Trocar Drill Guide for 2.3mm Screws for Compression Plates
01-08731	Depth Measuring Gauge

Order No.	Optional Instruments
62-02001	Trocar Drill Guide for 2.0mm Screws, Eccentric
62-02301	Trocar Drill Guide for 2.3mm Screws, Eccentric
62-00441	Cheek Retractor, Variable
62-20500	Tap 2.0mm

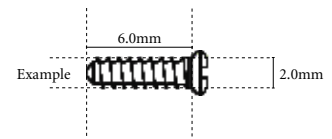
Mandible Reconstruction Module



Storage

- 29-13061** Universal Mandible Reconstruction Module with Inlay
- 52-00210** Screw type marker "Bone Screws"
- 52-00215** Screw type marker "Locking Screws"
- 52-00200** Screw diameter marker "2.0mm"
- 52-00230** Screw diameter marker "2.3mm"
- 52-00270** Screw diameter marker "2.7mm"

2.0 Mandibular Bone Screws, Cross-Pin



2.0mm Self-Tapping



2.0 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-20404	2.0 x 4mm
50-20405	2.0 x 5mm
50-20406	2.0 x 6mm
50-20407	2.0 x 7mm
50-20408	2.0 x 8mm
50-20410	2.0 x 10mm
50-20412	2.0 x 12mm
50-20414	2.0 x 14mm
50-20416	2.0 x 16mm
50-20418	2.0 x 18mm
50-20420	2.0 x 20mm

2.0mm Locking



2.0 x 6mm screw/illustrated scale 2:1

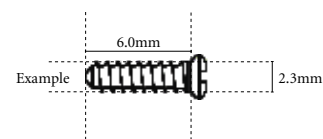
Non-Sterile 5/ea. Pack	Length
50-20504	2.0 x 4mm
50-20505	2.0 x 5mm
50-20506	2.0 x 6mm
50-20507	2.0 x 7mm
50-20508	2.0 x 8mm
50-20510	2.0 x 10mm
50-20512	2.0 x 12mm
50-20514	2.0 x 14mm
50-20516	2.0 x 16mm
50-20518	2.0 x 18mm
50-20520	2.0 x 20mm

Screwdriver Blade for 2.0/2.3mm Screws

illustrated scale 1:2

Order No.	Description
	
62-20130	2.0/2.3mm Screwdriver Blade

2.3 Mandibular Bone Screws, Cross-Pin



2.3mm Self-Tapping



2.3 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-23404	2.3 x 4mm
50-23406	2.3 x 6mm
50-23408	2.3 x 8mm
50-23410	2.3 x 10mm
50-23412	2.3 x 12mm
50-23414	2.3 x 14mm
50-23416	2.3 x 16mm
50-23418	2.3 x 18mm
50-23420	2.3 x 20mm

2.3mm Locking



2.3 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-23504	2.3 x 4mm
50-23506	2.3 x 6mm
50-23508	2.3 x 8mm
50-23510	2.3 x 10mm
50-23512	2.3 x 12mm
50-23514	2.3 x 14mm
50-23516	2.3 x 16mm
50-23518	2.3 x 18mm
50-23520	2.3 x 20mm

2.7 Mandibular Bone Screws, Cross-Pin

2.7mm Self-Tapping



2.7 x 5mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-27405	2.7 x 5mm
50-27408	2.7 x 8mm
50-27410	2.7 x 10mm
50-27412	2.7 x 12mm
50-27414	2.7 x 14mm
50-27416	2.7 x 16mm
50-27418	2.7 x 18mm
50-27420	2.7 x 20mm

2.7mm Locking



2.7 x 5mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-27505	2.7 x 5mm
50-27508	2.7 x 8mm
50-27510	2.7 x 10mm
50-27512	2.7 x 12mm
50-27514	2.7 x 14mm
50-27516	2.7 x 16mm
50-27518	2.7 x 18mm
50-27520	2.7 x 20mm

Indications Reconstruction Plates

Primary recon plates (color-coded gold):

Are indicated:

1. For the fixation of microvascular grafts only (eg. fibula, radius, scapula, iliac crest) in a single-step reconstruction after resection of a tumor, osteomyelitis or osteonecrosis
2. For the internal fixation of comminuted mandibular fractures

Recon plates (color-coded silver):

Are indicated:

1. For bridging continuity defects after resection of a tumor, osteomyelitis, or osteoradionecrosis and the fixation of:
 - microvascular grafts in a primary reconstruction
 - non-vascularised grafts in a primary reconstruction
2. For bridging a continuity defect prior to secondary reconstruction
3. For the internal fixation of comminuted mandibular fractures or defects associated with gunshot wounds and other severe trauma

Mandible Reconstruction Plates



All reconstruction plates accept both locking and neutral screws and all screw diameters 2.0, 2.3 and 2.7 mm.
2.0 mm screws should only be used for fixation of bone grafts.
A template is included in each package of all available mandibular reconstruction plates.

Primary Recon Plates

Profile Height: 1.5mm

Straight Plates



11 holes

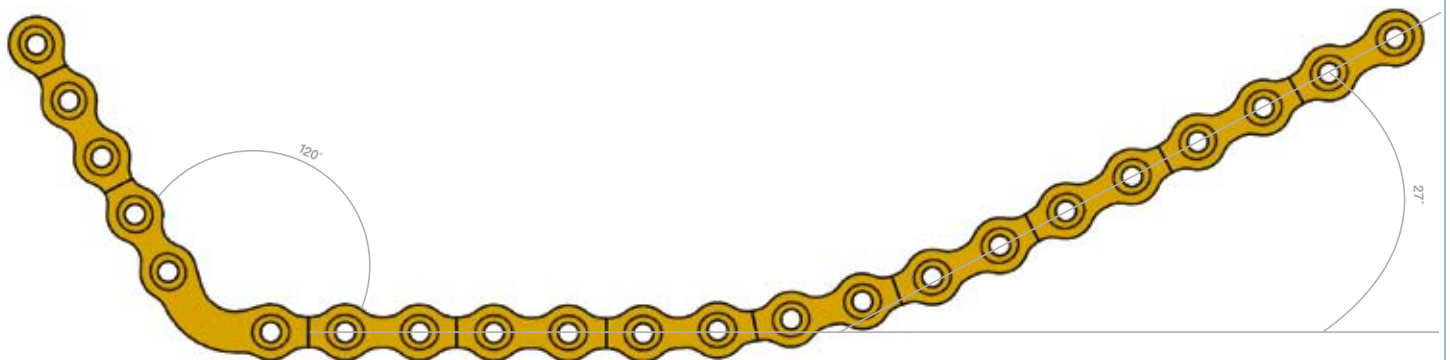
55-15911



17 holes

55-15917

Hemi Mandibular Plates



5+17 holes

55-15920 right

55-15922 left

Secondary Recon Plates

Profile Height: 2.8mm

Straight Plates



11 holes

55-28911



17 holes

55-28917

Full Mandibular Plates



6+13+6 holes

55-28934

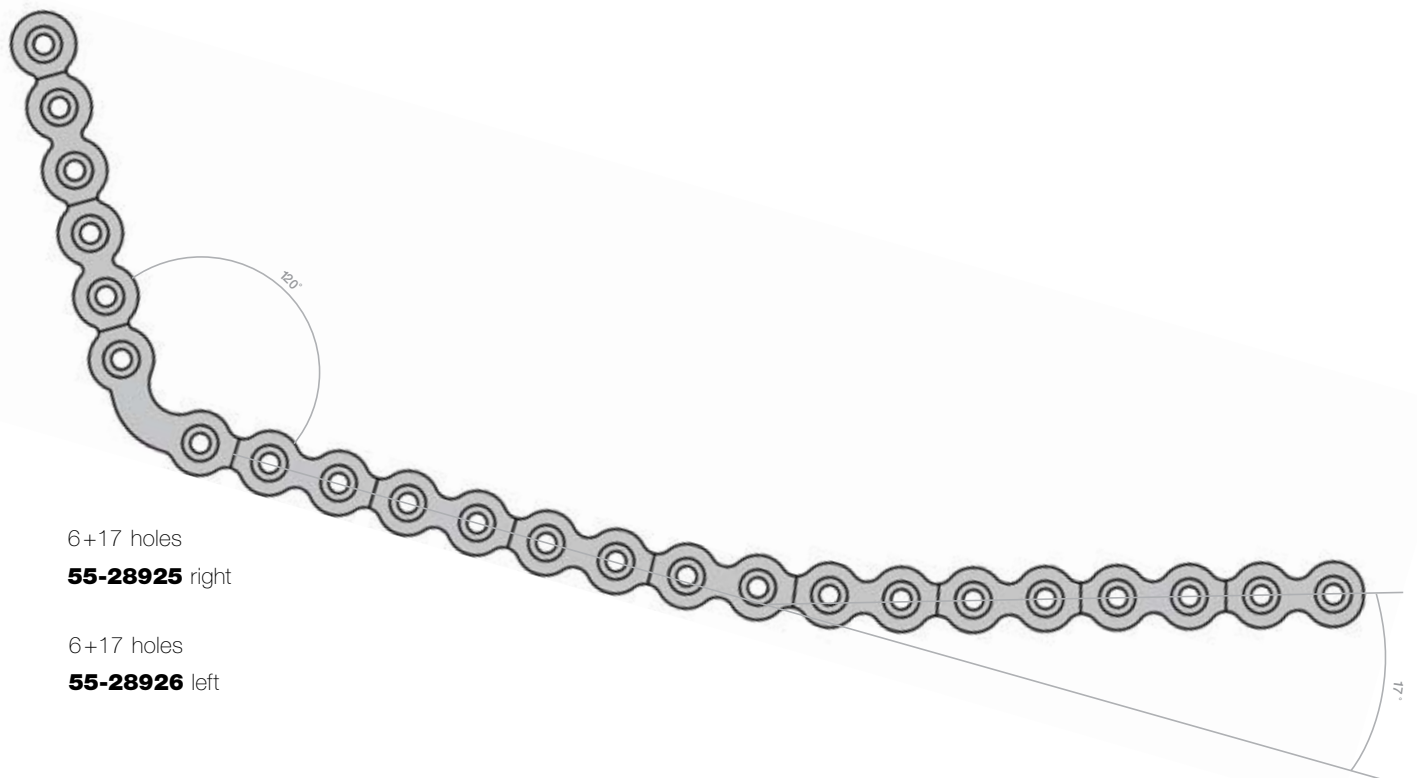
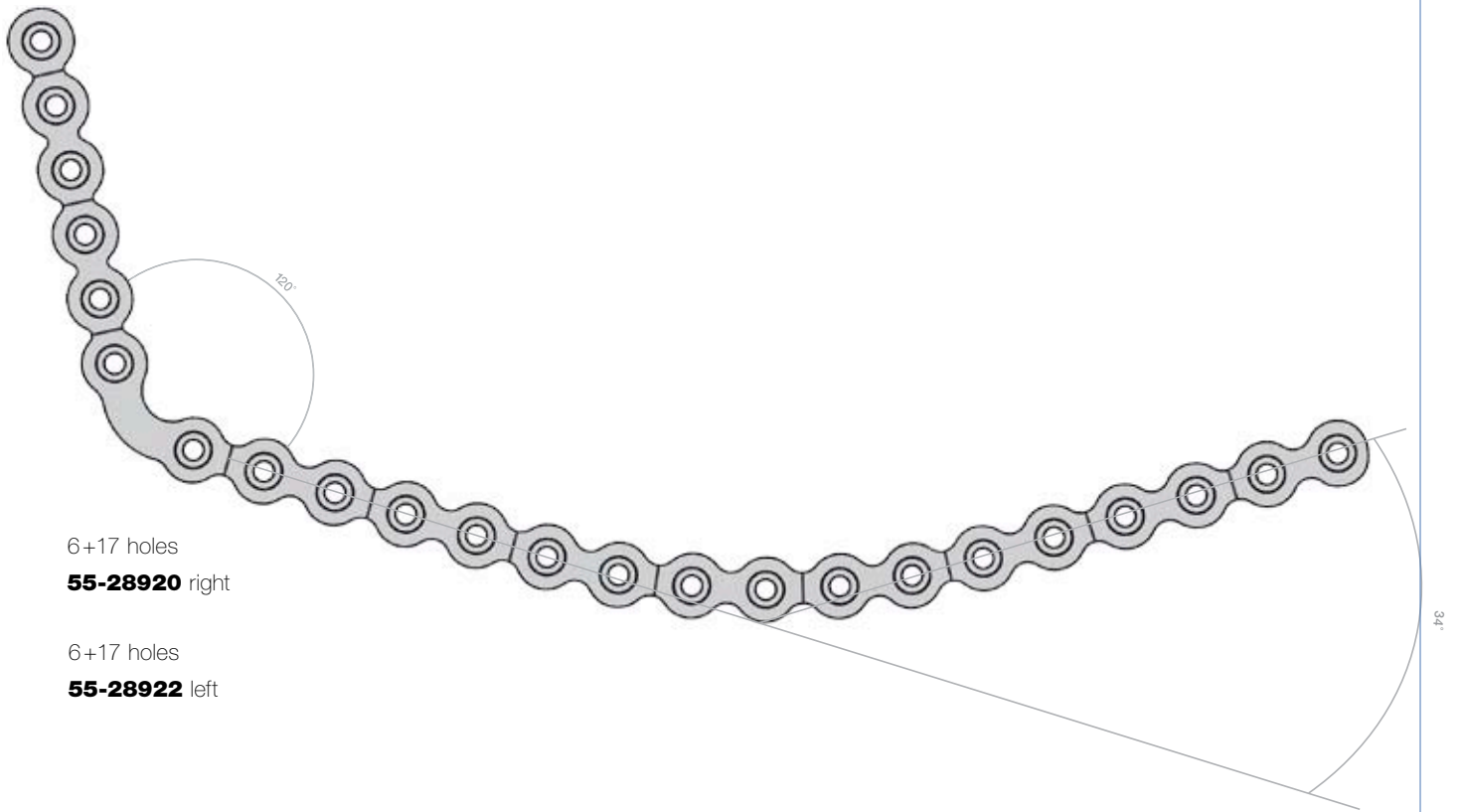
6+15+6 holes

55-28932

6+17+6 holes

55-28930

Hemi Mandibular Plates

















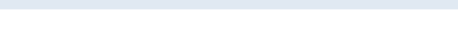
Rigid Temporary Condylar Devices

illustrated scale 1:1

Order No.	Description
	
56-25002	Temporary Condylar Prosthesis, Right
	
56-25001	Temporary Condylar Prosthesis, Left
	
56-25000	Condyle Fastening Screws (Package of two)
	
60-80142	Abrasive Burr, 42mm, Stryker Shaft End

Drill Bits for 2.0/2.3mm Bone Screws

illustrated scale 1:1

Non-Sterile	for Screw Length up to	Diameter	Total Length	Shaft End
				
60-16005	5mm	1.6mm	50mm	Stryker
				
60-16405	5mm	1.6mm	50mm	Dental
				
60-16007	7mm	1.6mm	50mm	Stryker
				
60-16407	7mm	1.6mm	50mm	Dental
				
60-16035	20mm	1.6mm	115mm	Stryker
				
60-16435	20mm	1.6mm	115mm	Dental
				
60-19035	20mm	1.9mm	115mm	Stryker
				
60-19435	20mm	1.9mm	115mm	Dental
				
60-16535	20mm	1.6mm	85mm	Stryker
				
60-16735	20mm	1.6mm	85mm	Dental
				
60-19535	20mm	1.9mm	85mm	Stryker
				
60-19735	20mm	1.9mm	85mm	Dental
				
60-16526	20mm	1.6mm	58mm	Stryker
				
60-16726	20mm	1.6mm	58mm	Dental
				
60-19526	20mm	1.9mm	58mm	Stryker

Instrument Set Mandibular Reconstruction



• Important Note: The Mandible Fixation/Fracture Instrument Set is also required to perform reconstructive procedures

Order No.	Description
29-13035	Instrument Tray Reconstruction
64-00230	Recon Bender/Cutter Left
64-00232	Recon Bender/Cutter Right
64-00250	Roller Bender for Mandibular Plates (Out-of-Plane Bending only)
64-00255	Roller Bender for Recon Plates (In-Plane and Out-of-Plane Bending)
64-00175	Plate/Bone Forceps, Atraumatic Tip, Left
64-00176	Plate/Bone Forceps, Atraumatic Tip, Right
60-80535	Temporary Recon Screw Holder
55-00322	Manipulator for 3-D Prosthesis
62-20290	Universal Screwdriver Handle, Ratchet
62-20295	Universal Screwdriver Handle, Revolving/Rigid

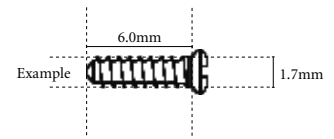
Skeletal Anchorage Module



Storage

29-00060 Skeletal Anchorage Module

Bone Screws, Cross-Pin



1.7mm Self-Tapping



1.7 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-17004	1.7 x 4mm
50-17005	1.7 x 5mm
50-17006	1.7 x 6mm

1.7mm Self-Drilling



1.7 x 6mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-17904	1.7 x 4mm
50-17905	1.7 x 5mm
50-17906	1.7 x 6mm

1.9mm Self-Tapping (Emergency)



1.9 x 5mm screw/illustrated scale 2:1

Non-Sterile 5/ea. Pack	Length
50-19003	1.9 x 3mm

Anchor Screws

1.7mm Self-Tapping



1.7 x 6mm screw/illustrated scale 2:1

Non-Sterile Single Pack	Length
51-17106	1.7 x 6mm
51-17108	1.7 x 8mm
51-17112	1.7 x 12mm

1.7mm Self-Drilling



1.7 x 5mm screw/illustrated scale 2:1

Non-Sterile Single Pack	Length
51-17195	1.7 x 5mm

Standard Plates

Straight Plates



3 holes, 9mm bar
55-06160



3 holes, 11mm bar
55-06161

T-Shape Plates



5 holes, 9mm bar
55-06162



5 holes, 11mm bar
55-06163

Locking Plates

Straight Plates



3 holes, 9mm bar
55-05160



3 holes, 11mm bar
55-05161

T-Shape Plates



5 holes, 9mm bar
55-05162



5 holes, 11mm bar
55-05163

Drill Bits

Drill Bits for 1.7mm Bone Screws

illustrated scale 1:1

Non-Sterile	for Screw Length up to	Diameter	Total Length	Shaft End
				
60-13506	6mm	1.35mm	50mm	Stryker
				
60-13512	12mm	1.4mm	54mm	Stryker




Instrument Set Skeletal Anchorage

Plate Bending/Cutting Instruments

Order No.	Description
62-18330	In situ Plate Cutter
64-00155	Plate Bending Instrument

Screwdriver Blade and Locking Activation Tool

illustrated scale 2:1

Order No.	Description
	
62-12170	Screwdriver Blade
	
62-20285	Screwdriver Handle
	
62-00606	Locking Activation Tool

MMF Self-Drilling Screw Module

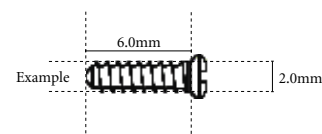


Storage

29-20400

MMF Module

Bone Screws, Cross-Pin



MMF Screws and Ligature Wire

2.0mm MMF Self-Drilling Screws



illustrated scale 2:1
2.0 x 8mm screw

Non-Sterile 4/ea. Pack	Length
50-20358	2.0 x 8mm
50-20362	2.0 x 12mm

Order Nr 10/ea.Pack.	Ligature Wires
01-03490	Blunt, 24 Gauge, Diameter 0.5 x 160mm
01-03492	Blunt, 22 Gauge, Diameter 0.64 x 160mm

Instruments

Non-Sterile	Description
62-20135	Screwdriver Blade with Grasping Sleeve (assembled)
01-03015	Spare Screwdriver Blade
01-03016	Spare Inner Tension Plier
01-03017	Spare Outer Sheath
37-10930	Wire Twister-Cutting Scissors
62-20290	Screwdriver Handle, Ratchet
62-20295	Screwdriver Handle, Revolving/Rigid
52-00008	Screw Length Marker 8mm
52-00012	Screw Length Marker 12mm

Drill Bits

Drill Bits for 2.0mm MMF Screws

illustrated scale 1:1

Non-Sterile	for Screw Length up to	Diameter	Total Length	Shaft End
60-16526	20mm	1.6mm	58mm	Stryker
60-16726	20mm	1.6mm	58mm	Dental

Lag Screw Module

Storage

29-13055 Lag Screw Module



Bone Screws, Cross-Pin

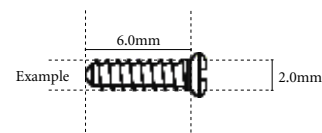
2.0mm Lag Screws



illustrated scale 2:1
2.0 x 24mm screw

Non-Sterile 5/ea. Pack	Length
53-20424	2.0 x 24mm
53-20427	2.0 x 27mm
53-20430	2.0 x 30mm
53-20433	2.0 x 33mm
53-20436	2.0 x 36mm
53-20439	2.0 x 39mm
53-20442	2.0 x 42mm

Washers



Non-Sterile 10/ea. Pack	Description
56-00400	Bioconcave Washers

Instruments

Order No.	Description
62-23501	Measuring Sleeve, 2.0/2.3mm
60-94120	Countersink
62-20501	Tap for 2.0mm Lag Screws
62-00146	Drill Guide for 1.6mm Pilot Drill
62-00148	Drill Guide for 2.0mm Overdrill

Drill Bits

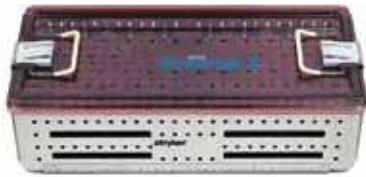
Drill Bits for 2.0mm Lag Screws

illustrated scale 1:1

Non-Sterile	for Screw Length up to	Diameter	Total Length	Shaft End
60-16050	50mm	1.6mm	125mm	Stryker
60-20050	50mm	2.0mm	125mm	Stryker

Sterilization Organization

Storage



Universal Container,
Full Size



Full Size Container,
without Lid

29-13005



Full Size Container,
Lid

29-13006



Universal Container,
Half Size



Half Size Container,
without Lid

29-13015



Half Size Container,
Lid

29-13016



Half Sized
4 Tier Container

29-13009



Sterilization Container
30 x 30 x 17cm

29-20503



Accessory Tray

29-13022

Instrument Trays

Order No.	Description
29-13031	Upper-Face/Mid-Face Instrument Tray
29-13045	Orthognathic Instrument Tray
29-13070	MP Instrument Tray
29-13025	Mandible Fixation/Fracture Instrument Tray
29-13035	Mandible Reconstruction Instrument Tray
29-13022	Generic Accessory Tray

Screw length markers

Screw length markers for implant modules



illustrated scale 1:1

Order No.	Screw length markers, 2/ea. Pack
52-00003	3
52-00004	4
52-00005	5
52-00006	6
52-00007	7
52-00008	8
52-00010	10
52-00012	12
52-00014	14
52-00016	16
52-00018	18
52-00020	20
52-00024	24
52-00027	27
52-00030	30
52-00033	33
52-00036	36
52-00039	39
52-00042	42

Changing of Screw length markers

The implant modules are equipped with exchangeable screw length markers for individual configuration.

The screw length markers can be changed using a round object (e.g. backside of a screwdriver blade) by pushing from below through the implant module.



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Stryker Craniomaxillofacial
Kalamazoo, MI, 49002 USA
t:269 324 5346
Toll free:800 962 6558
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