













MICROFIXATION
Anticipate. Innovate.™

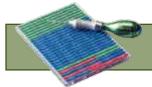
The Lorenz[®] Midface Plating System: Excellence By Design

Anticipation and innovation. These two qualities have made Biomet Microfixation an industry leader. Founded by Walter Lorenz more than thirty years ago, Biomet Microfixation offers instrumentation, plating systems and related products for a wide range of surgical procedures.

Biomet Microfixation specializes in offering titanium plating systems that meet the specific demand of trauma, orthognathic and reconstructive surgeries. The Midface system provides streamlined, efficient and versatile containers with drop-in trays that provide complete organization of implants and instrumentation in two convenient storage options.

With the Lorenz Midface Plating system, every component is neatly organized into clearly-labeled compartments to make implant location, retrieval and tracking simple and efficient. This system features an instrumentation tray and modular implant containers for 1.5mm and 2.0mm system storage. Each customizable container offers a variety of procedure-specific drills, blades, general plates and meshes to meet the specific needs of the surgeon.

The Lorenz Midface Plating System combines the functionality of modular construction, design that facilitates ease of use, excellent delivery, and the dependability of years of clinical success into a unique package.



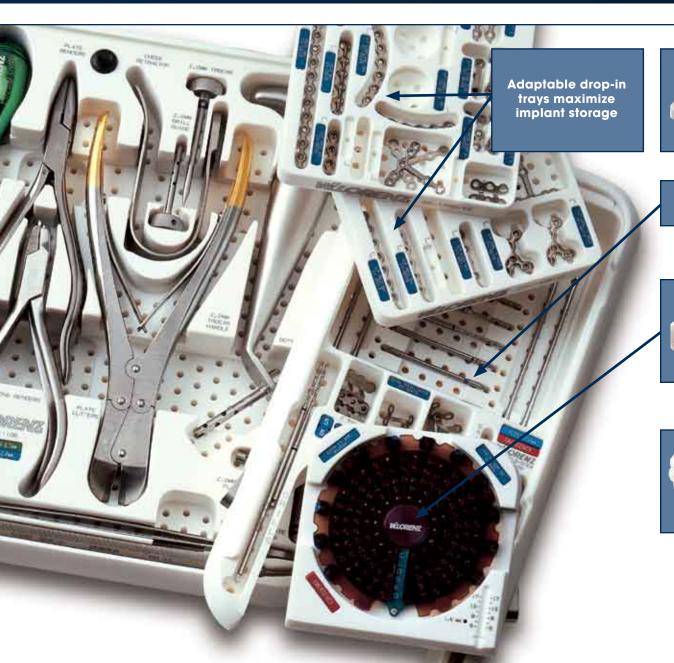
Tagging system and pocket etching identifies implants

1.5 System offers mesh and pre-formed orbital floor plate storage

2.0mm IMF screws are available in the 1.5 and 2.0 System trays

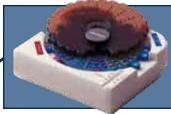
Clearly labeled instrument tray with molded compartments







2.0 System offers twist-drill storage with individual drill bays



Removable screw dial for convenient access and easy reload



Lightweight rack provides storage of Midface System in standard Aesculap® container



1.5mm Lorenz[®] Midface System

The 1.5mm Lorenz Midface System features two drop-in trays and clearly marked pockets for implants, drills and blades. All components of the 1.5mm Midface module are clearly marked with either plate specific etching or the unique Midface tagging system. Other features include:

- Removable screw dial for convenient access and easy reload
- Self-drilling screws are available in crossdrive and center-drive versions in lengths from 3.5mm to 7mm
- Self-tapping screws are available in crossdrive and center-drive versions in lengths from 3.5mm to 7mm
- High Torque (HT) screws provide additional screw retention
- 0.6mm profile titanium plates allow for optimal stability with minimal palpability
- Broad selection of meshes and procedurespecific plates

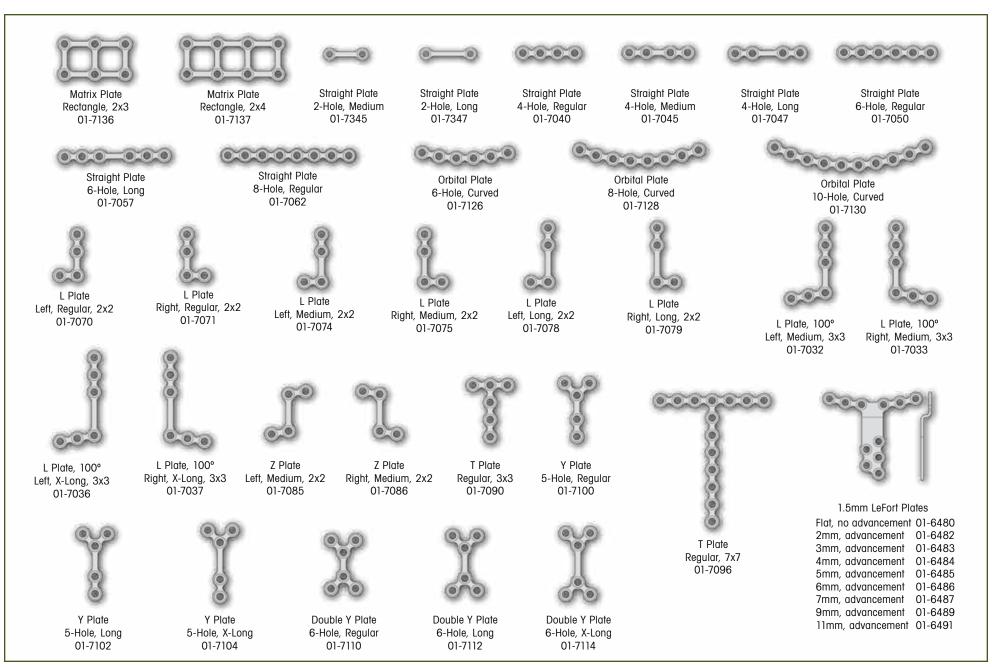
Indications

- Trauma
- Neurosurgery
- Craniomaxillary Reconstruction
- Orthognathic Procedures in the Midface

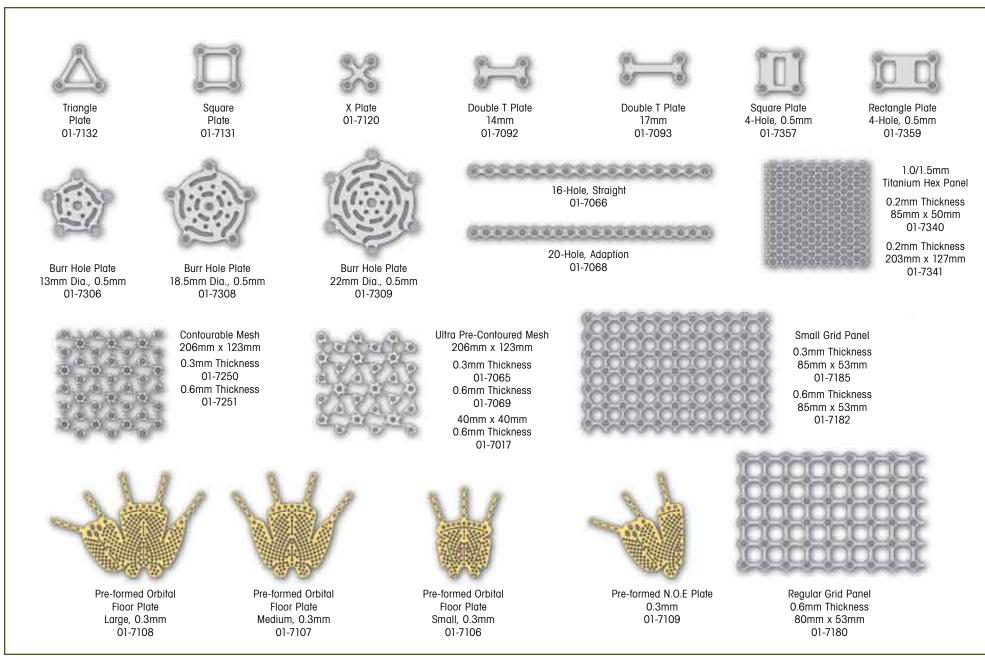




1.5mm Plates



1.5mm Plates



1.5mm Screws

1.5mm HT X-Drive Screws*(5pk)



^{*} Must be used with HT Blade 91-XXXX for single screws

1.5mm HT X-Drive Self-Drilling Screws*(5 pk)

Part #	Description
95-6103	1.5 x 3.5mm HT X-Drive Self-Drilling
95-6104	1.5 x 4mm HT X-Drive Self-Drilling
95-6105	1.5 x 5mm HT X-Drive Self-Drilling
95-6106	1.5 x 6mm HT X-Drive Self-Drilling
95-6107	1.5 x 7mm HT X-Drive Self-Drilling

^{*} Must be used with HT Blade 91-XXXX for single screws

1.5mm Center-Drive Screws (5pk)

Part #	Description
01-7202	1.5 x 2.5mm Center-Drive
01-7203	1.5 x 3.5mm Center-Drive
01-7204	1.5 x 4mm Center-Drive
01-7205	1.5 x 5mm Center-Drive
01-7206	1.5 x 6mm Center-Drive
01-7207	1.5 x 7mm Center-Drive
01-7208	1.5 x 8mm Center-Drive
01-7209	1.5 x 9mm Center-Drive
01-7211	1.5 x 11mm Center-Drive
01-7213	1.5 x 13mm Center-Drive
01-7215	1.5 x 15mm Center-Drive
01-7223	1.8 x 3.5mm Center-Drive Emergency
01-7225	1.8 x 5mm Center-Drive Emergency
01-7227	1.8 x 7mm Center-Drive Emergency
99-XXXX for sing	gle screws

1.5mm Center-Drive Self-Drilling Screws (5 pk)

	Part #	Description	4
	01-7283	1.5 x 3.5mm Center-Drive Self-Drilling	
	01-7284	1.5 x 4mm Center-Drive Self-Drilling	
	01-7285	1.5 x 5mm Center-Drive Self-Drilling	
99-XXXX for single screws			

Twist Drills

01-7393



 Hall Drill
 Hall Drill
 Hall Drill

 1.1 x 87mm
 1.1 x 87mm
 1.1 x 97mm

 3.5mm Stop
 5mm Stop
 7mm Stop

Black Max Drill
1.1 x 104mm
3.5mm Stop
01-7392
Black Max Drill
1.1 x 104mm
5mm Stop
01-7394

01-7395

 Midas Rex
 Midas Rex
 Midas Rex

 1.0 x 38mm
 1.0 x 38mm
 1.1 x 38mm

 3.5mm Stop
 5mm Stop
 5mm Stop

 01-7143
 01-7145
 01-7139

Midas Rex G3 Midas Rex G3
1.1 x 3.5mm Stop 15-1713 15-1715

Contra Angle Contra-Angle
1.1 x 8mm 1.1 x 16mm
01-6950 01-6951

Items not to scale

01-7397



2.0mm Lorenz[®] Midface System

The 2.0mm Lorenz Midface System includes two drop-in trays fully adaptable to specific 2.0mm needs; an optional 2.0 mandibular fracture tray is also available. The system features a designated drill compartment with individual drill bays. All components in the 2.0mm Midface module are clearly marked with either plate specific etching or the unique Midface tagging system. Other features include:

- Removable screw dial for convenient access and easy reload
- Self-drilling cross-drive screws are available in lengths from 4mm to 7mm
- Self-tapping screws are available in crossdrive and center-drive versions in lengths from 4mm to 19mm
- High Torque (HT) screws provide for additional screw retention
- 2.0mm Midface plates available in both 0.6mm and 1.0mm profiles to accommodate specific surgical preferences
- Broad selection of procedure-specific plates

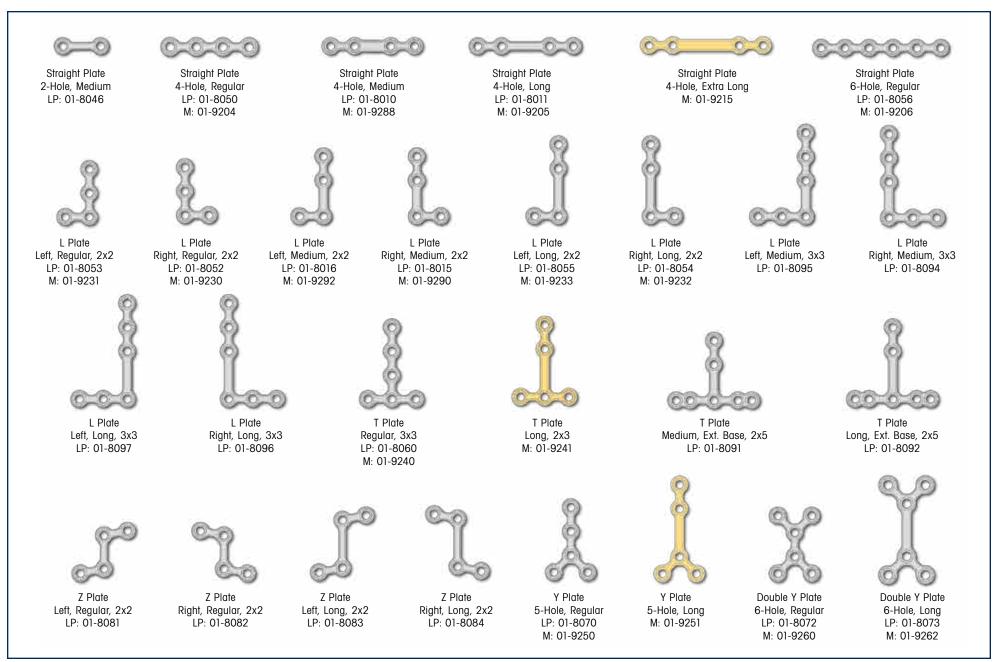
Indications

- Orthognathic Surgery of the Midface and Mandible
- Oral and Maxillofacial Trauma
- Reconstructive Surgery

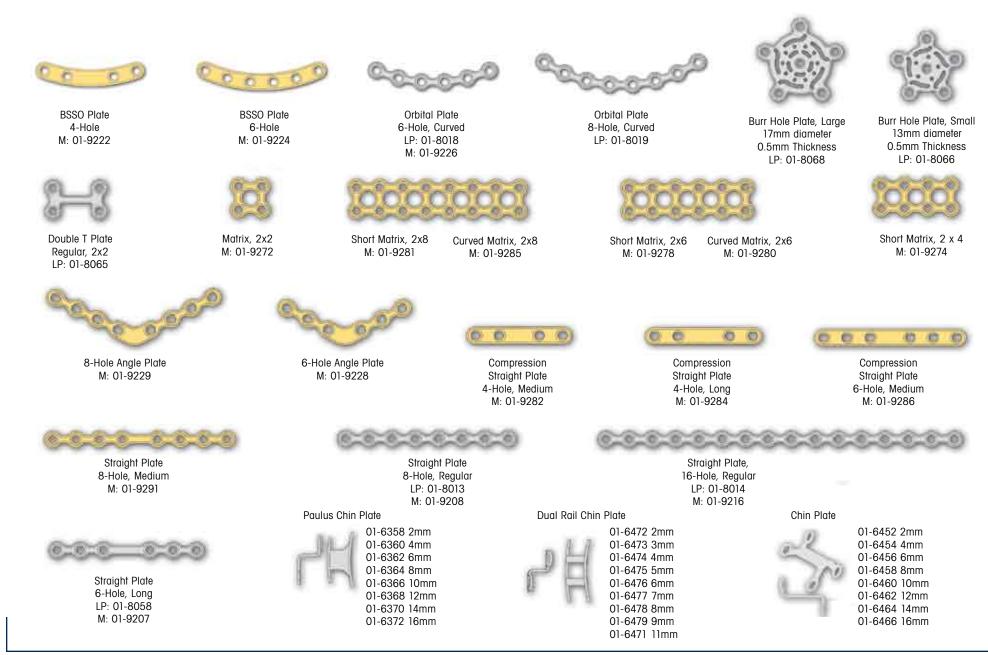




2.0mm Plates

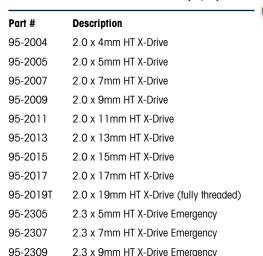


2.0mm Plates



2.0mm Screws

2.0mm HT X-Drive Screws*(5pk)



^{*} Must be used with HT Blade 91-XXXX for single screws

95-2311

2.0mm HT Self-Drilling Screws* (5 pk)

2.3 x 9mm HT X-Drive Emergency

2.3 x 11mm HT X-Drive Emergency

Part #	Description
95-6204	2.0 x 4mm HT Self-Drilling
95-6205	2.0 x 5mm HT Self-Drilling
95-6207	2.0 x 7mm HT Self-Drilling

^{*} Must be used with HT Blade 91-XXXX for single screws

2.0mm Self-Drilling IMF Screws (5pk)



2.0mm IMF Screws (5pk)

Part #	Description	
95-5213	2.0 x 13mm IMF	
95-5215	2.0 x 15mm IMF	
91-XXXX for single screws		

2.0mm Center-Drive Screws (10 pk)

Part #	Description	
01-9474	2.0 x 4mm Center-Drive	
01-9475	2.0 x 5mm Center-Drive	
01-9476	2.0 x 6mm Center-Drive	
01-9477	2.0 x 7mm Center-Drive	
01-9479	2.0 x 9mm Center-Drive	
01-9481	2.0 x 11mm Center-Drive	
01-9483	2.0 x 13mm Center-Drive	
01-9485	2.0 x 15mm Center-Drive	
01-9487	2.0 x 17mm Center-Drive	
01-9489	2.0 x 19mm Center-Drive	
01-9495	2.3 x 5mm Center-Drive Emergency	
01-9497	2.3 x 7mm Center-Drive Emergency	
01-9499	2.3 x 9mm Center-Drive Emergency	
99-XXXX for sing	gle screws	

Twist Drills



1.5 x 50mm 1.5 x 70mm No Stop No Stop 01-9196 01-9197



1.5 x 105mm 1.5 x 105mm 1.5 x 105mm 5mm Stop No Stop 7mm Stop 01-9198 01-9199 01-9200

> 1.5 x 105mm 1.5 x 115mm 11mm Stop 37mm Stop 01-9202 01-9203

Contra Angle Contra Angle 1.5 x 15mm 1.5 x 7mm 5mm Stop 5mm Stop 01-9180 01-9181

Contra Angle 1.5 x 18mm 5mm Stop 01-9182

Midas Rex 1.5 x 5mm Stop 01-9185

Items not to scale



Instruments



1.5mm Blades

1 5mm Contar Drive 1 5mm Contar Drive 1 5mm Control

 1.5mm Center-Drive Standard
 1.5mm Center-Drive Short
 1.5mm Contra-Angle Center-Drive 01-7176

 01-7176
 01-7171
 01-7178

-

2.0mm Blades

 2.0mm Center-Drive
 2.0mm Center-Drive
 2.0 HT X-Lock

 Standard
 Contra-Angle
 Contra-Angle*

 01-9047
 01-9049
 20-1193

2.0 HT X-Lock Short* 2.0 HT X-Lock Long* 20-1194 20-1196

*must be used with HT screws



2.0mm Tap 01-9048

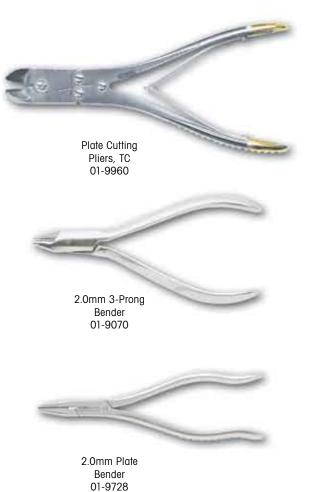


2.0mm Plate Holding Wand 01-9086



Plate Bending Plier 01-7465







Components





1.5/2.0 Midface System Instrument Tray 15-1106



Aesculap® Trauma Combo Container Holds up to 6 implant trays and instruments (instruments, implants and trays are not included) 01-9011





1.5/2.0 Midface Trays with tagging and Aesculap® Frame (instruments and implants not included) 15-1161





Aesculap® container (15-1161 not included) 01-9510





1.5mm Midface Implant Container (w/Drop-in Trays) 15-1100



1.5mm Dedicated Plate Replacement Drop-in Tray 15-1100-13



1.5mm Adaptable Plate Replacement Drop-in Tray 15-1100-12



1.5mm Replacement Screw Dial 15-1100-08



2.0mm Replacement Screw Dial 20-1100-08



2.0mm Midface Implant Container (w/Drop-in Trays) 20-1100



2.0mm Adaptable Plate Replacement Drop-in Tray 20-1100-13



2.0mm Dedicated Plate Replacement Drop-in Tray 20-1100-12



Optional 2.0mm Mandibular Fracture Tray 20-1100-14



Midface Tagging System
with Removal Tool — 15-2400
Removal Tool only — 15-2401
(Removal Tool used in screwdriver handle)



What fascinates you about the body is also what drives us. That's why we're always pushing the boundaries of engineering to make products that help you keep the human form as glorious as it was intended. To learn more about our breadth of products, call 800-874-7711 or visit us online at biometmicrofixation.com.

We'd love to join you in a conversation about the future.



For more information on the Lorenz® Plating System Midface, please contact us at:

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