Lorenz® Plating System Midface

1.5/2.0mm

BIOMET® MICROFIXATION

Anticipate. Innovate.™

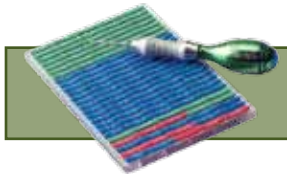
The Lorenz® Midface Plating System: Excellence By Design

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.

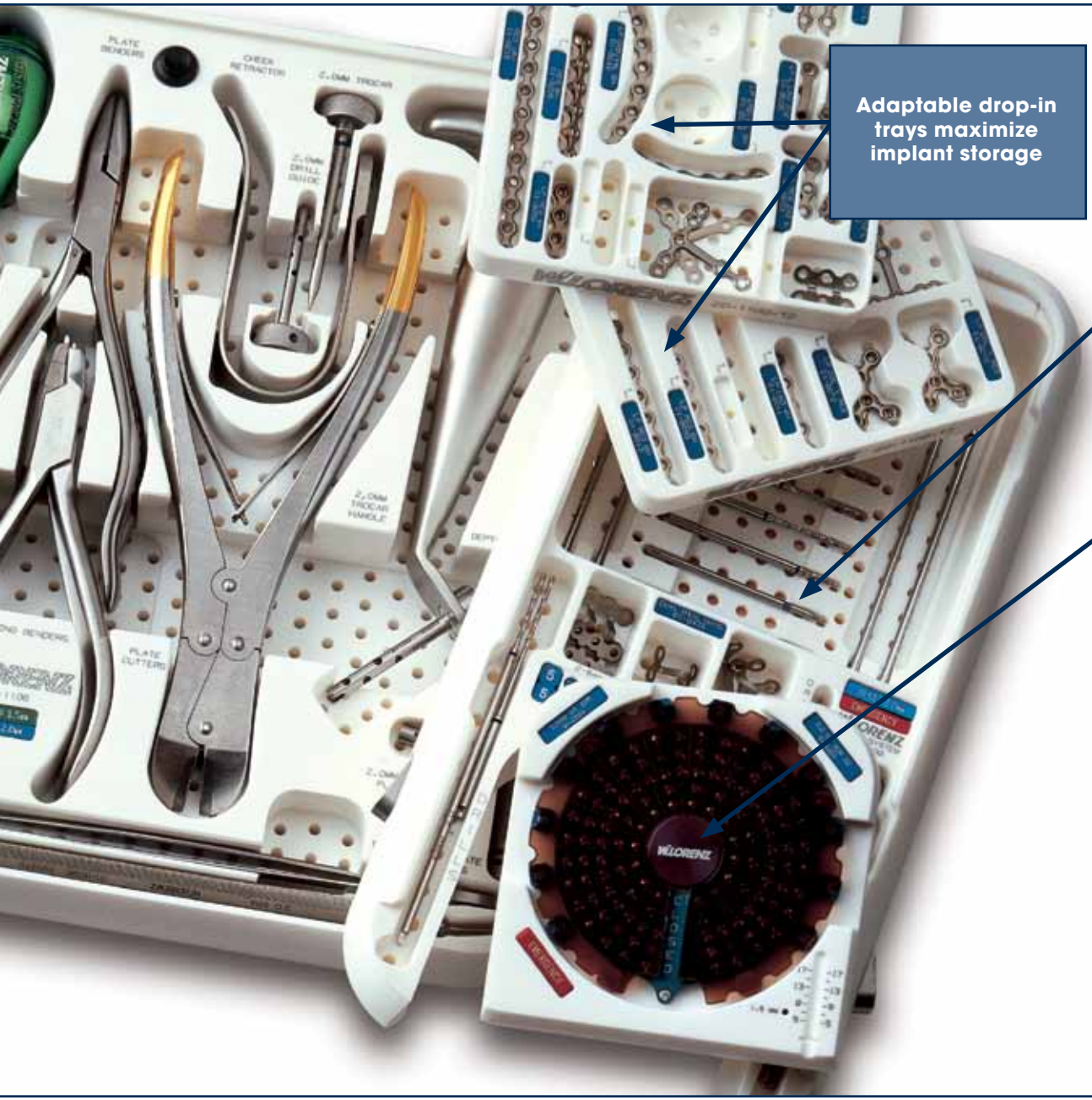


Tagging system and pocket etching identifies implants

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



Adaptable drop-in trays maximize implant storage

Optional 2.0mm Mandibular Fracture drop-in tray

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

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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 cross-drive and center-drive versions in lengths from 3.5mm to 7mm
- Self-tapping screws are available in cross-drive 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 procedure-specific plates

Indications

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

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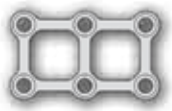
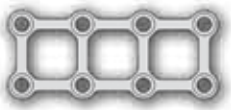
1.5mm Plates



Matrix Plate
Rectangle, 2x3
01-7136



Matrix Plate
Rectangle, 2x4
01-7137

Straight Plate
2-Hole, Medium
01-7345

Straight Plate
2-Hole, Long
01-7347

Straight Plate
4-Hole, Regular
01-7040

Straight Plate
4-Hole, Medium
01-7045

Straight Plate
4-Hole, Long
01-7047

Straight Plate
6-Hole, Regular
01-7050

Straight Plate
6-Hole, Long
01-7057

Straight Plate
8-Hole, Regular
01-7062

Orbital Plate
6-Hole, Curved
01-7126

Orbital Plate
8-Hole, Curved
01-7128

Orbital Plate
10-Hole, Curved
01-7130

L Plate
Left, Regular, 2x2
01-7070

L Plate
Right, Regular, 2x2
01-7071

L Plate
Left, Medium, 2x2
01-7074

L Plate
Right, Medium, 2x2
01-7075

L Plate
Left, Long, 2x2
01-7078

L Plate
Right, Long, 2x2
01-7079

L Plate, 100°
Left, Medium, 3x3
01-7032

L Plate, 100°
Right, Medium, 3x3
01-7033

L Plate, 100°
Left, X-Long, 3x3
01-7036

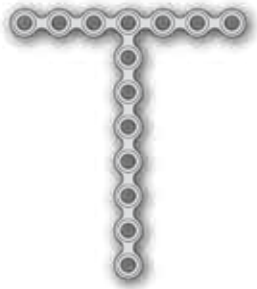
L Plate, 100°
Right, X-Long, 3x3
01-7037

Z Plate
Left, Medium, 2x2
01-7085

Z Plate
Right, Medium, 2x2
01-7086

T Plate
Regular, 3x3
01-7090

Y Plate
5-Hole, Regular
01-7100



T Plate
Regular, 7x7
01-7096

1.5mm LeFort Plates

Flat, no advancement	01-6480
2mm, advancement	01-6482
3mm, advancement	01-6483
4mm, advancement	01-6484
5mm, advancement	01-6485
6mm, advancement	01-6486
7mm, advancement	01-6487
9mm, advancement	01-6489
11mm, advancement	01-6491

Y Plate
5-Hole, Long
01-7102

Y Plate
5-Hole, X-Long
01-7104

Double Y Plate
6-Hole, Regular
01-7110

Double Y Plate
6-Hole, Long
01-7112

Double Y Plate
6-Hole, X-Long
01-7114

Items not to scale. 0.6mm profile unless otherwise noted.

1.5mm Plates

Triangle
Plate
01-7132

Square
Plate
01-7131

X Plate
01-7120

Double T Plate
14mm
01-7092

Double T Plate
17mm
01-7093

Square Plate
4-Hole, 0.5mm
01-7357

Rectangle Plate
4-Hole, 0.5mm
01-7359

Burr Hole Plate
13mm Dia., 0.5mm
01-7306

Burr Hole Plate
18.5mm Dia., 0.5mm
01-7308

Burr Hole Plate
22mm Dia., 0.5mm
01-7309

16-Hole, Straight
01-7066

20-Hole, Adaption
01-7068

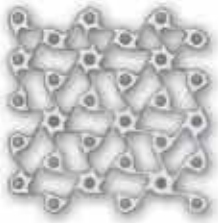
1.0/1.5mm
Titanium Hex Panel

0.2mm Thickness
85mm x 50mm
01-7340

0.2mm Thickness
203mm x 127mm
01-7341

Contourable Mesh
206mm x 123mm

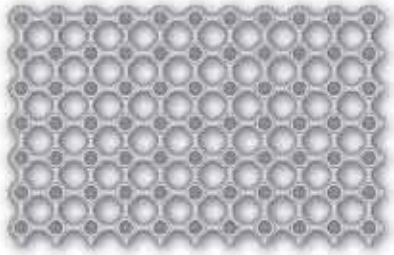
0.3mm Thickness
01-7250
0.6mm Thickness
01-7251



Ultra Pre-Contoured Mesh
206mm x 123mm

0.3mm Thickness
01-7065
0.6mm Thickness
01-7069

40mm x 40mm
0.6mm Thickness
01-7017



Small Grid Panel

0.3mm Thickness
85mm x 53mm
01-7185

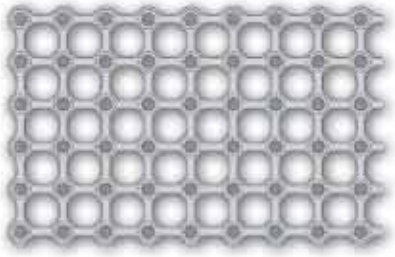
0.6mm Thickness
85mm x 53mm
01-7182

Pre-formed Orbital
Floor Plate
Large, 0.3mm
01-7108

Pre-formed Orbital
Floor Plate
Medium, 0.3mm
01-7107

Pre-formed Orbital
Floor Plate
Small, 0.3mm
01-7106

Pre-formed N.O.E Plate
0.3mm
01-7109



Regular Grid Panel
0.6mm Thickness
80mm x 53mm
01-7180

Items not to scale. 0.6mm profile unless otherwise noted.

1.5mm Screws

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

Part #	Description
95-1503	1.5 x 3.5mm HT X-Drive
95-1504	1.5 x 4mm HT X-Drive
95-1505	1.5 x 5mm HT X-Drive
95-1506	1.5 x 6mm HT X-Drive
95-1507	1.5 x 7mm HT X-Drive
95-1508	1.5 x 8mm HT X-Drive
95-1509	1.5 x 9mm HT X-Drive
95-1511	1.5 x 11mm HT X-Drive
95-1513	1.5 x 13mm HT X-Drive
95-1515	1.5 x 15mm HT X-Drive
95-1803	1.8 x 3.5mm HT X-Drive Emergency
95-1805	1.8 x 5mm HT X-Drive Emergency
95-1807	1.8 x 7mm HT X-Drive Emergency
95-1809	1.8 x 9mm HT X-Drive Emergency

* 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 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 Self-Drilling Screws (5 pk)

Part #	Description
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

1.1 x 50mm
3.5mm Stop
01-7141

1.1 x 50mm
5mm Stop
01-7142

1.1 x 50mm
7mm Stop
01-7144

1.1 x 50mm
9mm Stop
01-7146

1.1 x 50mm
15mm Stop
01-7148

1.1 x 105mm
18mm Stop
01-7149

Hall Drill
1.1 x 87mm
3.5mm Stop
01-7393

Hall Drill
1.1 x 87mm
5mm Stop
01-7395

Hall Drill
1.1 x 97mm
7mm Stop
01-7397

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

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

Midas Rex
1.0 x 38mm
3.5mm Stop
01-7143

Midas Rex
1.0 x 38mm
5mm Stop
01-7145

Midas Rex
1.1 x 38mm
5mm Stop
01-7139

Midas Rex G3
1.1 x 3.5mm Stop
15-1713

Midas Rex G3
1.1 x 5mm Stop
15-1715

Contra Angle
1.1 x 8mm
01-6950

Contra-Angle
1.1 x 16mm
01-6951

Items not to scale

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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 cross-drive 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

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2.0mm Plates

Straight Plate
2-Hole, Medium
LP: 01-8046

Straight Plate
4-Hole, Regular
LP: 01-8050
M: 01-9204

Straight Plate
4-Hole, Medium
LP: 01-8010
M: 01-9288

Straight Plate
4-Hole, Long
LP: 01-8011
M: 01-9205

Straight Plate
4-Hole, Extra Long
M: 01-9215

Straight Plate
6-Hole, Regular
LP: 01-8056
M: 01-9206

L Plate
Left, Regular, 2x2
LP: 01-8053
M: 01-9231

L Plate
Right, Regular, 2x2
LP: 01-8052
M: 01-9230

L Plate
Left, Medium, 2x2
LP: 01-8016
M: 01-9292

L Plate
Right, Medium, 2x2
LP: 01-8015
M: 01-9290

L Plate
Left, Long, 2x2
LP: 01-8055
M: 01-9233

L Plate
Right, Long, 2x2
LP: 01-8054
M: 01-9232

L Plate
Left, Medium, 3x3
LP: 01-8095

L Plate
Right, Medium, 3x3
LP: 01-8094

L Plate
Left, Long, 3x3
LP: 01-8097

L Plate
Right, Long, 3x3
LP: 01-8096

T Plate
Regular, 3x3
LP: 01-8060
M: 01-9240

T Plate
Long, 2x3
M: 01-9241

T Plate
Medium, Ext. Base, 2x5
LP: 01-8091

T Plate
Long, Ext. Base, 2x5
LP: 01-8092

Z Plate
Left, Regular, 2x2
LP: 01-8081

Z Plate
Right, Regular, 2x2
LP: 01-8082

Z Plate
Left, Long, 2x2
LP: 01-8083

Z Plate
Right, Long, 2x2
LP: 01-8084

Y Plate
5-Hole, Regular
LP: 01-8070
M: 01-9250

Y Plate
5-Hole, Long
M: 01-9251

Double Y Plate
6-Hole, Regular
LP: 01-8072
M: 01-9260

Double Y Plate
6-Hole, Long
LP: 01-8073
M: 01-9262

LP = 0.6mm thickness (silver)
M = 1.0mm thickness (gold)

2.0mm Plates

BSSO Plate
4-Hole
M: 01-9222

BSSO Plate
6-Hole
M: 01-9224

Orbital Plate
6-Hole, Curved
LP: 01-8018
M: 01-9226

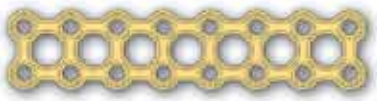
Orbital Plate
8-Hole, Curved
LP: 01-8019

Burr Hole Plate, Large
17mm diameter
0.5mm Thickness
LP: 01-8068

Burr Hole Plate, Small
13mm diameter
0.5mm Thickness
LP: 01-8066

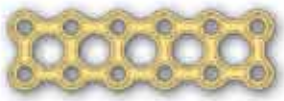
Double T Plate
Regular, 2x2
LP: 01-8065

Matrix, 2x2
M: 01-9272



Short Matrix, 2x8
M: 01-9281

Curved Matrix, 2x8
M: 01-9285



Short Matrix, 2x6
M: 01-9278

Curved Matrix, 2x6
M: 01-9280

Short Matrix, 2 x 4
M: 01-9274

8-Hole Angle Plate
M: 01-9229

6-Hole Angle Plate
M: 01-9228

Compression
Straight Plate
4-Hole, Medium
M: 01-9282

Compression
Straight Plate
4-Hole, Long
M: 01-9284

Compression
Straight Plate
6-Hole, Medium
M: 01-9286

Straight Plate
8-Hole, Medium
M: 01-9291

Straight Plate
8-Hole, Regular
LP: 01-8013
M: 01-9208

Straight Plate,
16-Hole, Regular
LP: 01-8014
M: 01-9216

Straight Plate
6-Hole, Long
LP: 01-8058
M: 01-9207

Paulus Chin Plate

01-6358 2mm
01-6360 4mm
01-6362 6mm
01-6364 8mm
01-6366 10mm
01-6368 12mm
01-6370 14mm
01-6372 16mm

Dual Rail Chin Plate

01-6472 2mm
01-6473 3mm
01-6474 4mm
01-6475 5mm
01-6476 6mm
01-6477 7mm
01-6478 8mm
01-6479 9mm
01-6471 11mm

Chin Plate

01-6452 2mm
01-6454 4mm
01-6456 6mm
01-6458 8mm
01-6460 10mm
01-6462 12mm
01-6464 14mm
01-6466 16mm

LP= 0.6mm thickness (silver)
M= 1.0mm profile thickness (gold)

2.0mm Screws

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

Part #	Description
95-2004	2.0 x 4mm HT X-Drive
95-2005	2.0 x 5mm HT X-Drive
95-2007	2.0 x 7mm HT X-Drive
95-2009	2.0 x 9mm HT X-Drive
95-2011	2.0 x 11mm HT X-Drive
95-2013	2.0 x 13mm HT X-Drive
95-2015	2.0 x 15mm HT X-Drive
95-2017	2.0 x 17mm HT X-Drive
95-2019T	2.0 x 19mm HT X-Drive (fully threaded)
95-2305	2.3 x 5mm HT X-Drive Emergency
95-2307	2.3 x 7mm HT X-Drive Emergency
95-2309	2.3 x 9mm HT X-Drive Emergency
95-2311	2.3 x 11mm HT X-Drive Emergency
95-2313	2.3 x 13mm HT X-Drive Emergency
95-2315	2.3 x 15mm HT X-Drive Emergency
95-2317	2.3 x 17mm HT X-Drive Emergency

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

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

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)

Part #	Description
95-5305	2.0 x 5mm Self-Drilling IMF
95-5307	2.0 x 7mm Self-Drilling IMF
95-5309	2.0 x 9mm Self-Drilling IMF
95-5311	2.0 x 11mm Self-Drilling IMF

91-XXXX for single screws

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 (10pk)

Part #	Description
01-9474	2.0 x 4mm Center-Drive
01-9475	2.0 x 5mm 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 single screws

Twist Drills

1.5 x 50mm
5mm Stop
01-9192

1.5 x 50mm
7mm Stop
01-9193

1.5 x 50mm
10mm Stop
01-9195

1.5 x 50mm
No Stop
01-9196

1.5 x 70mm
No Stop
01-9197

1.5 x 105mm
No Stop
01-9198

1.5 x 105mm
5mm Stop
01-9199

1.5 x 105mm
7mm Stop
01-9200

1.5 x 105mm
11mm Stop
01-9202

1.5 x 115mm
37mm Stop
01-9203

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

Contra Angle
1.5 x 15mm
5mm Stop
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

BIOMET® MICROFIXATION
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Instruments

1.5/2.0 Standard Handle
01-7164

90° Contra Angle
Screwdriver
24-1189

Orbital Retractor
Small
15-0280
Medium
15-0281

Green Screwdriver Handle
01-7390

Beuse Plate
Holding Forceps
01-9095

Snap-On Cheek Retractor
24-2556

2.0/2.4 Screwdriver
Handle
01-7600

Ratcheting 2.0/2.4
T Handle
24-9905

1.5/2.0 Depth Gauge
01-9123

Cheek Retractor
01-2556

2.0mm Trocar
24-1124

2.0mm Drill Guide
24-1126

2.0mm Cannula
Plate Holder
24-1128

2.0mm Trocar Handle w/ Cannula
20-1140

1.5mm Blades

1.5mm Center-Drive
Standard
01-7176

1.5mm Center-Drive
Short
01-7171

1.5mm Contra-Angle
Center-Drive
01-7178

1.5mm HT X-Lock
Standard*
15-1196

1.5mm HT X-Lock
Short*
15-1194

1.5mm HT X-Lock
Contra-Angle*
15-1193

2.0mm Blades

2.0mm Center-Drive
Standard
01-9047

2.0mm Center-Drive
Contra-Angle
01-9049

2.0 HT X-Lock
Contra-Angle*
20-1193

2.0 HT X-Lock Short*
20-1194

2.0 HT X-Lock Long*
20-1196

*must be used with HT screws

IMF Sleeve Blade
20-1199

2.0mm Tap
01-9048

1.5mm Plate
Holding Wand
01-7186

2.0mm Plate
Holding Wand
01-9086

1.5mm 3-Prong Bender
01-7167

Plate Bending Plier
01-7465

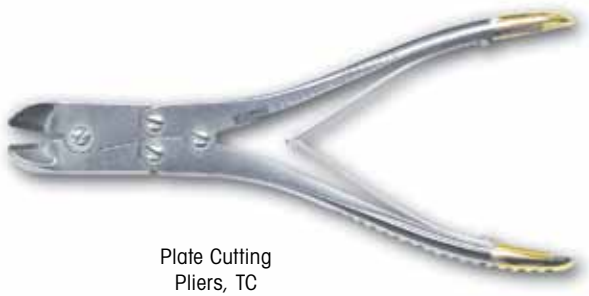

Plate Cutting
Pliers, TC
01-9960

2.0mm 3-Prong
Bender
01-9070

2.0mm Plate
Bender
01-9728

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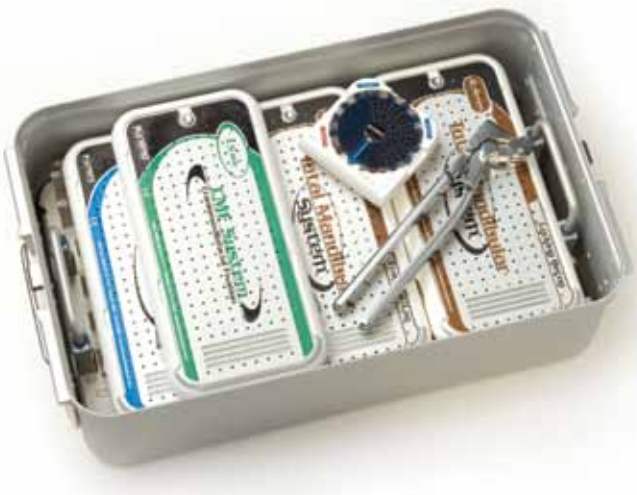
Components

1.5/2.0 Midface System
Instrument Tray
15-1106

1.5/2.0 Midface
Complete with tagging system
(instruments and implants not included)
15-1151

Midface Rack only
15-1150



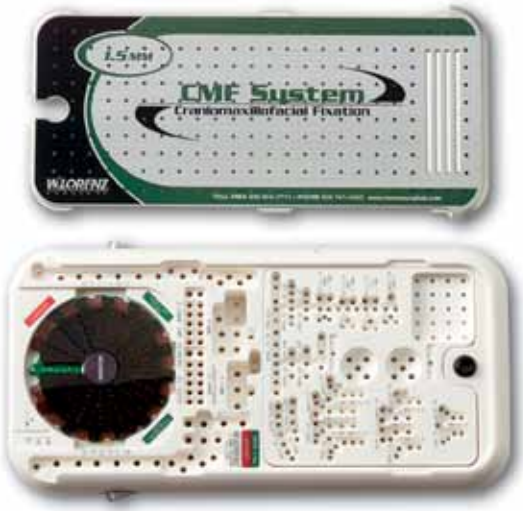
Aesculap® Trauma Combo Container
Holds up to 6 implant trays and instruments
(instruments, implants and trays are not included)
01-9011

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

Aesculap®
System Frame
15-1160

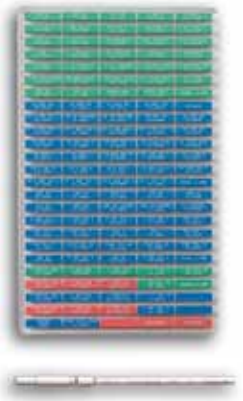
Aesculap® container
(15-1161 not included)
01-9510

Items not to scale



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

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



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

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

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

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

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

1.5mm
Replacement Screw Dial
15-1100-08

2.0mm
Replacement Screw Dial
20-1100-08

Optional 2.0mm Mandibular
Fracture Tray
20-1100-14

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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.

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

GLOBAL HEADQUARTERS

1520 Tradeport Drive • Jacksonville, FL 32218-2480

Tel (904) 741-4400 • Toll-Free (800) 874-7711 • Fax (904) 741-4500 • Order Fax (904) 741-3059

www.biometmicrofixation.com

EUROPE

Toermalijnring 600 • 3316 LC Dordrecht • The Netherlands

Tel +31 78 629 29 10 • Fax 31 78 629 29 12

e-mail: europe@biomet.com

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