

Lorenz® Plating System Neuro



BIOMET
MICROFIXATION
One Surgeon. One Patient.

Setting the Standard



1.5mm High Torque Self-Drilling Screws

- Provides maximum screw-blade retention
- Compatible with standard screwdrivers, Power Driver, and RapidFire delivery system



RapidFire® Delivery System

- Eliminates screw loading in the OR
- Provides the security of factory-loaded retention



Patented technology available only from Biomet, U.S. Patent no. US7461574B2

New 1.5mm Plate Design

- Provides lower overall plate-screw profile
- Compatible with 1.5mm high torque self-drilling screws



Innovative Products. Rapid Response.

The Rapid Response program at Biomet Microfixation is committed to providing quality products designed to meet the unique needs of each surgeon.

Using our advanced resources, including a dedicated team of Rapid Response engineers and in-house manufacturing facilities, we can produce specialty implants and instrumentation at an accelerated pace.

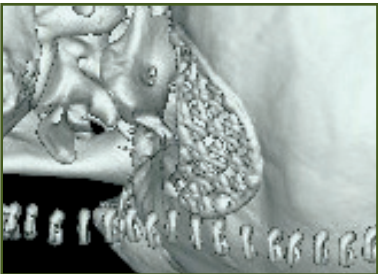
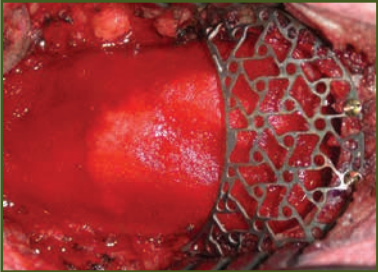
It's all a part of our partnership to meet the needs of you and your patients.

Rapid Response Advantages

- Specialize in designing and modifying plates, screws, blades, instrumentation and trays
- Rapid prototyping of plates, instrumentation, and trays
- Rapid turnaround time for most cases

Chiari Mesh

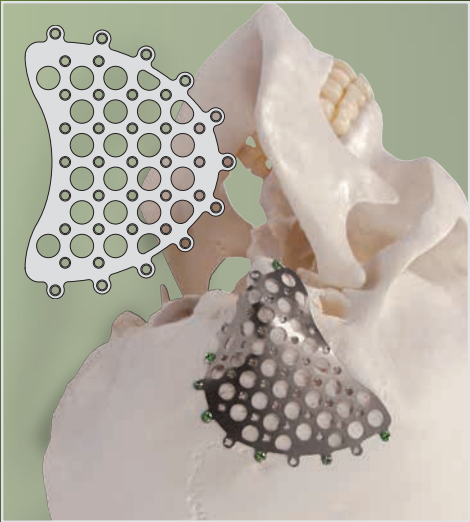
Allows for physiological correction following the removal of suboccipital bone.



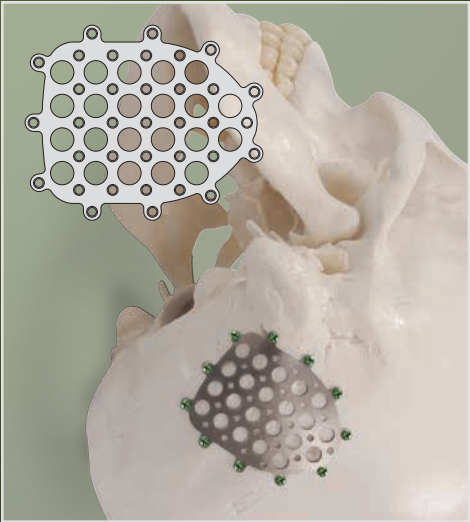
Images provided courtesy of John J. Oró, MD, The Neurosurgery Center of Colorado, Aurora, CO

The Rapid Response program has developed a series of specialty plates designed to accommodate your selected surgical approach.

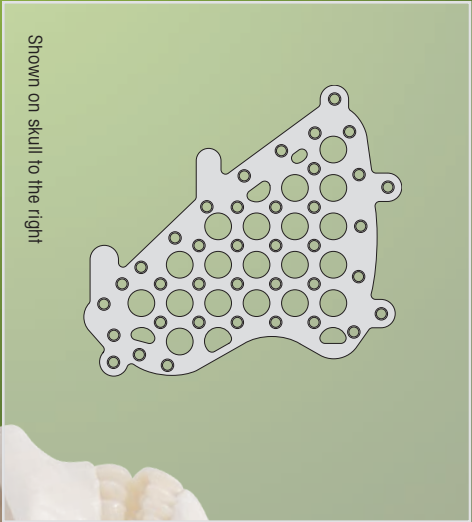
Translabrynthine



Retrosigmoid











Retromastoid














Shown on skull to the right


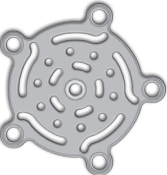





Neuro Implants

 4-Hole, Medium Double T Plate 15mm 01-7092	 4-Hole, Long Double T Plate 18mm 01-7093	 4-Hole Square Plate 12mm 01-7131	 3-Hole Triangle Plate 14mm 01-7132	 2 x 3-Hole Rectangle Plate 18mm 01-7136	 2 x 4-Hole Rectangle Plate 25mm 01-7137	 4-Hole, Wide Strut Square, 12mm 0.5mm Thick 01-7357	 4-Hole, Rectangle Plate, 18mm 0.5mm Thick 01-7359
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 2-Hole, Medium Straight Plate, 12mm 01-7345	 2-Hole, Long Straight Plate, 16mm 01-7347
 4-Hole, Regular Straight Plate, 16mm 01-7040	 4-Hole, Medium Straight Plate, 17mm 01-7045

 5-Hole, Regular Y Plate 16mm 01-7100	 5-Hole, Long Y Plate 18mm 01-7102	 5-Hole, X-Long Y Plate 19mm 01-7104	 6-Hole, Regular Double Y Plate 15mm 01-7110	 6-Hole, Long Double Y Plate 16mm 01-7112	 6-Hole, X-Long Double Y Plate 18mm 01-7114	 4-Hole X Plate 12mm 01-7120
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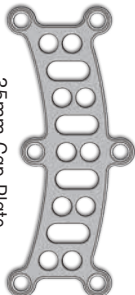
 13mm Burr Hole Plate, 0.5mm Thick 01-7306	 18.5mm Burr Hole Plate, 0.5mm Thick 01-7308	 18.5mm Shunt Hole Plate, 0.5mm Thick 01-7305	 22mm Burr Hole Plate, 0.5mm Thick 01-7309	 25mm Burr Hole Plate, 0.5mm Thick 01-7310
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Items to scale

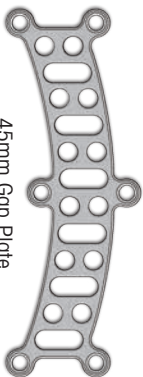
Note: Plate profile is 0.6mm unless otherwise noted. Plate dimensions are approximate.



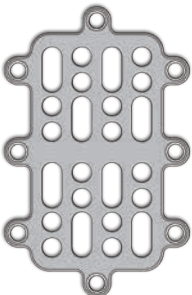
25mm Gap Plate
01-7351



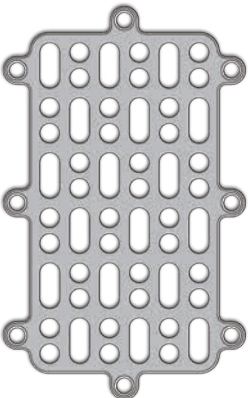
35mm Gap Plate
01-7353



45mm Gap Plate
01-7355



8-Hole Small Sub-Temporal Plate, 38mm
01-7361



8-Hole Sub-Temporal Plate, 52mm
01-7363

Note: Plate profile is 0.5mm



85mm x 53mm
0.6mm Thick
01-7182

85mm x 53mm
0.3mm Thick
01-7185

100mm x 100mm
0.3mm Thick
01-7188



80mm x 53mm, 0.6mm Thick
01-7180



85mm x 50mm
0.2mm Thick
01-7340

203mm x 127mm
0.2mm Thick
01-7341



100mm x 100mm
0.6mm Thick
01-7249

206mm x 123mm
0.3mm Thick
01-7250

206mm x 123mm
0.6mm Thick
01-7251

85mm x 55mm,
0.3mm Thick
SP-1841

1.5mm Ultra Pre-Contoured Mesh (pattern same as above)

40mm x 40mm
0.6mm Thick
01-7017

40mm x 40mm
0.3mm Thick
01-7019

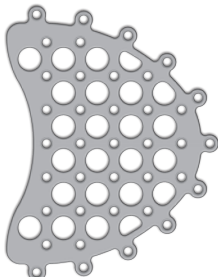
163mm x 115mm
0.3mm Thick
01-7065

163mm x 115mm, 0.6mm Thick
01-7069

Note: Partial view of actual size shown

Specialty Plates

Translabrynthine Plates



Small, 52mm x 40mm
0.3mm Thick
SP-1836

0.3mm Thick
Malleable
SP-2090

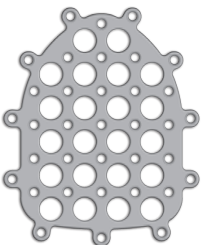
0.6mm Thick
SP-1796

0.3mm Thick
SP-1837

0.3mm Thick
Malleable
SP-2087

0.6mm Thick
SP-1797

Retrosigmoid Plates, 0.3mm Thick



Small
45mm x 37mm
SP-1842

Shunt Plates

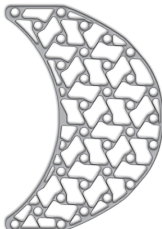


Shunt Plate, 18.5mm,
0.5mm Thick
SP-1528

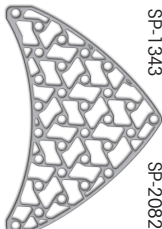


Shunt Plate, 25mm,
0.5mm Thick
SP-2321

Chiari Plates 0.6mm Thick



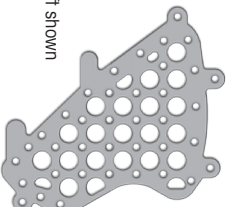
Small
42mm x 30mm
SP-1343



Large
55mm x 38mm
SP-2082

Triangle, 43mm x 48mm
SP-2281

Retromastoid Plate, 0.3mm Thick



Small, 41mm x 39mm
Left: SP-2250 Right: SP-2249

Medium, 48mm x 45mm
Left: SP-2139 Right: SP-2138

Large, 53mm x 48mm
Left: SP-2136 Right: SP-2135

*Left shown

Specialty Plates not to scale

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Items to scale

Note: Specialty Plates developed through Rapid Response Department

Neuro Screws & Instruments

HT X-Drive Screws and Blades

1.5mm Self-Drilling Screws (5pk)

Part #	Description
95-6103	Self-Drilling HT X-Drive Screw 1.5 x 3.5mm
95-6104	Self-Drilling HT X-Drive Screw 1.5 x 4mm
95-6105	Self-Drilling HT X-Drive Screw 1.5 x 5mm
91-XXXX	For Single Screws



1.5mm Screws (5pk)

95-1503	HT X-Drive 1.5 x 3.5mm
95-1504	HT X-Drive 1.5 x 4mm
95-1505	HT X-Drive 1.5 x 5mm
95-1803	HT X-Drive Emergency Screw 1.8 x 3.5mm
95-1805	HT X-Drive Emergency Screw 1.8 x 5mm
91-XXXX	For Single Screws



1.5mm HT X-Drive Blades

15-1196	1.5 HT X-Lock Standard
15-1194	1.5 HT X-Lock Short
50-1015	1.5mm HT X-Lock Power Driver Blade

Center-Drive Screws and Blades

1.5mm Self-Drilling Screws (5pk)

Part #	Description
01-7283	SD Center-Drive Screw 1.5 x 3.5mm
01-7284	SD Center-Drive Screw 1.5 x 4mm
01-7285	SD Center-Drive Screw 1.5 x 5mm
99-XXXX	For Single Screws



1.5mm Center-Drive Screws (5pk)

01-7203	Center-Drive 1.5 x 3.5mm
01-7204	Center-Drive 1.5 x 4mm
01-7205	Center-Drive 1.5 x 5mm
01-7223	Center-Drive Emergency Screw 1.8 x 3.5mm
01-7225	Center-Drive Emergency Screw 1.8 x 5mm
99-XXXX	For Single Screws



1.5mm HT X-Drive Blades

01-7176	1.5 Center-Drive Standard
01-7171	1.5 Center-Drive Short

Twist Drills & Handles

J-Notch Drills

1.1 x 50mm	5mm Stop
3.5mm Stop 01-7141	01-7142

Hand Drills

1.1 x 67mm Hex Drill	5mm Stop 15-1723
3.5mm Stop 15-1723	5mm Stop 15-1725

Midas Rex Drills

1.0/1.1 x 38mm	1.0mm 5mm Stop 01-7143	1.1mm 5mm Stop 01-7139
1.0mm 3.5mm Stop 01-7143	1.0mm 5mm Stop 01-7145	

Hall Drills

1.1 x 87mm	5mm Stop 01-7393
3.5mm Stop 01-7393	5mm Stop 01-7395

Black Max Drill

1.1 x 104mm, 5mm Stop 01-7394



Green Screwdriver Handle
01-7390



Standard Screwdriver Handle
01-7164

Instrumentation



Plate/Wire Cutter
01-7172



3-Prong Bender
01-7167



Plate Bending Plier
01-7465



Neuro Plate Holding Wand
01-7189



Beuse Plate Holding Forceps
01-9095

Standard Neuro Tray (Shown on inside cover)



1.5mm Standard Neuro Tray
(Includes screw dial and ID tags)
15-1050



1.5/2.0mm
Rack System
15-1150

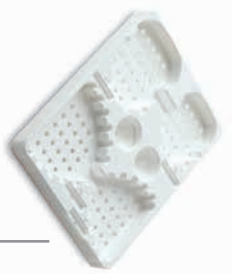
Optional Components



ID Tags with Removal Tool
15-1053



1.5mm Screw Dial
15-1050-08



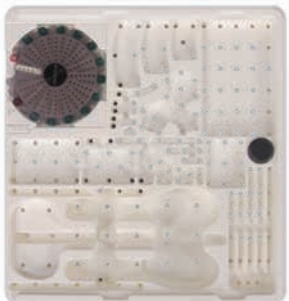
Skull Base Plate Insert
SP-2133 (white)
SP-2133-B (black)



Generic Plate Insert
SP-2134 (white)
SP-2134-B (black)

Can be used in place of RapidFire insert provided in standard Neuro tray.
Must order 2 (of either insert) for proper fit in tray.

Small Neuro Tray



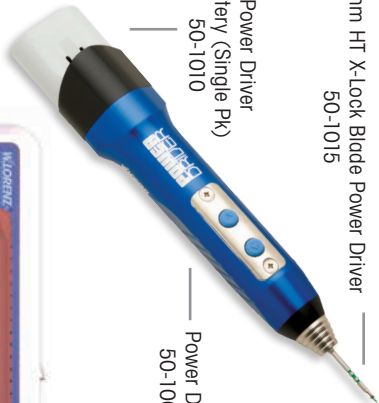
1.5mm Small
Neuro Tray
01-7315



Power Driver™

1.5mm HT X-Lock Blade Power Driver
50-1015

Power Driver
Battery (Single Pk)
50-1010



Power Driver
50-1000



Power Driver Tray
(Drivers not
included)
15-1052



RapidFire®



95-0153 RapidFire Clip 1.5 x 3.5mm HT SD
95-0154 RapidFire Clip 1.5 x 4.0mm HT SD
95-0155 RapidFire Clip 1.5 x 5.0mm HT SD
(call 95-XXXX RapidFire clips loaded with 5 screws)



Upper Assembly
Driver Engagement
15-1191



Lower Assembly
Clip Retaining Blade
15-1192



RapidFire Tray
15-1189

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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Form No. BMF00-2100 • Rev 31k1403