

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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Metamorfis

Orthodontic Anchorage System



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Metamorfix

Transform the Way You Transform Smiles

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 plating systems, instrumentation and related products for a wide range of surgical procedures.

Biomet Microfixation is proud to introduce to you one of our latest innovations—Metamorfix orthodontic anchorage system. Developed with input from both orthodontists and oral surgeons, Metamorfix is designed to maximize patient comfort and orthodontic ease of use. The system features low-profile anchor plates and tapered-collar miniscrews in a variety of plate shapes and screw lengths to accommodate a wide range of treatment plans. Let Metamorfix enhance your practice by offering an innovative and effective alternative to traditional anchorage methods.

Absolute Anchorage Advantages

- Less reliance on patient compliance¹
- Decrease in overall treatment time^{1,3}
- Increase in control over tooth movements²
- Potential to eliminate orthognathic surgery in select cases^{3,4}

Indications

Metamorfix anchorage system implants are intended to provide a fixed anchorage point for attachment of orthodontic appliances to facilitate the orthodontic movement of teeth.

1. Celenza, Frank J. (2001). Implant-enhanced orthodontics. *Academy News*, 12 (4), 1, 8-9.
2. Tracey, Stephen. (2006). The nuts and bolts of miniscrews. *Orthodontic Products*. Retrieved March 16, 2007, from http://www.orthodonticproductsonline.com/issues/articles/2006-02_12.asp
3. Heymann, Gavin, C., Tulloch, J. F. Camilla. (2006). Implantable devices as orthodontic anchorage: A review of current treatment modalities. *Journal of Esthetic and Restorative Dentistry*, 18 (2), 68-79.
4. Park, Hyo-Sang, et al. (2006). Nonextraction treatment of an open bite with microscrew implant anchorage. *Am J Orthod Dentofacial Orthop*, 130, 391-402.



Anchor Plates

- Low-profile hook to minimize palpability
- 6 shapes to accommodate surgical anatomy
- Easy to attach elastic and springs
- Maximum stability



Anchor Screws

- Self-drilling and self-tapping screws available
- Lengths from 5mm to 11mm
- 2mm tapered collar
- Perpendicular thru-holes for easy alignment

Orthodontic Anchorage System

System Features

- Comprehensive implant selection
- Expanded implant storage
- Quality instrumentation



Anchor Screws



Self-Drilling (single pack)

- 91-5505 2.0 x 5mm Anchor
- 91-5507 2.0 x 7mm Anchor
- 91-5509 2.0 x 9mm Anchor

Self-Tapping (single pack)

- 91-5409 2.0 x 9mm Anchor
- 91-5411 2.0 x 11mm Anchor

Blades

For use with Bone Screws

- 15-1194 1.5mm HT X-Lock Short

For use with Anchor Screws

- 20-1199 2.0mm HT X-Lock Sleeve with Blade

Drills

For use with Bone Screws

- 01-7142 1.1 x 50mm twist drill, 5mm stop
- 01-7144 1.1 x 50mm twist drill, 7mm stop

For use with Anchor Screws

- 01-9193 1.5 x 50mm twist drill, 7mm stop
- 01-9195 1.5 x 50mm twist drill, 10mm stop

Instrumentation

- 01-7465 Plate Bending Pliers
- 01-7390 1.5/2.0 Screwdriver Handle
- 01-9095 Beuse Plate Holding Forceps
- 01-7950 Implant Container

Bone Screws

Self-Drilling (single pack)

- 91-6104 1.5 x 4mm self-drilling HT X-drive
- 91-6105 1.5 x 5mm self-drilling HT X-drive
- 91-6106 1.5 x 6mm self-drilling HT X-drive
- 95-61xx for 5-pack

Self-Tapping (single pack)

- 91-1504 1.5 x 4mm HT X-drive
- 91-1505 1.5 x 5mm HT X-drive
- 91-1506 1.5 x 6mm HT X-drive
- 95-15xx for 5-pack

Emergency (single pack)

- 91-1805 1.8 x 5mm HT X-drive

Anchor Plates

- 01-7933 Y Plate
- 01-7934 Y Plate Long
- 01-7935 100 Degree T Plate
- 01-7936 135 Degree 3-Hole Right Plate
- 01-7937 135 Degree 3-Hole Left Plate
- 01-7938 3-Hole Straight Plate



01-7933



01-7934



01-7935



01-7936



01-7937



01-7938

Plates shown actual size

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