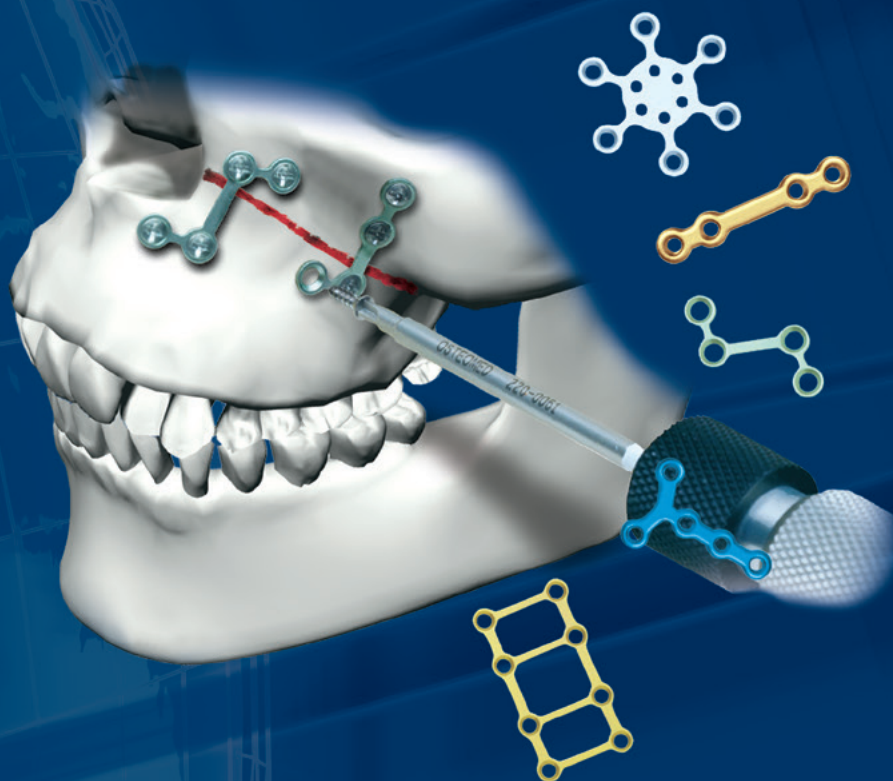


**OSTEOMED**

A TRADITION OF QUALITY AND INNOVATION

## M4™ RIGID FIXATION SYSTEM

1.2mm • 1.6mm • 2.0mm • 2.4mm



### FOUR COMPREHENSIVE SYSTEMS, ONE COMPACT TRAY

- PATENTED AUTO-DRIVE™ SELF-DRILLING SCREWS
- COMPREHENSIVE RIGID FIXATION SYSTEM FOR CRANIOMAXILLOFACIAL AND MANDIBULAR SURGERY
- COLOR-CODED INSTRUMENTS AND PACKAGING FOR EASY IDENTIFICATION AND STORAGE
- MODULAR SETS CUSTOMIZED TO ACCOMMODATE SPECIFIC NEEDS

PRODUCTS THAT IMPROVE PEOPLE'S LIVES



# M4 RIGID FIXATION

## THE SYSTEM

The **M4 Rigid Fixation System** combines four comprehensive systems; Micro 1.2mm, Midface 1.6mm, Mini 2.0mm, and Maxi 2.4mm in one compact tray. This single tray meets the rigid fixation needs of all craniomaxillofacial surgery applications, from pediatric craniofacial surgery to adult mandibular trauma. Color-coded and modular, the system is easy to handle and easy to inventory. The system offers unique storage containers that also allow quick intra-operative identification and verification of implants.



All screws are housed in innovative **Visidisk™** containers. These compact containers expose only four screws at once, minimizing the screw loss that commonly occurs in containers that expose all screws at one time.

Because they are compact, the **Visidisk™** containers can be carried directly to the surgical site. Screw lengths are clearly marked on the top of the disk for easy length verification.



Plate pictures and part numbers are clearly marked on the lids of the plate organizers for easy inventory tracking, identification, and verification.

All instruments and containers are color-coded for identification. Yellow indicates Micro 1.2mm, white indicates Midface 1.6mm, blue indicates Mini 2.0mm, and green indicates Maxi 2.4mm.

The TaperLock™ screwdriver handle is designed to accommodate all screwdriver blades and taps.



## THE SCREWS

The screws in the M4 Rigid Fixation System are manufactured using state-of-the-art machining technology, resulting in the industry's premier titanium alloy screws. All screws in the M4 Rigid Fixation System are **self-tapping and self-retaining**. These screws employ a cruciform drive head design, ensuring the applied axial force is distributed evenly throughout the screw head, while minimizing screw head stripping. The TaperLock™ self-retaining mechanism on the screw head ensures optimal stability during screw placement. The screws also utilize innovative Maximum Thread Area (MTA) technology that maximizes the area of bone-to-screw interface. The M4 Rigid Fixation System also features **Auto-Drive™ self-drilling screws**. These self-drilling screws eliminate the need for pilot hole drilling, creating optimal efficiency and time savings. Light to medium pressure is all that is required to drive the Auto-Drive™ screw. The patented Auto-Drive™ screw is available in diameters of 1.2mm, 1.6mm and 2.0mm to meet all craniomaxillofacial needs.



Patent No. 5,925,048

## THE PLATES

All plates in the M4 Rigid Fixation System are made of commercially pure titanium. This proven biomaterial allows for **low-profile, easy-to-contour plates**, while maintaining optimal plate strength. The system offers a comprehensive selection of plates ideal for all craniomaxillofacial surgery applications.

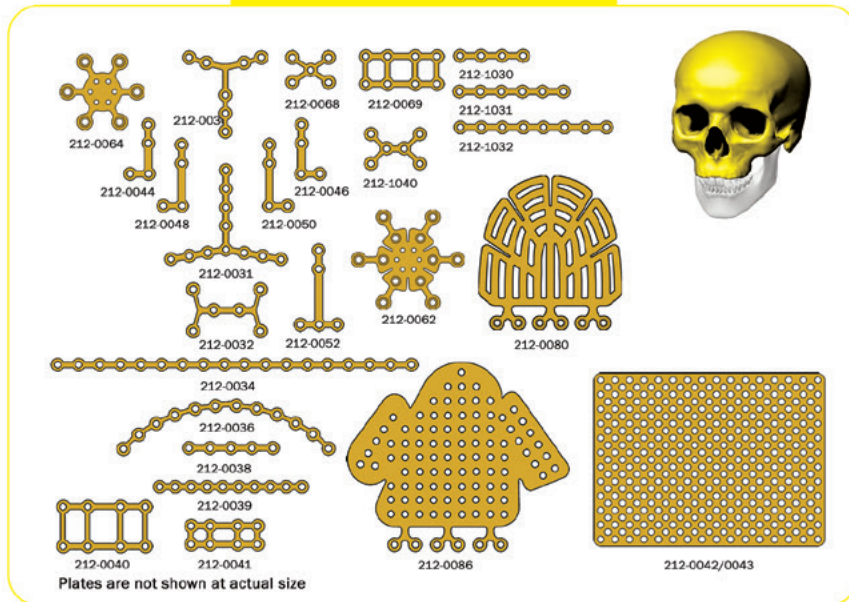


The Mini 2.0mm system features unique **pre-bent Genio-Form™** plates that easily conform to the symphysis, while providing maximum stability for genioplasty fixation. The Mini system also offers two plate series, standard and rigid, responding to the surgeon's ever-changing needs and preferences.

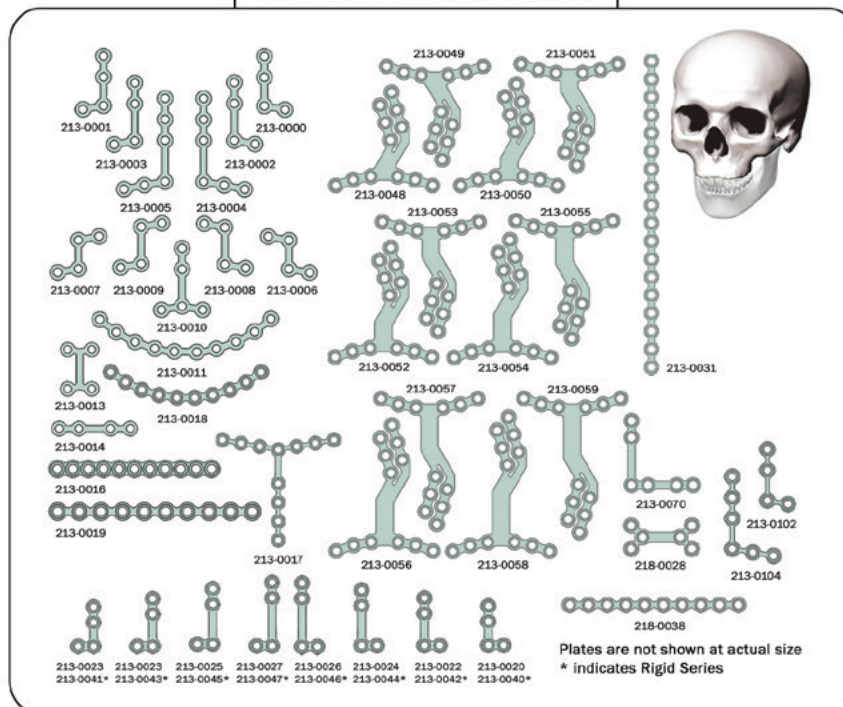
# M4 PLATES

Refer to **Product Insert** for specific indications and **Instructions For Use**.

## MICRO 1.2MM SERIES



## MIDFACE 1.6MM SERIES

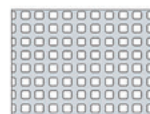




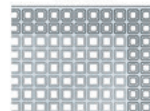
Refer to **Product Insert** for specific indications and **Instructions For Use**.

This image displays a comprehensive catalog of 100 different interlocking plastic building parts, arranged in a grid-like fashion. The parts are primarily light blue and white, with some featuring black or grey details. They include various connectors, pins, and structural elements, each labeled with a unique part number. The parts are organized into several rows, with some parts having additional labels indicating their dimensions or specific features. The overall layout is clean and professional, typical of a technical product catalog.

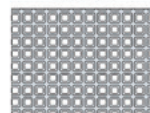
Part numbers visible include: 210-0004, 210-0005, 210-0003, 210-0002, 210-0006, 210-0008, 210-0208\*, 210-0012, 210-0212\*, 210-0016, 210-0216\*, 210-0014, 210-0214\*, 210-0018, 210-0218\*, 210-0039, 210-0019, 210-0020, 210-0220\*, 210-0022, 210-0222\*, 210-0024, 210-0224\*, 210-0028, 210-0228\*, 210-0239\*, 210-0107, 210-0108, 210-0109, 210-0041, 210-0043, 210-0040, 210-0042, 210-0044, 210-0046, 210-0048, 210-0102, 210-0104, 210-0105, 210-0106, 210-1030, 210-1031, 210-1032, 210-1036, 210-0237\*, 210-0006, 210-0206\*, 210-0210\*, 210-0030, 210-0230\*, 210-0231\*, 210-0032, 210-0232\*, 210-0036, 210-0236\*, 210-0101, 210-0103, 210-0082, 210-0080, 210-0091, 210-0093, 210-0092, 210-0090, 210-0114, 210-0082, 210-0090, 210-0092, 210-0098, 210-0097, 210-0108, 210-0109, 210-0110, 210-0111, 210-0112, 210-0113, 210-0114, 210-0115, 210-0116, 210-0117, 210-0118, 210-0119, 210-0120, 210-0121, 210-0122, 210-0123, 210-0124, 210-0125, 210-0126, 210-0127, 210-0128, 210-0129, 210-0130, 210-0131, 210-0132, 210-0133, 210-0134, 210-0135, 210-0136, 210-0137, 210-0138, 210-0139, 210-0140, 210-0141, 210-0142, 210-0143, 210-0144, 210-0145, 210-0146, 210-0147, 210-0148, 210-0149, 210-0150, 210-0151, 210-0152, 210-0153, 210-0154, 210-0155, 210-0156, 210-0157, 210-0158, 210-0159, 210-0160, 210-0161, 210-0162, 210-0163, 210-0164, 210-0165, 210-0166, 210-0167, 210-0168, 210-0169, 210-0170, 210-0171, 210-0172, 210-0173, 210-0174, 210-0175, 210-0176, 210-0177, 210-0178, 210-0179, 210-0180, 210-0181, 210-0182, 210-0183, 210-0184, 210-0185, 210-0186, 210-0187, 210-0188, 210-0189, 210-0190, 210-0191, 210-0192, 210-0193, 210-0194, 210-0195, 210-0196, 210-0197, 210-0198, 210-0199, 210-0200, 210-0201, 210-0202, 210-0203, 210-0204, 210-0205, 210-0206, 210-0207, 210-0208, 210-0209, 210-0210, 210-0211, 210-0212, 210-0213, 210-0214, 210-0215, 210-0216, 210-0217, 210-0218, 210-0219, 210-0220, 210-0221, 210-0222, 210-0223, 210-0224, 210-0225, 210-0226, 210-0227, 210-0228, 210-0229, 210-0230, 210-0231, 210-0232, 210-0233, 210-0234, 210-0235, 210-0236, 210-0237, 210-0238, 210-0239, 210-0240, 210-0241, 210-0242, 210-0243, 210-0244, 210-0245, 210-0246, 210-0247, 210-0248, 210-0249, 210-0250, 210-0251, 210-0252, 210-0253, 210-0254, 210-0255, 210-0256, 210-0257, 210-0258, 210-0259, 210-0260, 210-0261, 210-0262, 210-0263, 210-0264, 210-0265, 210-0266, 210-0267, 210-0268, 210-0269, 210-0270, 210-0271, 210-0272, 210-0273, 210-0274, 210-0275, 210-0276, 210-0277, 210-0278, 210-0279, 210-0280, 210-0281, 210-0282, 210-0283, 210-0284, 210-0285, 210-0286, 210-0287, 210-0288, 210-0289, 210-0290, 210-0291, 210-0292, 210-0293, 210-0294, 210-0295, 210-0296, 210-0297, 210-0298, 210-0299, 210-0300, 210-0301, 210-0302, 210-0303, 210-0304, 210-0305, 210-0306, 210-0307, 210-0308, 210-0309, 210-0310, 210-0311, 210-0312, 210-0313, 210-0314, 210-0315, 210-0316, 210-0317, 210-0318, 210-0319, 210-0320, 210-0321, 210-0322, 210-0323, 210-0324, 210-0325, 210-0326, 210-0327, 210-0328, 210-0329, 210-0330, 210-0331, 210-0332, 210-0333, 210-0334, 210-0335, 210-0336, 210-0337, 210-0338, 210-0339, 210-0340, 210-0341, 210-0342, 210-0343, 210-0344, 210-0345, 210-0346, 210-0347, 210-0348, 210-0349, 210-0350, 210-0351, 210-0352, 210-0353, 210-0354, 210-0355, 210-0356, 210-0357, 210-0358, 210-0359, 210-0360, 210-0361, 210-0362, 210-0363, 210-0364, 210-0365, 210-0366, 210-0367, 210-0368, 210-0369, 210-0370, 210-0371, 210-0372, 210-0373, 210-0374, 210-0375, 210-0376, 210-0377, 210-0378, 210-0379, 210-0380, 210-0381, 210-0382, 210-0383, 210-0384, 210-0385, 210-0386, 210-0387, 210-0388, 210-0389, 210-0390, 210-0391, 210-0392, 210-0393, 210-0394, 210-0395, 210-0396, 210-0397, 210-0398, 210-0399, 210-0400, 210-0401, 210-0402, 210-0403, 210-0404, 210-0405, 210-0406, 210-0407, 210-0408, 210-0409, 210-0410, 210-0411, 210-0412, 210-0413, 210-0414, 210-0415, 210-0416, 210-0417, 210-0418, 210-0419, 210-0420, 210-0421, 210-0422, 210-0423, 210-0424, 210-0425, 210-0426, 210-0427, 210-0428, 210-0429, 210-0430, 210-0431, 210-0432, 210-0433,



210-0074



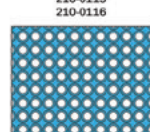
210-0076



210-0078



310-0115



210-1024\*

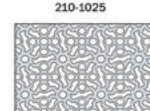
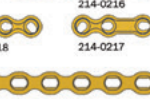
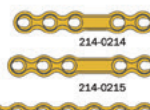


Figure 1 displays a variety of yellow chain-link components, each labeled with a part number. The components include:

- 214-0104
- 214-0154
- 214-0150
- 314-3004
- 214-0050
- 214-0051
- 214-0052
- 214-0053
- 214-0058
- 214-0059
- 214-0210
- 214-0211
- 214-0212
- 214-0213
- 214-0214
- 214-0215
- 214-0216
- 214-0217
- 214-0218
- 214-0219
- 214-0220
- 214-0056
- 214-0057
- 214-0055
- 214-0101
- 214-0102
- 214-0103
- 214-0060
- 214-0062
- 214-0064
- 214-0222
- 214-0311
- 214-0315
- 314-3005
- 314-3006

Additionally, a 3D model of a skull is shown with a green chin guard, illustrating the application of the components.

Plates are not shown at actual size



# M4™ RIGID FIXATION SYSTEM

1.2mm • 1.6mm • 2.0mm • 2.4mm



3885 Arapaho Road

Addison, Texas 75001

Customer Service: 800.456.7779

Main: 972.677.4600

Fax: 800.390.2620

[www.osteomedcorp.com](http://www.osteomedcorp.com)



A COLSON ASSOCIATE

P/N 030-1158 Rev. G