### Ordering Information

#### Anchor Plates

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>55-1960</td>
<td>Standard Anchor Plate Straight 3mm</td>
</tr>
<tr>
<td>55-1961</td>
<td>Standard Anchor Plate Straight 4mm</td>
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<tr>
<td>55-1962</td>
<td>Standard Anchor Plate Straight 5mm</td>
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<tr>
<td>55-1963</td>
<td>Standard Anchor Plate Straight 6mm</td>
</tr>
<tr>
<td>55-1964</td>
<td>Standard Anchor Plate Straight 7mm</td>
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<tr>
<td>55-1965</td>
<td>Standard Anchor Plate Straight 8mm</td>
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<tr>
<td>55-1966</td>
<td>Standard Anchor Plate Straight 9mm</td>
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#### Locking

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>55-1967</td>
<td>Locking Anchor Plate Straight 3mm</td>
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<tr>
<td>55-1968</td>
<td>Locking Anchor Plate Straight 4mm</td>
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<tr>
<td>55-1969</td>
<td>Locking Anchor Plate Straight 5mm</td>
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<td>55-1970</td>
<td>Locking Anchor Plate Straight 6mm</td>
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<tr>
<td>55-1971</td>
<td>Locking Anchor Plate Straight 7mm</td>
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<tr>
<td>55-1972</td>
<td>Locking Anchor Plate Straight 8mm</td>
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#### Anchor Screws

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>55-1973</td>
<td>Self-Tapping Screw 1.7x4mm Self-Tapping</td>
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<tr>
<td>55-1974</td>
<td>Self-Tapping Screw 1.7x5mm Self-Tapping</td>
</tr>
<tr>
<td>55-1975</td>
<td>Self-Tapping Screw 1.7x6mm Self-Tapping</td>
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#### Bone Screws

<table>
<thead>
<tr>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>55-1976</td>
<td>2.5mm Cross-Pin, Self-Tapping Screws</td>
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<tr>
<td>55-1977</td>
<td>2.5mm Cross-Pin, Self-Tapping Screws</td>
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#### Instrumentation

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tr>
<td>62-14550</td>
<td>In-Ora Plate Caster</td>
</tr>
<tr>
<td>64-01550</td>
<td>Plate Bender Instrument</td>
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#### Screwdrivers

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>62-12170</td>
<td>Screwdriver Handle</td>
</tr>
<tr>
<td>62-20200</td>
<td>Screwdriver Handle for Tension Sheaths</td>
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</table>

#### Twist Drills

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>92-12170</td>
<td>Grasping Force</td>
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#### Locking Activation Tool

<table>
<thead>
<tr>
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<tr>
<td>92-22176</td>
<td>Locking Activation Tool</td>
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#### Implant Module

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<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>92-22170</td>
<td>Implant Module</td>
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</tbody>
</table>

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#### Trauma, Extremities, Deformities

#### Cranio-Maxillofacial

#### Spine

#### Biologics

### Surgical Products

#### Neuro & ENT

#### Interventional Pain

#### Navigation

### Endoscopy

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### Imaging

### Patient Handling Equipment

### SMS Equipment

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**Intended Use**
- Intrusions/ extractions of teeth
- Distal/ mesial movement
- Space closure
- 3-D control of teeth

**Advantages of System**
- Versatility and ease of use
- Ability to eliminate head gear
- Less invasive than orthognathic surgery
- Possible treatment time shortened
- Wide range of clinical applications

**Anchor Screw**
- Resistance of sufficient load
- Minimizes patient trauma
- Easy and quick removal

**Anchor Screw Comparison**
- A smaller head design is intended to increase patient comfort while retaining effective versatility for loading plastics and other orthodontic appliances.

**Anchor Plate**
- Additional range of adaptability to avoid vital structures
- More stable fixation
- Prevent disturbance of tooth movement

**Screwdriver Blade/Tension Sheeth and Grasping Pliers**
- Provides additional stability for the insertion of the anchor screws

**Activation Tool (For Locking Anchor Plates)**
- Losses/loosens locking head on locking anchor plate
- The head on the locking anchor plate provides exceptional versatility and control throughout the treatment plan.
- This unique technology allows the orthodontist to secure orthodontic appliances/accessories in the guide holes.
- They may also tighten/modify those accessories with the turn of the activation tool, which allows the locking head to tighten or release so that accessories can be removed or redirected with ease.

**System**

```
<table>
<thead>
<tr>
<th>Standard Anchor Plate</th>
<th>Small Head Design Anchor Plate</th>
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</thead>
<tbody>
<tr>
<td>92-51106</td>
<td>51-17105</td>
</tr>
<tr>
<td>55-05100</td>
<td>55-05102</td>
</tr>
<tr>
<td>55-05101</td>
<td>55-05103</td>
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<tr>
<td>55-05102</td>
<td>55-05102</td>
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<tr>
<td>55-05103</td>
<td>55-05103</td>
</tr>
<tr>
<td>55-05104</td>
<td>55-05104</td>
</tr>
</tbody>
</table>

**Procedural Step-by-Step**

1. Exact location and angle of each anchorage device is determined by orthodontic treatment plan, preoperative clinical examination, and review of panoramic radiograph.

2. Within the mandible, placement is usually at either the symphysis or posterior buccal regions where adequate bone thickness allows for stable placement of the device while avoiding tooth roots.

3. Within the maxilla, the region of the mental nerve is avoided with placement either anterior or posterior to the area of the mental foramen.

4. Typically, over-anchoring devices are placed utilizing local anesthesia, or in combination with light conscious sedation.

5. At the area of planned placement, a vertical incision is created within the maxillary or mandibular vestibule. This incision is carried to the junction of the attached and unattached tissues (e.g. the mucogingival junction).

6. A potential elevator is utilized to develop a full-thickness mucoperiosteal flap exposing the underlying cortical bone.

7. A small horizontal incision at the mucogingival junction may be added to the vertical incision in order to provide additional flap mobilization and bony exposure.

8. An appropriate size anchor is selected and contoured using small plate bending forceps. The plate is contoured to the shape of the facial (maxillary or mandibular) cortex. Care is taken so that the connecting bar segment of the device is as close to the bone surface as possible beneath the level of the mucogingival junction.

9. Closure of the incision is performed using absorbable sutures such as 3-0 Chromic in interrupted fashion.

10. The device should be positioned so that the connecting bar exits at the mucogingival junction.

11. Postoperative panoramic radiograph is obtained in order to confirm position of anchorage devices.

12. Postoperative medications typically include the following:
- Antibiotic coverage (systemic) for 5 to 7 days.
- Typically, this consists of oral penicillin or clindamycin (in penicillin-allergic patients).
- Chlorhexidine 0.12% solution prescribed as an oral rinse two times per day over a 5-day period.
- Analgesic(s).

13. The device is activated approximately 7 days following placement. Note: Activation of the device before the initial 7 to 10 day postoperative time period may lead to loosening and/or loss (failure) of the fixture.
This unique technology allows the orthodontist to secure the head on the locking anchor plate, providing exceptional stability and additional range of adaptability to avoid vital structures. It offers a more stable fixation, resistance of sufficient load, easy and quick removal, minimizing patient trauma, and versatility and control throughout the treatment plan.

**Advantages of System**
- Versatility and ease of use
- Ability to eliminate head gear
- Less invasive than orthognathic surgery
- Possible treatment time shortened
- Wide range of clinical applications

**Orthodontic Skeletal Anchorage System**

**Procedural Step-by-Step**

1. Exact location and angle of each anchorage device is determined by orthodontic treatment plan, preoperative clinical examination, and review of panoramic radiograph.

2. With the mouth, placement is usually at either the horizontal or oblique bicuspid region where adequate bone thickness allows for stable placement of the device while avoiding tooth roots.

3. Within the mandible, the region of the mental nerve is avoided with placement either anterior or posterior to the area of the mental foramen.

4. Typically, over-anchoring devices are placed obliquely, not anatomic, or in combination with light conscious sedation.

5. At the area of planned placement, a vertical incision is created within the maxillary or mandibular vestibule. This incision is carried to the junction of the attached and unattached tissues (e.g. the mucogingival junction).

6. A potential elevator is utilized to develop a full-thickness mucoperiosteal flap exposing the underlying cortical bone.

7. A small horizontal incision at the mucogingival junction may be added to the vertical incision in order to provide additional flap mobilization and bone exposure.

8. An appropriately sized anchor is selected and contoured using small plate bending forceps. The plate is contoured to the shape of the facial (mandibular or maxillary) cortex. Care is taken so that the connecting bar segment of the device is as close to the bone surface as possible beneath the level of the mucogingival junction.

9. Closure of the incision is performed using resorbable suture such as 3-0 Chromic in interrupted fashion.

10. The device should be positioned so that the connecting bar exits at the mucogingival junction.

11. Postoperative panoramic radiograph is obtained in order to confirm position of anchorage devices.

12. Postoperative medications typically include the following:
   - Antibiotic coverage (systemic) for 5 to 7 days.
   - Typically, this consists of oral penicillin or clindamycin (in penicillin-allergic patients).
   - Chlorhexidine 0.12% solution prescribed as an oral rinse two times per day over a 5-day period.
   - Analgesics.

13. The device is activated approximately 7 days following placement. Note: Activation of the device before the initial 7 to 10-day postoperative time period may lead to loosening and/or loss (failure) of the fixture.
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**Ordering Information**

**Anchor Plates**
- 00-00060 Standard Anchor Plate Straight, 4mm
- 00-00066 Standard Anchor Plate Straight, 6mm
- 00-00070 Standard Anchor Plate Straight, 8mm
- 00-00076 Standard Anchor Plate Straight, 10mm
- 00-00080 Standard Anchor Plate T-shape, 4mm
- 00-00086 Standard Anchor Plate T-shape, 6mm
- 00-00092 Standard Anchor Plate T-shape, 8mm
- 00-00098 Standard Anchor Plate T-shape, 10mm

**Locking** (Order Qty: Pkg of 1)
- 00-00150 Locking Anchor Plate Straight, 4mm
- 00-00156 Locking Anchor Plate Straight, 6mm
- 00-00161 Locking Anchor Plate Straight, 8mm
- 00-00167 Locking Anchor Plate T-shape, 4mm
- 00-00173 Locking Anchor Plate T-shape, 6mm
- 00-00179 Locking Anchor Plate T-shape, 8mm
- 00-00185 Locking Anchor Plate T-shape, 10mm

**Anchor Screws**
- Self-Tapping (Order Qty: Pkg of 1)
  - 52-0006 1.7x5mm Anchor Screw, Self-Tapping
  - 52-0016 1.7x6mm Anchor Screw, Self-Tapping
  - 52-0018 1.7x8mm Anchor Screw, Self-Tapping
  - 52-0011 1.7x12mm Anchor Screw, Self-Tapping
- Self-Drilling (Order Qty: Pkg of 1)
  - 52-0005 1.7x6mm Anchor Screw, Self-Drilling
  - 52-0015 1.7x8mm Anchor Screw, Self-Drilling
  - 52-0017 1.7x12mm Anchor Screw, Self-Drilling
- 1.7mm Cross-Pin, Self-Tapping Screws (Order Qty: Pkg of 5)
  - 50-0006 1.7x2mm Self-Tapping Screw
  - 50-0016 1.7x3mm Self-Tapping Screw
  - 50-0018 1.7x4mm Self-Tapping Screw
  - 50-0011 1.7x12mm Self-Tapping Screw
  - 50-0017 1.7x13mm Self-Tapping Screw

**Bone Screws**
- 1.7mm Cross-Pin, Self-Tapping Screws (Order Qty: Pkg of 5)
  - 50-0006 1.7x2mm Self-Tapping Screw
  - 50-0016 1.7x3mm Self-Tapping Screw
  - 50-0018 1.7x4mm Self-Tapping Screw
  - 50-0011 1.7x12mm Self-Tapping Screw
  - 50-0017 1.7x13mm Self-Tapping Screw
- 1.7mm Cross-Pin, Self-Drilling Screws (Order Qty: Pkg of 5)
  - 50-0005 1.7x2mm Self-Drilling Screw
  - 50-0015 1.7x3mm Self-Drilling Screw
  - 50-0017 1.7x4mm Self-Drilling Screw
  - 50-0018 1.7x6mm Self-Drilling Screw
  - 50-0011 1.7x12mm Self-Drilling Screw
- 1.7mm Emergency Self-Tapping Screws (Order Qty: Pkg of 5)
  - 50-0001 1.7x2mm Emergency Screw, Self-Tapping
  - 50-0060 1.7x3mm Emergency Screw, Self-Tapping
  - 50-0015 1.7x4mm Emergency Screw, Self-Tapping
  - 50-0017 1.7x6mm Emergency Screw, Self-Tapping
  - 50-0018 1.7x8mm Emergency Screw, Self-Tapping

**Instrumentation**
- **Plate-Bending/Cutting Instruments** (Order Qty: Pkg of 1)
  - 00-00050 In-Situ Plate Cutter
  - 00-00155 Plate Bending Instrument
- **Screwdrivers** (Order Qty: Pkg of 1)
  - 62-00050 Scredriver Handle
  - 62-00155 Scredriver Handle for Tension Sheath/Flare
  - 62-00250 Scredriver Blade for Tension Sheath/Flare
  - 62-01250 Grasping Flair
- **Towel Drills** (Single Use Only) (Order Qty: Pkg of 1)
  - 62-00050 1.25 x 5mm, 2mm working length, Stryker End
  - 62-00052 1.25 x 5mm, 2mm working length, Stryker End
  - 62-00150 1.25 x 5mm, 2mm working length, Stryker End
  - 62-00152 1.25 x 5mm, 2mm working length, Stryker End
  - 62-00250 1.25 x 5mm, 2mm working length, Stryker End
- **Locking Activation Tool** (Order Qty: Pkg of 1)
  - 62-00050 Locking Activation Tool
- **Implant Module** (Order Qty: Pkg of 1)
  - 62-00050 Implant Module
  - 62-00150 Implant Module

**Optional Instrumentation**
- 00-00050 11mm Photohook Plastic Retractor
- 00-00150 11mm Photohook Plastic Retractor (Child Size)

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**Joints Replacements**

**Trauma, Extremities, Deformities**

**Craniomaxillofacial**

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