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<td><strong>Prescription Analyzer</strong></td>
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The Damon System is a proven combination of passive self-ligating brackets, high-tech archwires and minimally invasive treatment protocols designed as a gentle, light force system with benefits that are more than just straight teeth. With the Damon System, doctors are able to employ face driven, streamlined mechanics to provide the treatment experience patients appreciate – beautiful faces and broad smiles, with fewer office visits and greater comfort. More than 5 million patients have been treated with the Damon System and thousands of orthodontists around the world continue to rely on the system for its remarkable advantages for doctors and patients. Available in metal and aesthetic bracket options, the Damon System allows you to treat a wide variety of cases with outstanding results so your practice and your patients can put their best face forward.

“Can you see who’s wearing Damon Clear braces?”

“I loved my Damon Clear braces...people didn’t even know that I had anything on my teeth. I now feel comfortable knowing my teeth look great.”

— Christine, Damon Clear patient
Damon Q

Damon Q is an essential part of the Damon™ System, a proven combination of passive self-ligating brackets, high-tech archwires and minimally invasive treatment protocols with benefits that are more than just straight teeth. Whether you are new to self-ligation or an experienced user, Damon Q is designed to provide efficient, controlled tooth movement with remarkable clinical results.

RELIABILITY & DURABILITY

- Four walls with optimized slot depths for improved rotation control and efficient tooth movement
- Stainless steel 17-4 metal-injection molded construction for strength and durability

EASE OF USE

- Innovative SpinTek™ slide with chamfered lingual leading edge facilitates easy slide closure and wire engagement throughout all phases of treatment

EFFICIENCY

- Horizontal and vertical auxiliary slots for greater versatility
- Rhomboid-shaped bracket and pad, and vertical scribe line guide precision bracket placement

COMFORT & AESTHETICS

- Small bracket profile and size with smooth, rounded corners help prevent occlusal interference while offering greater comfort and aesthetics

BRACKET IDENTIFICATION

Colored ID dots are located on tie wings of each bracket. A Permanent ID marking (International System) is also molded in the base of the slot.

Torque Value Identification

Green: Low Torque  Blue: Standard Torque  Red: High Torque

All Damon brackets = Slot base marking, plus (+) = high torque, minus (-) = low torque.

The profile and occlusal-gingival dimensions of Damon Q are significantly smaller compared with Damon 3MX and other brackets.
### DAMON Q (Available in Quad™ packaging, 10ea.)

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### BUCCAL TUBES

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DAMON™ CLEAR2

Damon Clear2 is an essential part of the Damon System. Offering the same crystal clear performance with more control, Damon Clear2 allows you to treat a wide variety of cases with outstanding results so your practice and your patients can put their best face forward.

CLEAR PERFORMANCE

- 100% clear passive self-ligating bracket body and slide for the supreme aesthetics patients demand
- Polycrystalline alumina (PCA) material is resistant to staining from coffee, mustard, red wine and other agents
- Passive self-ligation technology eliminates the need for elastomerics, which are known to stain and collect bacteria during treatment

GREATER CONTROL AND RELIABILITY

- Improved precision slot on Damon Clear2 brackets (upper 3-3 variable torques) provides 2x the rotational control* for meticulous finishing and efficient treatment
- Sturdy construction with fortified slide, window channel and tiewings for exceptional strength and durability
- Customized base design with patented laser-etched base provides optimal bond strength for greater reliability

EASE OF USE AND COMFORT

- Innovative SpinTek™ slide facilitates easy slide closure and wire engagement throughout all phases of treatment for fast and comfortable wire changes and adjustments
- Fast, comfortable debonding experience for patients when using the Damon Clear Debonding Instrument; Less susceptible to bracket fractures during removal for improved safety, no flash removal using a burr or scaler required for improved efficiency

PRECISION BRACKET PLACEMENT

- Removable positioning gauge with scaler notch and rhomboid-shaped brackets and base guide bracket placement
- Color-coded positioning gauges on brackets (3-3) denote torque values

Damon Clear2 Variable Torque available for upper 3-3 brackets

* As compared to Damon Clear, upper 3-3 brackets. Data on file.

APPLIANCE SYSTEMS
## Damon Clear2® and Damon Clear®

(Available in Quad™ packaging, 10ea.)

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<td>497-6581 497-6580</td>
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<tr>
<td>Cuspid</td>
<td>+7°</td>
<td>+5°</td>
<td>0°</td>
<td>.030&quot;</td>
<td>Standard</td>
<td>497-7581 497-7580</td>
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<td>Cuspid</td>
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<td>+5°</td>
<td>0°</td>
<td>.030&quot;</td>
<td>High</td>
<td>497-7585 497-7584</td>
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<td>-11°</td>
<td>+2°</td>
<td>0°</td>
<td>.030&quot;</td>
<td>Standard</td>
<td>497-6491 497-6490</td>
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<tr>
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<td>-11°</td>
<td>+2°</td>
<td>0°</td>
<td>.030&quot;</td>
<td>Standard</td>
<td>497-7491 497-7490</td>
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</table>

| Mandibular | | | | | | |
| **MANDIBULAR** | | | | | | |
| Central | -3° | +2° | 0° | .045" | Standard | 497-6411 497-6410 |
| Lateral | -3° | +4° | 0° | .045" | Standard | 497-6421 497-6420 |
| Cuspid | +7° | +5° | 0° | .031" | Standard | 497-6431 497-6430 |

* Damon Clear2

## Buccal Tubes

<table>
<thead>
<tr>
<th>Tooth</th>
<th>Torque</th>
<th>Angulation</th>
<th>Rotation</th>
<th>Part Numbers</th>
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<tbody>
<tr>
<td><strong>Maxillary</strong></td>
<td></td>
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<tr>
<td>1st Molar - SnapLink™ Tube</td>
<td>-18°</td>
<td>0°</td>
<td>+12°</td>
<td>438-2161 438-2160</td>
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<tr>
<td>1st Molar - SL Buccal Tube</td>
<td>-18°</td>
<td>0°</td>
<td>+12°</td>
<td>438-2103 438-2104</td>
</tr>
<tr>
<td>1st Molar - SL Buccal Tube – Weldable</td>
<td>-18°</td>
<td>0°</td>
<td>+12°</td>
<td>513-1243 513-1244</td>
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<tr>
<td>1st Molar – Accent™ Mini Tube</td>
<td>-18°</td>
<td>0°</td>
<td>+12°</td>
<td>513-0163 513-0162</td>
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<tr>
<td>2nd Molar – Accent Mini Tube</td>
<td>-27°</td>
<td>0°</td>
<td>+6°</td>
<td>449-1203 449-0203</td>
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<tr>
<td>2nd Molar – Damon™ Tube (Stainless Steel)</td>
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<td>0°</td>
<td>+10°</td>
<td>438-2105 438-2106</td>
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</table>

| Mandibular | | | | |
| **MANDIBULAR** | | | | |
| 1st Molar - SnapLink Tube | -28° | +2° | 0° | 438-2191 438-2190 |
| 1st Molar - SL Buccal Tube | -28° | +2° | 0° | 438-2101 438-2102 |
| 1st Molar – SL Buccal Tube – Weldable | -28° | +2° | 0° | 513-1241 513-1242 |
| 1st Molar – Accent Mini Tube | -28° | 0° | +10° | 513-0165 513-0164 |
| 2nd Molar – Accent Mini Tube | -10° | 0° | 0° | 513-0173 513-0172 |
| 2nd Molar – Titanium Tube | -10° | 0° | +5° | 449-2127 449-2027 |
**DAMON CLEAR BRACKET DIMENSIONS**

<table>
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<tr>
<th>tooth</th>
<th>slot</th>
<th>mesial-distal</th>
<th>mesial-distal (incl. pad)</th>
<th>buccal-lingual (incl. pad)</th>
<th>occlusal-gingival (tie wing)</th>
<th>occlusal-gingival (under tie wing)</th>
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<tr>
<td>U1</td>
<td>.022 x .028&quot;</td>
<td>0.138&quot;</td>
<td>0.138&quot;</td>
<td>0.105&quot;</td>
<td>0.156&quot;</td>
<td>0.120&quot;</td>
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<tr>
<td>U2</td>
<td>.022 x .028&quot;</td>
<td>0.138&quot;</td>
<td>0.138&quot;</td>
<td>0.107&quot;</td>
<td>0.156&quot;</td>
<td>0.120&quot;</td>
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<tr>
<td>U3</td>
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<td>0.138&quot;</td>
<td>0.138&quot;</td>
<td>0.097&quot;</td>
<td>0.156&quot;</td>
<td>0.120&quot;</td>
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<tr>
<td>U4-U5</td>
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<td>0.138&quot;</td>
<td>0.103&quot;</td>
<td>0.156&quot;</td>
<td>0.120&quot;</td>
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**DAMON™ SINGLE PATIENT KITS**

Available in 10 different options, Damon Single Patient Kits feature high-end packaging that’s appealing to your patients!

---

**DAMON SINGLE PATIENT KITS** *(Available in 5-5 and 7-7 Damon Q and Damon Clear2)*

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>Part Number</th>
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<tbody>
<tr>
<td>5-5 U/L Damon Q Single Patient Kit: Std Tq</td>
<td>740-1400</td>
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<tr>
<td>5-5 U/L Damon Q Single Patient Kit: U2-2 Low Tq</td>
<td>740-1401</td>
</tr>
<tr>
<td>5-5 U/L Damon Q Single Patient Kit: U3-3 High Tq, L2-2 Low Tq</td>
<td>740-1402</td>
</tr>
<tr>
<td>7-7 U/L Damon Q Single Patient Kit: Std Tq, Snaplink &amp; Ti Tubes</td>
<td>740-1403</td>
</tr>
<tr>
<td>7-7 U/L Damon Q Single Patient Kit: U2-2 Low Tq, Snaplink &amp; Ti Tubes</td>
<td>740-1404</td>
</tr>
<tr>
<td>7-7 U/L Damon Q Single Patient Kit: U3-3 High Tq, L2-2 Low Tq, Snaplink &amp; Ti Tubes*</td>
<td>740-1405</td>
</tr>
<tr>
<td>7-7 U/L Damon Clear2 (U3-3), Damon Q &amp; Damon Clear (L3-3) Single Patient Kit: Std Tq, Snaplink &amp; Ti Tubes*</td>
<td>740-1406</td>
</tr>
<tr>
<td>5-5 U/L Damon Clear2 (U3-3), Damon Q &amp; Damon Clear (L3-3) Single Patient Kit: Std Tq*</td>
<td>740-1407</td>
</tr>
<tr>
<td>5-5 U/L Damon Clear2 (U3-3), Damon Clear (U4&amp;5/L3-3) &amp; Damon Q Single Patient Kit: Std Tq*</td>
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</tr>
<tr>
<td>7-7 U/L Damon Clear2 (U3-3), Damon Clear (U4&amp;5/L3-3) &amp; Damon Q Single Patient Kit: Std Tq, Snaplink &amp; Ti Tubes*</td>
<td>740-1409</td>
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</tbody>
</table>

Note: When bracket torque is not specified, standard torque brackets are used.
* Hooks on upper cuspid Damon Clear2 brackets
DAMON™ 3MX

EXTRAORDINARY STRENGTH

- Stainless steel 17-4 metal-injection molded (MIM) construction
- Passive self-ligation technology with four solid walls for efficient, low-friction tooth movement
- Easy-to-use slide mechanism with deep funnel and backstop for quick wire changes
- Smooth slot corners for reduced binding even in severe deflections
- Vertical slot for removable drop-in hooks and other auxiliaries
- Contoured base design for optimal bond retention

DAMON 3MX MARKING SYSTEM

<table>
<thead>
<tr>
<th></th>
<th>CENTRAL</th>
<th>LATERAL</th>
<th>CUSPID</th>
<th>1st BICUSPID</th>
<th>2nd BICUSPID</th>
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</thead>
<tbody>
<tr>
<td>UPPER*</td>
<td>Dark Blue</td>
<td>Pink</td>
<td>Green</td>
<td>Purple</td>
<td>Purple</td>
</tr>
<tr>
<td>High Torque**</td>
<td>Red</td>
<td>Red</td>
<td>Red</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low Torque**</td>
<td>Green</td>
<td>Green</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>LOWER*</td>
<td>Yellow</td>
<td>Yellow</td>
<td>Light Blue</td>
<td>White</td>
<td>Red</td>
</tr>
<tr>
<td>High Torque**</td>
<td></td>
<td></td>
<td>Red</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low Torque**</td>
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<td>Green</td>
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</table>

* ID dots are distogingival on all brackets including high and low torques.
** ID markings are located on center of slide.
### DAMON 3MX (Available in Quad™ packaging, 10ea.)

<table>
<thead>
<tr>
<th>Tooth</th>
<th>Torque</th>
<th>Angulation</th>
<th>Rotation</th>
<th>Bracket Type</th>
<th>Part Numbers</th>
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<tbody>
<tr>
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<tr>
<td>Central</td>
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<td>+5°</td>
<td>0°</td>
<td>High</td>
<td>494-4465 494-4464</td>
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<tr>
<td>Central</td>
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<td>+5°</td>
<td>0°</td>
<td>Standard</td>
<td>494-4461 494-4460</td>
</tr>
<tr>
<td>Central</td>
<td>+7°</td>
<td>+5°</td>
<td>0°</td>
<td>Low</td>
<td>494-4463 494-4462</td>
</tr>
<tr>
<td>Lateral</td>
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<td>+9°</td>
<td>0°</td>
<td>High</td>
<td>494-4475 494-4474</td>
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<tr>
<td>Lateral</td>
<td>8°</td>
<td>+9°</td>
<td>0°</td>
<td>Standard</td>
<td>494-4471 494-4470</td>
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<tr>
<td>Cuspid</td>
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<td>+6°</td>
<td>0°</td>
<td>High</td>
<td>494-4483 494-4482</td>
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<tr>
<td>Cuspid</td>
<td>0°</td>
<td>+6°</td>
<td>0°</td>
<td>Low</td>
<td>494-4481 494-4480</td>
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<tr>
<td>Bicuspid</td>
<td>-7°</td>
<td>+2°</td>
<td>0°</td>
<td>Standard</td>
<td>494-4491 494-4490</td>
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<td>0°</td>
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<td>494-4493 494-4492</td>
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<tr>
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**MANDIBULAR**

<table>
<thead>
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<th>Rotation</th>
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<td>0°</td>
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<tr>
<td>Cuspid</td>
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<td>+5°</td>
<td>0°</td>
<td>High</td>
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<tr>
<td>1st Bicuspid</td>
<td>-12°</td>
<td>+2°</td>
<td>0°</td>
<td>Standard</td>
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<tr>
<td>1st Bicuspid – G/O</td>
<td>-12°</td>
<td>+2°</td>
<td>0°</td>
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<td>2nd Bicuspid</td>
<td>-17°</td>
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<tr>
<td>2nd Bicuspid – G/O</td>
<td>-17°</td>
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<tr>
<td>Damon 3MX Drop-in Hooks, 30/pack</td>
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</tbody>
</table>

* Bondable tubes. Contact Ormco for weldable tube options.

### BUCCAL TUBES

<table>
<thead>
<tr>
<th>Tooth</th>
<th>Torque</th>
<th>Angulation</th>
<th>Rotation</th>
<th>Part Numbers</th>
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<tr>
<td><strong>MAXILLARY</strong></td>
<td></td>
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<td></td>
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<tr>
<td>1st Molar - SnapLink™ Tube</td>
<td>-18°</td>
<td>0°</td>
<td>+12°</td>
<td>438-2161 438-2160</td>
</tr>
<tr>
<td>1st Molar – SL Buccal Tube</td>
<td>-18°</td>
<td>0°</td>
<td>+12°</td>
<td>438-2103 438-2104</td>
</tr>
<tr>
<td>1st Molar – SL Buccal Tube – Weldable</td>
<td>-18°</td>
<td>0°</td>
<td>+12°</td>
<td>513-1243 513-1244</td>
</tr>
<tr>
<td>1st Molar – Accent™ Mini Tube</td>
<td>-18°</td>
<td>0°</td>
<td>+12°</td>
<td>515-0163 513-0162</td>
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<tr>
<td>2nd Molar – Accent Mini Tube</td>
<td>-27°</td>
<td>0°</td>
<td>+6°</td>
<td>449-1203 449-0203</td>
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<tr>
<td>2nd Molar – Damon™ Tube (Stainless Steel)</td>
<td>-27°</td>
<td>0°</td>
<td>+10°</td>
<td>438-2105 438-2106</td>
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</table>

| **MANDIBULAR**    |        |            |          |                     |
| 1st Molar - SnapLink Tube | -28°   | +2°        | +2°      | 438-2191 438-2190   |
| 1st Molar – SL Buccal Tube | -28°   | +2°        | +2°      | 438-2101 438-2102   |
| 1st Molar – SL Buccal Tube – Weldable | -28°   | +2°        | +2°      | 513-1241 513-1242   |
| 1st Molar – Accent Mini Tube | -28°   | 0°         | +10°     | 513-0165 513-0164   |
| 2nd Molar – Accent Mini Tube | -10°   | 0°         | 0°       | 513-0173 513-0172   |
| 2nd Molar – Titanium Tube | -10°   | 0°         | +5°      | 449-2127 449-2027   |
**EXTRAORDINARY BEAUTY**

- A combination of clear material and stainless steel for aesthetics and strength
- Passive self-ligation technology with four solid walls for efficient, low-friction tooth movement
- Ultra-smooth contours and rounded edges

---

### DAMON 3 MARKING SYSTEM

<table>
<thead>
<tr>
<th></th>
<th>CENTRAL</th>
<th>LATERAL</th>
<th>CUSPID</th>
<th>1st BICUSPID</th>
<th>2nd BICUSPID</th>
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<tbody>
<tr>
<td>UPPER  *</td>
<td>Dark Blue</td>
<td>Pink</td>
<td>Green</td>
<td>Purple</td>
<td>Purple</td>
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<tr>
<td>High Torque **</td>
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<tr>
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</table>

* ID dots are distogingival on all brackets including high and low torques.
** ID markings are located on center of slide.
### DAMON 3
(Available in Quad™ packaging, 10ea.)

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<tr>
<th>MAXILLARY</th>
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<tr>
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### BUCCAL TUBES

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<th>MAXILLARY</th>
<th>0.022L</th>
<th>0.022R</th>
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<tbody>
<tr>
<td>1st Molar - SnapLink Tube</td>
<td>438-2161</td>
<td>438-2160</td>
</tr>
<tr>
<td>1st Molar - SL Buccal Tube</td>
<td>438-2103</td>
<td>438-2104</td>
</tr>
<tr>
<td>1st Molar - SL Buccal Tube - Weldable</td>
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<td>513-1244</td>
</tr>
<tr>
<td>1st Molar - Accent Mini Tube</td>
<td>515-0163</td>
<td>515-0162</td>
</tr>
<tr>
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<td>2nd Molar - Titanium Tube</td>
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<td>449-0203</td>
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<tr>
<td>2nd Molar - Damon Tube (Stainless Steel)</td>
<td>438-2105</td>
<td>438-2106</td>
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<table>
<thead>
<tr>
<th>MANDIBULAR</th>
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<tr>
<td>1st Molar - SnapLink Tube</td>
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<tr>
<td>1st Molar - SL Buccal Tube</td>
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<tr>
<td>1st Molar - SL Buccal Tube - Weldable</td>
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<td>2nd Molar - Titanium Tube</td>
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### DAMON AUXILIARY PRODUCTS

#### HOOKS, POWER PRODUCTS & ELASTICS

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<tr>
<td>Damon Q Drop-in Hooks (U/L 5-5), 30 per pack</td>
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<td>Damon 3MX Drop-in Hooks (U/L 5-5), 30 per pack</td>
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<td>Damon Tieback Modules – Size 1 (gray), 40 per pack</td>
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<tr>
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<td>Zoo Pack Elastics, 1/4&quot; Extra Heavy Ram</td>
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<tr>
<td>Zoo Pack Elastics, 5/16&quot; Extra Heavy Moose</td>
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<tr>
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<tr>
<td>Closed Coil Springs 9mm Medium Force (10)</td>
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<td>Closed Coil Springs 12mm Medium Force (10)</td>
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<tr>
<td>Bite Turbos</td>
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<td>Damon Arch Symmetry Chart</td>
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<td>AOA LAB PRODUCTS – Contact AOA at 800.262.5221 or aoalab.com</td>
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<td>Archwire Extenders</td>
<td>MATER34</td>
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<td>Damon Retention Splint</td>
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#### INSTRUMENTS

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<td>SpinTek™ Opening Tool (Use with Damon Q, Damon Clear and SnapLink tubes)</td>
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<td>SpinTek Opening /Closing Tool (Use with Damon Q, Damon Clear &amp; SnapLink tubes)</td>
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<td>Damon 3/3MX Dual Tip Opening Instrument – 45º/90º (single piece)</td>
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<td>Damon 3/3MX Dual Tip Opening Instrument – 0º/90º (single piece)</td>
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<td>Damon Cool Tool (archwire director)</td>
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<td>Positive Positioner (for bondable molar tubes)</td>
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<td>Damon Q Debonding/Repositioning Instrument</td>
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<td>Damon Clear Debonding Instrument</td>
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### DAMON AUXILIARY PRODUCTS (cont’d)

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<td>BluGloo™ Two-Way Color-Change Adhesive Syringe Kit (Damon Clear and Damon 3)</td>
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<td>BluGloo Adhesive Syringe Refill</td>
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<td>BluGloo Adhesive Unidose Kit</td>
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<td>Grngloo™ Two-Way Color-Change Adhesive Syringe Kit (Damon Q &amp; Damon 3MX)</td>
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<td>Ortho Solo™ Sealant and Bond Enhancer Kit</td>
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<td>Ortho Solo Unidose Pack</td>
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<td>Disposable Setup Trays (40/pk)</td>
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### DAMON ARCHWIRE COLLECTION
See the archwire section for more information

#### PHASE I: INITIAL LIGHT ROUND WIRES

| .013 | Damon Optimal Force Copper Ni-Ti w/ Archwire Stops | 205-1909 |
| .014 | Damon Optimal Force Copper Ni-Ti w/ Archwire Stops | 205-1902 |
| .016 | Damon Optimal Force Copper Ni-Ti w/ Archwire Stops | 205-1903 |
| .018 | Damon Optimal Force Copper Ni-Ti w/ Archwire Stops | 205-1904 |

#### PHASE II: HIGH-TECHNOLOGY EDGEWISE WIRES

| .014 x .025 | Damon Optimal Force Copper Ni-Ti w/ Archwire Stops | 210-1905 |
| .016 x .025 | Damon Optimal Force Copper Ni-Ti w/ Archwire Stops | 210-1906 |
| .018 x .025 | Damon Optimal Force Copper Ni-Ti w/ Archwire Stops | 210-1907 |
| .016 x 0.025 34mm | Damon Low-Friction TMA | 227-1111 |
| .017 x 0.025 34mm | Damon Low-Friction TMA | 227-1112 |
| .019 x 0.025 34mm | Damon Low-Friction TMA | 227-1113 |
| .016 x 0.025 34mm | Damon Low-Friction Purple TMA™ | 227-1141 |
| .017 x 0.025 34mm | Damon Low-Friction Purple TMA™ | 227-1142 |
| .019 x 0.025 34mm | Damon Low-Friction Purple TMA™ | 227-1143 |
| .016 x 0.025 34mm | Damon Low-Friction Honeydew TMA™ | 227-1151 |
| .017 x 0.025 34mm | Damon Low-Friction Honeydew TMA™ | 227-1152 |
| .019 x 0.025 34mm | Damon Low-Friction Honeydew TMA™ | 227-1153 |
| .016 x 0.025 24mm Stainless Steel | Damon Stainless Steel No Dimple | 227-1067 |
| .019 x 0.025 24mm Stainless Steel | Damon Stainless Steel No Dimple | 227-1071 |
| .016 x 0.025 28mm Stainless Steel | Damon Stainless Steel No Dimple | 227-1081 |
| .019 x 0.025 28mm Stainless Steel | Damon Stainless Steel No Dimple | 227-1082 |
| .016 x 0.025 30mm Stainless Steel | Damon Stainless Steel No Dimple | 227-1083 |
| .019 x 0.025 30mm Stainless Steel | Damon Stainless Steel No Dimple | 227-1084 |
| .016 x 0.025 32mm Stainless Steel | Damon Stainless Steel No Dimple | 227-1085 |
| .019 x 0.025 32mm Stainless Steel | Damon Stainless Steel No Dimple | 227-1086 |
| .016 x 0.025 34mm Stainless Steel | Damon Stainless Steel No Dimple | 227-1087 |
| .019 x 0.025 34mm Stainless Steel | Damon Stainless Steel No Dimple | 227-1088 |
| .016 x 0.025 36mm Stainless Steel | Damon Stainless Steel No Dimple | 227-1089 |
| .019 x 0.025 36mm Stainless Steel | Damon Stainless Steel No Dimple | 227-1090 |
| .016 x 0.025 38mm Stainless Steel | Damon Stainless Steel No Dimple | 227-1091 |
| .019 x 0.025 38mm Stainless Steel | Damon Stainless Steel No Dimple | 227-1092 |
| .016 x 0.025 40mm Stainless Steel | Damon Stainless Steel No Dimple | 227-1093 |
| .019 x 0.025 40mm Stainless Steel | Damon Stainless Steel No Dimple | 227-1094 |

**Bold indicates most frequently used archwires**

**5/pk. All other wires packaged in packs of 10. Note: 5/pk. All other wires packaged in packs of 10. Note: Bold indicates most frequently used archwires**
Inspire ICE crystal clear brackets are designed as a true twin made of monocrystalline with a sapphire finish that provides unmatched clarity to blend with any tooth shade, and also ensures superior torque and tie wing strength.  

- Inspire ICE brackets are more transparent than brackets made of polycrystalline, which means they naturally adapt and blend in with any tooth shade.
- Ormco’s unique heat-treatment and processing technology provides unmatched strength and clarity.
- Superior tie wing strength provides brackets that are 2X stronger than the leading competitor.
- 3X more torque strength than the leading competitor for treatment flexibility.
- Easy to debond and with less enamel damage than other ceramic appliances due to Ormco’s proprietary ball base technology that ensures ample bond strengths, but reduces the force required to debond when using the Inspire ICE debonding tool.
- Lowest profile monocrystalline bracket.
- Ultrasmooth heat polished surface and rounded contours for patient comfort.
- Fast and accurate placement due to the rhomboid shape, tooth specific pad contours and unique FacePaint™ system.
- Will not stain.

Inspire ICE is part of Ormco’s Straight-Wire™ family and may be combined with any other Straight-Wire bracket without compromising treatment.

EASY TO DEBOND

Inspire Ice features Ormco’s proprietary ball-base design, which reduces the force to debond for safe, easier single piece removal.

Using the Inspire ICE bracket removal plier ensures brackets come off easily and consistently. Simply engage the Inspire ICE debonding instrument under the tie wing area and advance the instrument toward the bracket pad.

2 Data on file


Inspire ICE™

INSPIRE ICE also incorporates Ormco’s proprietary Face-Paint System, which is designed to facilitate bracket placement as well as identification. The facial surface is coated with a nontoxic, water-soluble dye and the recesses of the archwire slot and inner tie wing are uncolored. This creates a “cross-hairs” effect that facilitates fast, accurate placement.

**INSPIRE ICE** (Available in Quad packaging; 5 ea.; single-patient kit)

<table>
<thead>
<tr>
<th>Tooth</th>
<th>Torque</th>
<th>Angulation</th>
<th>Rot.</th>
<th>Bracket Type</th>
<th>Part Numbers</th>
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<td><strong>MAXILLARY</strong></td>
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<td>+9°</td>
<td>0°</td>
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<td>4°</td>
<td>Twin</td>
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<tr>
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<td>4°</td>
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<td>443-1311, 443-1310, 444-1311, 444-1310</td>
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<td>0°</td>
<td>2°</td>
<td>Twin</td>
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<td>Single-Patient Kit</td>
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**INSPIRE ICE** (Available in Quad packaging; 5 ea.; single-patient kit)
**McLAUGHLIN, BENNETT & TREVISI’ Rx**

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*Does not imply endorsement*

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**INSPIRE ICE SUPER TORQUE & SPECIAL OPTIONS**

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<td>4°</td>
<td>Twin</td>
<td>443-1341</td>
</tr>
</tbody>
</table>

All hooks are disto-gingival unless otherwise noted.
SPIRIT™ MB

MECHANICAL BASE BONDING FOR AESTHETICS
YOU CAN DEPEND ON

With its track record of clinical performance, Spirit™ MB is an aesthetic bracket made of a proprietary combination of polymers and a patterned base for increased mechanical retention. Spirit MB is ideal for cases where enamel wear may be a concern.

SPIRIT MB FACE-PAINT™ IDENTIFICATION SYSTEM

SpiritMB also incorporates Ormco's proprietary Face-Paint System, which is designed to facilitate bracket placement as well as identification. The facial surface is coated with a nontoxic, water-soluble dye and the recesses of the archwire slot and inner tie wing are uncolored. This creates a "cross-hairs" effect that makes placement a breeze.

MAXILLARY:
- Centrals – Blue
- Laterals – Red
- Cuspids – Green
- Bicusps – Orange

MANDIBULAR:
- Anteriors – Red
- Cuspids – Purple
- Bicusps – Pink

SPIRIT MB – LEVEL ARCH MODERN (Available in 5 ea.; single-patient kit)

<table>
<thead>
<tr>
<th>Tooth</th>
<th>Torque</th>
<th>Angulation</th>
<th>Bracket Type</th>
<th>Size</th>
<th>Part Numbers</th>
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<tbody>
<tr>
<td>MAXILLARY</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Central</td>
<td>+14°</td>
<td>+5°</td>
<td>Twin</td>
<td>3.5</td>
<td>494-0111/494-0110</td>
</tr>
<tr>
<td>Lateral</td>
<td>+7°</td>
<td>+8°</td>
<td>Twin</td>
<td>3.5</td>
<td>494-0211/494-0210</td>
</tr>
<tr>
<td>Cuspid</td>
<td>0°</td>
<td>+10°</td>
<td>Twin</td>
<td>3.5</td>
<td>494-0301/494-0300</td>
</tr>
<tr>
<td>Cuspid – hook</td>
<td>0°</td>
<td>+10°</td>
<td>Twin</td>
<td>3.5</td>
<td>494-1301/494-1300</td>
</tr>
<tr>
<td>Bicuspid</td>
<td>-7°</td>
<td>0°</td>
<td>Twin</td>
<td>3.1</td>
<td>494-0411/494-0410</td>
</tr>
<tr>
<td>Bicuspid – hook</td>
<td>-7°</td>
<td>0°</td>
<td>Twin</td>
<td>3.1</td>
<td>494-1411/494-1410</td>
</tr>
</tbody>
</table>

| MANDIBULAR |        |            |              |      |                       |
| Anteriors  | -1°    | 0°         | Twin         | 3.1  | 494-0025/495-0025     |
| Cuspid    | -7°    | +6°        | Twin         | 3.5  | 494-0411/494-0410     |
| Cuspid – hook | -7°  | +6°        | Twin         | 3.5  | 494-1411/494-1410     |
| 1st Bicuspid | -11°  | 0°         | Twin         | 3.1  | 494-0615/495-0615     |
| 1st Bicuspid – hook | -11°  | 0°         | Twin         | 3.1  | 494-1615/495-1615     |
| 2nd Bicuspid | -17°  | 0°         | Twin         | 3.1  | 494-0725/495-0725     |

All hooks are disto-gingival unless otherwise noted.

continued on next page
## SPIRIT MB – LEVEL ARCH MODERN (cont’d)

<table>
<thead>
<tr>
<th>SINGLE-PATIENT KITS</th>
<th>.018 L</th>
<th>.018 R</th>
<th>.022 L</th>
<th>.022 R</th>
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<tbody>
<tr>
<td>Single-Patient Kit</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Upper 3 – 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper 3 – 3, hooks on Cuspid</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper/Lower 3 – 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper/Lower 3 – 3, hooks on Cuspid</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper 5 – 5, hooks on Cuspid</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper/Lower 5 – 5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper/Lower 5 – 5, hooks on Cuspid</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

All hooks are disto-gingival unless otherwise noted.

## SPIRIT MB – ADDITIONAL OPTIONS

<table>
<thead>
<tr>
<th>tooth</th>
<th>torque</th>
<th>angulation</th>
<th>bracket type</th>
<th>N/D</th>
<th>I/O</th>
<th>part numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAXILLARY</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Central</td>
<td>+22°</td>
<td>+5°</td>
<td>Twin</td>
<td>3.5</td>
<td>1.3</td>
<td>494-0121</td>
</tr>
<tr>
<td>Central</td>
<td>+14°</td>
<td>+8°</td>
<td>Twin</td>
<td>3.5</td>
<td>1.5</td>
<td>494-0221</td>
</tr>
<tr>
<td>Cuspid</td>
<td>+7°</td>
<td>+10°</td>
<td>Twin</td>
<td>3.5</td>
<td>1.0</td>
<td>494-0321</td>
</tr>
<tr>
<td>Cuspid – hook</td>
<td>+7°</td>
<td>+10°</td>
<td>Twin</td>
<td>3.5</td>
<td>1.0</td>
<td>494-1321</td>
</tr>
</tbody>
</table>

| MANDIBULAR           |        |            |              |     |     |              |
| Cuspid               | +7°    | +5°        | Twin         | 3.5 | 0.8 | 494-0421     |
| Cuspid – hook        | +7°    | +5°        | Twin         | 3.5 | 0.8 | 494-1421     |

All hooks are disto-gingival unless otherwise noted.
THE WORLD’S FIRST SELF-LIGATING SQUARE SLOT BRACKET

Developed through collaboration with world-renowned lingual leaders, Drs. Kyoto Takemoto and Giuseppe Scuzzo, Alias offers an aesthetic alternative to labial brackets or aligners, but with the efficiency of Straight-Wire™ mechanics. Alias’ unique square slot allows for optimized movement and the greater interbracket distances make the aligning stage easier.

BRACKET FEATURES

The Alias lingual bracket system features rounded contours and a low profile design for both clinical performance and patient comfort.

Simplicity
- **Easy open and close** - Self-ligating slide makes archwire changes faster and easier.
- **Custom indirect bonding setup** - AOA Lab creates custom setups, making bracket placement fast, simple and accurate.
- **Streamlined inventory** - Single-patient kits to suit preferences and treatments needs.

Efficiency
- **Passive self-ligating mechanics** - Alias is designed to minimize friction while producing light, continuous orthodontic forces that allow the teeth to move more smoothly.
- **Enhanced sliding mechanics** - Straight-Wire shape facilitates easier sliding.
- **Simplified finishing bends** - Lingual wire replicates the labial Straight-Wire arch form, making wire bends intuitive.
- **Enhanced rotational and torque control** - Patented .018 x .018 square slot provides optimal control and results.

Comfort
- **Enhanced patient comfort** - Designed with low bracket profiles and rounded contours.
SIMPLIFIED WIRE CHANGES AND OPENING/CLOSING
The Lingual Hinge Cap Opener and Slim Weingart instruments facilitate easy and fast wire changes.

**.018 X .018 SQUARE ARCHWIRE SLOT**
The patented .018 x .018 square passive self-ligating slot and enhanced Straight-Wire™ sliding mechanics improve torque and rotational control. Lingual brackets using the .018 x .025 slot have more play, thus less torque control, versus Alias.*

<table>
<thead>
<tr>
<th>Square slot</th>
<th>.016&quot; x .016&quot; wire</th>
<th>.017&quot; x .017&quot; wire</th>
<th>.0175&quot; x .0175&quot; wire</th>
</tr>
</thead>
<tbody>
<tr>
<td>.018&quot; x .018&quot;</td>
<td>~7–8° play</td>
<td>~3–4° play</td>
<td>~1–2° play</td>
</tr>
<tr>
<td>Rectangular slot</td>
<td>.016&quot; x .022&quot; wire</td>
<td>.017&quot; x .022&quot; wire</td>
<td>.017&quot; x .025&quot; wire</td>
</tr>
<tr>
<td>.018&quot; x .025&quot;</td>
<td>~5–6° play</td>
<td>~2–3° play</td>
<td>~2–3° play</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Square slot</th>
<th>.018&quot; x .018&quot; slot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rectangular slot</td>
<td>.018&quot; x .025&quot; slot</td>
</tr>
</tbody>
</table>

With both round and square wires:
Tipping control: square slot = rectangular slot
Rotation control: square slot superior to rectangular slot

GENERAL PROTOCOLS AND ARCHWIRE SEQUENCE
PROVIDED BY DRS. TAKEMOTO AND SCUZZO*

OPEN COIL SPRINGS  To resolve rotations when teeth are too crowded and bracket placement isn't possible, place an open coil spring 1.3x – 1.4x the interbracket distance to help open the space.

Buccal Attachments  A variety of clear buccal attachments may be used to enhance buccal leveling, using inter-maxillary elastics, and for creating space.

Bite Turbos/Bite Blocks  As with labial treatment, the patient’s bite may create a bracket to tooth interference. With lingual treatment, it is common after initial bonding for the lower anterior edge to contact the upper anterior bracket(s). Temporary resin fillings (bite turbos/bite blocks) should be placed to prevent this.

WIRE SEQUENCE

<table>
<thead>
<tr>
<th>Non-Extraction Cases</th>
<th>Extraction Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Initial Leveling</strong></td>
<td><strong>Initial Leveling</strong></td>
</tr>
<tr>
<td>Archwire</td>
<td>Objective</td>
</tr>
<tr>
<td>.013 CuNiTi</td>
<td>For severe crowing</td>
</tr>
<tr>
<td><strong>Option</strong>: .014 CuNiTi</td>
<td>For moderate crowding</td>
</tr>
<tr>
<td><strong>Completing Leveling and Rotational Control</strong></td>
<td><strong>Completing Leveling and Rotational Control</strong></td>
</tr>
<tr>
<td>Archwire</td>
<td>Objective</td>
</tr>
<tr>
<td>.016 CuNiTi</td>
<td>Complete leveling and alignment including rotation correction; partial arch form stabilization</td>
</tr>
<tr>
<td>.016x016 CuNiTi</td>
<td>Initial torque leveling and arch form stabilization</td>
</tr>
<tr>
<td><strong>Torque and Arch Form Control</strong></td>
<td><strong>Torque and Arch Form Control</strong></td>
</tr>
<tr>
<td>Archwire</td>
<td>Objective</td>
</tr>
<tr>
<td>.018x018 CuNiTi</td>
<td>Complete torque leveling and arch form stabilization</td>
</tr>
<tr>
<td><strong>Finishing or Detailing</strong></td>
<td><strong>Finishing or Detailing</strong></td>
</tr>
<tr>
<td>Archwire</td>
<td>Objective</td>
</tr>
<tr>
<td>.0175x.0175 TMA</td>
<td>If necessary for torque refinements and/or final detailing</td>
</tr>
<tr>
<td><strong>Option</strong>: .016 TMA</td>
<td>Final detailing Control width of both U&amp;L arches in cases with initial width discrepancy</td>
</tr>
<tr>
<td>.0175x.0175 TMA</td>
<td>Torque establishment</td>
</tr>
<tr>
<td><strong>Space Closure</strong></td>
<td><strong>Space Closure</strong></td>
</tr>
<tr>
<td>.017x .017 SS or .018x.018 SS</td>
<td>(if full torque control is needed with reduced posterior wire size for sliding)</td>
</tr>
<tr>
<td><strong>Option</strong>: .016x.016 SS</td>
<td>(if there is no need for torque control)</td>
</tr>
</tbody>
</table>

Note: .018 x .018 archwires may fit snugly due to normal manufacturing tolerances.

* The opinions expressed are those of Drs. Takemoto and Scuzzo. Ormco is a medical device manufacturer and does not dispense medical advice. Clinicians should use their own professional judgment in treating their patients. Drs. Takemoto and Scuzzo are paid consultants for Ormco.
### SINGLE PATIENT KITS AND ARCHWIRE PACKS (Packs of 10)

<table>
<thead>
<tr>
<th>Initial leveling:</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>.013 CuNiTi: For Severe Crowding</strong></td>
<td></td>
</tr>
<tr>
<td>Straight-Wire CuNiTi .013 Dia Sm Pk10</td>
<td>204-2101</td>
</tr>
<tr>
<td>Straight-Wire CuNiTi .013 Dia Med Pk10</td>
<td>204-2102</td>
</tr>
<tr>
<td>Straight-Wire CuNiTi .013 Dia Lg Pk10</td>
<td>204-2103</td>
</tr>
<tr>
<td><strong>.013 CuNiTi: For Severe Crowding</strong></td>
<td></td>
</tr>
<tr>
<td>Straight-Wire CuNiTi .014 Dia Sm Pk10</td>
<td>204-2131</td>
</tr>
<tr>
<td>Straight-Wire CuNiTi .014 Dia Med Pk10</td>
<td>204-2132</td>
</tr>
<tr>
<td>Straight-Wire CuNiTi .014 Dia Lg Pk10</td>
<td>204-2133</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Finishing or detailing:</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>.017 X .017 TMA</strong></td>
<td></td>
</tr>
<tr>
<td>Straight-Wire TMA .0175 X .0175 Sm Pk10</td>
<td>204-2211</td>
</tr>
<tr>
<td>Straight-Wire TMA .0175 X .0175 Med Pk10</td>
<td>204-2212</td>
</tr>
<tr>
<td>Straight-Wire TMA .0175 X .0175 Lg Pk10</td>
<td>204-2213</td>
</tr>
<tr>
<td><strong>.016 X .016 SST</strong></td>
<td></td>
</tr>
<tr>
<td>Straight-Wire SST .016 X .016 Sm Pk10</td>
<td>204-2321</td>
</tr>
<tr>
<td>Straight-Wire SST .016 X .016 Med Pk10</td>
<td>204-2322</td>
</tr>
<tr>
<td>Straight-Wire SST .016 X .016 Lg Pk10</td>
<td>204-2323</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Completing leveling and rotational control:</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>.016 CuNiTi</strong></td>
<td></td>
</tr>
<tr>
<td>Straight-Wire CuNiTi .016 Dia Sm Pk10</td>
<td>204-2111</td>
</tr>
<tr>
<td>Straight-Wire CuNiTi .016 Dia Med Pk10</td>
<td>204-2112</td>
</tr>
<tr>
<td>Straight-Wire CuNiTi .016 Dia Lg Pk10</td>
<td>204-2113</td>
</tr>
<tr>
<td><strong>.016 X .016 CuNiTi</strong></td>
<td></td>
</tr>
<tr>
<td>Straight-Wire CuNiTi .016 X .016 Sm Pk10</td>
<td>204-2121</td>
</tr>
<tr>
<td>Straight-Wire CuNiTi .016 X .016 Med Pk10</td>
<td>204-2122</td>
</tr>
<tr>
<td>Straight-Wire CuNiTi .016 X .016 Lg Pk10</td>
<td>204-2123</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Bracket kits</th>
<th>Part number</th>
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</thead>
<tbody>
<tr>
<td><strong>5 PACKS</strong></td>
<td></td>
</tr>
<tr>
<td>Upper 2-2</td>
<td>.018</td>
</tr>
<tr>
<td>Lower 2-2</td>
<td>.018</td>
</tr>
<tr>
<td>U3R</td>
<td>.018</td>
</tr>
<tr>
<td>U3L</td>
<td>.018</td>
</tr>
<tr>
<td>L3R</td>
<td>.018</td>
</tr>
<tr>
<td>L3L</td>
<td>.018</td>
</tr>
<tr>
<td>Upper 4's &amp; Lower 4's &amp; 5's</td>
<td>.018</td>
</tr>
<tr>
<td>Upper 5's</td>
<td>.018</td>
</tr>
<tr>
<td>U6R</td>
<td>.018</td>
</tr>
<tr>
<td>U6L</td>
<td>.018</td>
</tr>
<tr>
<td>Lower 6's</td>
<td>.018</td>
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<tr>
<td>U7R</td>
<td>.018</td>
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<tr>
<td>U7L</td>
<td>.018</td>
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<tr>
<td>L7R</td>
<td>.018</td>
</tr>
<tr>
<td>L7L</td>
<td>.018</td>
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</tbody>
</table>

**ALL INCLUSIVE PATIENT KITS WITH INDIRECT BONDING SETUP**

AOA Lab will prepare your ALIAS patient set up for easy and convenient indirect bonding (IDB). Bracket placement accuracy is optimized with our C.L.A.S.S. system which follows your Rx, and incorporates a custom composite base, which ensures the bracket base matches each tooth’s anatomy. Our experienced technicians use the Straight-Wire template and high quality adhesive products to prepare the tray for placement in your office on bonding day.

- Decrease bonding time and improve bracket placement
- Full assortment of ALIAS brackets and wires on hand at AOA
- Full 7X7 U/L available
- Soft tray holds brackets with a rigid outer tray to ensure stability and easy placement

For your complete Indirect Bonding Set up, contact AOA Lab at 800-262-5221. Use the online Rx and order form through AOA access: https://www.aoaaccess.com/Products/Indirect-Bonding/AliaS-Straight-Wire-Indirect-Bonding-Sys

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**STb™ LIGHT LINGUAL SYSTEM**

The STb Lingual system is designed for light-force mechanics, with reduced friction to allow teeth to move with efficiency. In most cases, a full TARG or CLASS setup is not required. Indirect bonding application can be fabricated in your own practice or by AOA laboratory.

- Designed for patient comfort to minimize impact on speech
- Discreet, aesthetic option eliminates compliance issues and misplaced aligners
- Low bracket profile at 1.5mm and rounded design provides improved comfort
- Most cases without TARG or CLASS set-up

**STb™ SOCIAL 6 LIGHT LINGUAL SYSTEM**

The most aesthetic option available within the STb family, STb Social 6 is aimed towards patients motivated to correct minor to moderate crowding or spacing issues affecting anterior teeth.

- Simple two-wire sequence unravels and aligns teeth
- No custom wire shaping and reduced need for composite buttons

**Complete STb™ System (7-7)**

*Treatment Time: 6 Months*

**STb™ Social 6 (3-3)**

*Treatment Time: 8 Weeks*
**STb™ STRAIGHT-WIRE SYSTEM**

Designed for treatment efficiency and patient comfort, the STb Straight-Wire and Bicuspid brackets accommodate varying patient anatomy to facilitate ideal archform development and occlusion. The bases of the brackets include compensation for use with Straight-Wire.

STb Straight-Wire Bicuspid brackets have been specifically engineered to accommodate the STb Straight-Wire. These brackets feature a lower profile than the original STb Bicuspid brackets and are available with and without a hook.

### STb™ STRAIGHT-WIRE MARKING SYSTEM

<table>
<thead>
<tr>
<th></th>
<th>central</th>
<th>lateral</th>
<th>cuspid</th>
<th>1st bicuspid</th>
<th>2nd bicuspid</th>
</tr>
</thead>
<tbody>
<tr>
<td>UPPER*</td>
<td>Dark Blue</td>
<td>Pink</td>
<td>Green</td>
<td>Purple</td>
<td>Purple</td>
</tr>
<tr>
<td>High Torque**</td>
<td>Red</td>
<td>Red</td>
<td>Red</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low Torque**</td>
<td>Green</td>
<td>Green</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LOWER*</th>
<th>central</th>
<th>lateral</th>
<th>cuspid</th>
<th>1st bicuspid</th>
<th>2nd bicuspid</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Torque**</td>
<td>Yellow</td>
<td>Yellow</td>
<td>Light Blue</td>
<td>White</td>
<td>Red</td>
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<tr>
<td>Low Torque**</td>
<td>Green</td>
<td>Green</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*ID dots are disto-gingival on all brackets, including high and low torques.
**ID dots are located on center of slide.
### STb STRAIGHT-WIRE SYSTEM (Available in 10 ea.; single-patient kit)

<table>
<thead>
<tr>
<th>Tooth</th>
<th>Torque</th>
<th>Angle</th>
<th>D/O</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ANTERIORS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper 3 – 3 Universal*</td>
<td>+55°</td>
<td>0°</td>
<td>0°</td>
<td>369-2102</td>
</tr>
<tr>
<td>Upper 3 – 3 Universal, hook*</td>
<td>+55°</td>
<td>0°</td>
<td>0°</td>
<td>369-3102</td>
</tr>
<tr>
<td>Lower 3 – 3 Universal*</td>
<td>+40°</td>
<td>0°</td>
<td>0°</td>
<td>369-2110</td>
</tr>
<tr>
<td>Lower 3 – 3 Universal, hook*</td>
<td>+40°</td>
<td>0°</td>
<td>0°</td>
<td>369-3110</td>
</tr>
<tr>
<td><strong>BICUSPIDS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper/Lower 4 &amp; 5 Universal</td>
<td>+11°</td>
<td>0°</td>
<td>0°</td>
<td>369-2402</td>
</tr>
<tr>
<td>Upper/Lower 4 &amp; 5 Universal, hook</td>
<td>+11°</td>
<td>0°</td>
<td>0°</td>
<td>369-3402</td>
</tr>
<tr>
<td>Upper/Lower 4 &amp; 5 Universal</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
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<tr>
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<td>+5°</td>
<td>369-3600</td>
</tr>
<tr>
<td>Upper 6L, hook</td>
<td>+10°</td>
<td>0°</td>
<td>+5°</td>
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<tr>
<td>Upper 7R, hook</td>
<td>+10°</td>
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<tr>
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<td>+5°</td>
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All hooks are disto-gingival unless otherwise noted.

*Parts for STb Social 6 cases

Please reference lingual arch form wires for STb light lingual system archwire part numbers  (See Section 5, Page 116)
### STb LIGHT LINGUAL SYSTEM
(Available in 10 ea.; single-patient kit)

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<td>Lower 7L, hook</td>
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<td>Upper &amp; Lower 7-7</td>
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All hooks are disto-gingival unless otherwise noted.

*Parts for STb Social 6 cases

Please reference lingual arch form wires for STb light lingual system archwire part numbers  
(See Section 5, Page 116)

### COMPLEMENTARY PRODUCTS

See various sections of this catalog for the following product that complement the Lingual brackets.

- Grêngloo (See Section 6)
- Lingual Wires (See Section 5)
- Lingual Straight Wires (See Section 5)
- Demi Plus (See Section 6)
LINGUAL APPLIANCE SYSTEM

Ormco’s original lingual appliance system

- Easy to ligate – more under-tie wing area
- Easy archwire insertion – rounded slot openings and gingival ramp guide wires into slots
- Comfortable and compact

AOA

For Exceptional Lingual Indirect Bonding Service, Call AOA.

C.L.A.S.S. (Custom Lingual Appliance Setup Service) setups and T.A.R.G. (Torque Angulation Reference Guide) services are available from AOA. AOA maintains a complete inventory of Ormco lingual brackets and archwires. Call 800.262.5221 to discuss your lingual orthodontic needs.

### GEN 7 LINGUAL APPLIANCE

Available in single-patient and two-patient kit

<table>
<thead>
<tr>
<th>tooth</th>
<th>bracket type</th>
<th>part numbers</th>
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</thead>
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<tr>
<td>MAXILLARY</td>
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</tr>
<tr>
<td>Central</td>
<td>Lingual</td>
<td>367-5012</td>
</tr>
<tr>
<td>Lateral</td>
<td>Lingual</td>
<td>367-5013</td>
</tr>
<tr>
<td>Cuspid</td>
<td>Lingual</td>
<td>367-5014</td>
</tr>
<tr>
<td>Bicuspid</td>
<td>Lingual</td>
<td>367-5015</td>
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<td>Molar</td>
<td>Twin</td>
<td>367-1816</td>
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<tr>
<td>Molar – weldable</td>
<td>Twin, transpalatal sheath</td>
<td>367-0049/Universal</td>
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<tr>
<td>Molar</td>
<td>Hinge cap</td>
<td>367-1616</td>
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<tr>
<td>Molar – weldable</td>
<td>Hinge cap</td>
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</tr>
<tr>
<td>Molar</td>
<td>Terminal tube</td>
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All lingual brackets include a hook, except the upper molar twin with transpalatal sheath.

continued on next page
### GEN 7 LINGUAL APPLIANCE (cont’d) Available in single-patient and two-patient kit

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<td>Hinge cap</td>
<td>367-1636</td>
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<tr>
<td>Molar – weldable</td>
<td>Hinge cap</td>
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<td>Molar</td>
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<tr>
<td>Molar – weldable</td>
<td>Terminal tube</td>
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</table>

<table>
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<th>.018 R</th>
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<th>.022 R</th>
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<td>368-5033</td>
<td>368-5023</td>
</tr>
</tbody>
</table>

All lingual brackets include a hook, except the upper molar twin with transpalatal sheath.

[Images of lingual appliances]
INS AND OUTS OF ORTHOS

Orthos is derived from computer-aided anatomical analysis of hundreds of orthodontic cases and was the first scientifically based, computer-engineered, coordinated system of brackets and wires. The bracket geometries and a coordinated arch form are designed to help reduce the common challenges of everyday treatment and the need for compensating wire bends when compared with non-Orthos appliances.

COORDINATED ARCHWIRE SYSTEM

The bio-engineered geometries of the Orthos appliance are designed to work specifically with the coordinated archwire system. The Orthos arch form comes in a full complement of sizes, alloys and configurations to treat your cases effectively and efficiently from start to finish.
ORTHOS MARKING SYSTEM

- All brackets are color-coded by quadrant:
  - Upper right = Blue
  - Upper Left = Black
  - Lower right = Red
  - Lower Left = Yellow
- The dimple or paint mark is on the distogingival tie wing unless otherwise noted.
- Upper and lower 2nd bicuspid have dimples/paint on both gingival tie wings.
- Upper centrals are wider than upper laterals.
- The lower laterals, cuspids and bicuspid also feature a scribe line on the occlusal tie wing.
- Because of the specificity of the Orthos appliance, there are no universal brackets.

To achieve the proper expression of the Orthos appliance, all brackets should be placed at the following heights (based on the average patient):

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<tr>
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<th>MAXILLARY</th>
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<tbody>
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<td>Central</td>
<td>4.4 mm</td>
<td>3.9 mm</td>
</tr>
<tr>
<td>Lateral</td>
<td>3.8 mm</td>
<td>3.9 mm</td>
</tr>
<tr>
<td>Cuspid</td>
<td>4.4 mm</td>
<td>4.6 mm</td>
</tr>
<tr>
<td>1st Bicuspid</td>
<td>4.1 mm</td>
<td>3.9 mm</td>
</tr>
<tr>
<td>2nd Bicuspid</td>
<td>3.6 mm</td>
<td>3.9 mm</td>
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ORTHOS

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<th>bracket type</th>
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<th>part numbers MANDIBULAR</th>
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<td>.018</td>
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<tr>
<td>Lateral</td>
<td>+9</td>
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<td>-4.5*</td>
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<tr>
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<td>+9</td>
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<td>Twin</td>
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<td>+10</td>
<td>0*</td>
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<td>Twin</td>
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<tr>
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<td>0</td>
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All hooks are disto-gingival unless otherwise noted.
*Compensation in Slot/Distal offset.

continued on next page
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<tr>
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**SINGLE-PATIENT KITS**

| Single-Patient Kit | Upper/Lower 5 — 5, hooks on Cuspids | 740-1246 | 740-1247 |

All hooks are disto-gingival unless otherwise noted.

*Compensation in Slot/Distal offset
FIT AND FORGET

Tooth-specific pad shapes and contours make Titanium Orthos brackets easy to place for more accurate finishing and minimizes mid-treatment repositioning.

- Tooth-shaped pads on every bracket for easy and consistent placement
- Excellent mechanical bond retention due to material and pad design

COMPENSATION IN SLOT (CIS)

Compensation is cut into the slot of the lower cuspid brackets to allow the archwire to sweep as close to the tooth surface as is practical. This allows a reduction in the profile of the lower anterior brackets. The Compensation In Slot (CIS) geometry does not “rotate” the tooth. The CIS geometry does, in conjunction with the archwires, compensate for 1st order discrepancies.
## TITANIUM ORTHOS MARKING SYSTEM

### TITANIUM ORTHOS

(Available in Quad™ packaging, 10ea; single-patient kits)

<table>
<thead>
<tr>
<th>tooth</th>
<th>torque</th>
<th>angle</th>
<th>rot.*</th>
<th>bracket type</th>
<th>part numbers</th>
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<td>0°</td>
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All bicuspid brackets are gingivally offset.
All hooks are distogingival unless otherwise noted.
*Compensation in Slot/Distal offset

**continued on next page**
### TITANIUM ORTHOS (cont’d)

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<tr>
<th>Tooth</th>
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### SINGLE-PATIENT KITS

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All bicuspid brackets are gingivally offset.
All hooks are disto-gingival unless otherwise noted.
*Compensation in Slot/Distal offset
ORTHOS AP MARKING SYSTEM

- All brackets are color-coded by quadrant:
  - Upper right – Orange
  - Upper left – White
  - Lower right – Purple
  - Lower left – Green
  - Lower anteriors – Black

- The dimple or paint mark is on the disto-gingival tie wing unless otherwise noted.

- Upper and lower 2nd bicuspid have dimples/paint on both gingival tie wings.

- Upper centrals are wider than upper laterals.

- The lower laterals, cuspids and bicuspid also feature a scribe line on the occlusal tie wing.

To achieve the proper expression of the Orthos appliance, all brackets should be placed at the following heights (based on the average patient):

<table>
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<th>Tooth</th>
<th>MAXILLARY</th>
<th>MANDIBULAR</th>
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<tr>
<td>Cuspid</td>
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ORTHOS AP (Available in Quad packaging, 10 ea)

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<td>1st Bicuspid</td>
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All hooks are disto-gingival unless otherwise noted.
*Compensation in Slot
**BIOS MARKING SYSTEM**

- All brackets are color-coded by quadrant:
  - Upper right – Blue, Tan
  - Lower right – Red
  - Upper left – Pink, Black
  - Lower left – Yellow
- The dimple or paint mark will be on the disto-gingival tie wing, unless otherwise noted.
- Upper and lower 2nd bicuspids have dimples/paint on both gingival tie wings.
- Upper centrals are wider than upper laterals.
- Lower laterals, cuspids and bicuspids also feature a scribe line on the occlusal tie wings.
- Because of the specificity of the Bios appliance, there are no universal brackets.

To achieve the proper expression of the Bios appliance, all brackets should be placed at the following heights (based on the average patient):

<table>
<thead>
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<th>Tooth</th>
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**BIOS**

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*All hooks are disto-gingival unless otherwise noted.
*Compensation in Slot/Distal offset

continued on next page
**BIOS (cont’d)**

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<th>Bracket Type</th>
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All hooks are disto-gingival unless otherwise noted.

*Compensation in Slot/Distal offset
The Mini Diamond was developed in response to a patient need for a smaller, more aesthetic metal bracket. Mini Diamond offers improved aesthetics in a miniaturized bracket without compromising function.

- Designed for patient comfort
- Improved utility with refined Hemi Hooks™ and permanent I.D. marking system
- Made from extremely durable stainless steel for strength and performance

### MINI DIAMOND TWIN

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All hooks are disto-gingival unless otherwise noted.

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All hooks are disto-gingival unless otherwise noted.
**MINI DIAMOND MARKING SYSTEM**

- Open dimple (*) = Maxillary
- Red dimple (•) = Mandibular
- On Mini Diamond or other angulated assemblies, the dimple is on the disto-gingival tie wing (twin) or gingival tie wing (single)
- On non-angulated assemblies, dimples can be on either gingival tie wing
- On lower bicupsids, where torques differ, the 2nd bicupsids have dimples on both gingival tie wings
- The lower cuspids and bicuspids also feature a scribe line on the occlusal tie wings

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**MINI DIAMOND VERTICAL SLOT (.018 x .018)**

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<td>350-6536/Universal 351-6536/Universal</td>
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</table>

<table>
<thead>
<tr>
<th><strong>MANDIBULAR</strong></th>
<th></th>
<th></th>
<th></th>
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<th></th>
<th></th>
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<tbody>
<tr>
<td>Anterior</td>
<td>-1</td>
<td>0</td>
<td>Vertical Slot, semi-wedge</td>
<td>2.3</td>
<td>1.3</td>
<td>350-6025/Universal 351-6025/Universal</td>
</tr>
<tr>
<td>Cuspid</td>
<td>-7</td>
<td>+6</td>
<td>Vertical Slot</td>
<td>3.2</td>
<td>0.6</td>
<td>350-6433 350-6432 351-6433 351-6432</td>
</tr>
<tr>
<td>Cuspid - hook</td>
<td>-7</td>
<td>+6</td>
<td>Vertical Slot</td>
<td>3.2</td>
<td>0.6</td>
<td>350-7433 350-7432 351-7433 351-7432</td>
</tr>
<tr>
<td>1st Bicuspid</td>
<td>-11</td>
<td>0</td>
<td>Vertical Slot</td>
<td>3.2</td>
<td>0.6</td>
<td>350-6615/Universal 351-6615/Universal</td>
</tr>
<tr>
<td>1st Bicuspid</td>
<td>-11</td>
<td>0</td>
<td>Vertical Slot, G/O</td>
<td>3.2</td>
<td>0.6</td>
<td>350-6635/Universal 351-6635/Universal</td>
</tr>
<tr>
<td>2nd Bicuspid</td>
<td>-17</td>
<td>0</td>
<td>Vertical Slot</td>
<td>3.2</td>
<td>0.6</td>
<td>350-6725/Universal 351-6725/Universal</td>
</tr>
<tr>
<td>2nd Bicuspid</td>
<td>-17</td>
<td>0</td>
<td>Vertical Slot, G/O</td>
<td>3.2</td>
<td>0.6</td>
<td>350-6745/Universal 351-6745/Universal</td>
</tr>
</tbody>
</table>

All hooks are disto-gingival unless otherwise noted.
The Mini-Twin brings a rhomboid design to a Straight-Wire™ appliance system. The Mini-Twin is designed to give you the control you demand in an appliance that is more aesthetic and comfortable for your patients.

- Mini-Twin appliances feature 80 guage mesh pads on both upper and lower bicusps.
- The vertical scribe line aligns with the crown-long axis, simplifying bracket placement. As is the case with all Straight-Wire appliances, the archwire slot of Mini-Twin appliances is engineered to align with the horizontal axis of the tooth.
- Mini-Twins are available in Andrews and Roth* prescriptions, and are fully interchangeable with any other Straight-Wire appliance system. Options include hooks/no hooks, gingival offsets on bicusps, super torque on upper anteriors and surgical sets.

### MINI-TWIN MARKING SYSTEM

![Bracket ID illustration represents the Andrews prescription.](image)

The color ID is on the disto-gingival tie wing, so that bracket identification is easy. For added accuracy, the upper brackets have a cast dot ID and all brackets have cast letters in the saddle of the bracket identifying the tooth position.

<table>
<thead>
<tr>
<th>Upper</th>
<th>Central</th>
<th>Lateral</th>
<th>Cuspid</th>
<th>1st Bicuspid</th>
<th>2nd Bicuspid</th>
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<tbody>
<tr>
<td>Andrews</td>
<td>Dark Blue</td>
<td>Pink</td>
<td>Green</td>
<td>Purple</td>
<td>Purple</td>
</tr>
<tr>
<td>Surgical Set</td>
<td>D/G dot, “S”</td>
<td></td>
<td></td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Lower</th>
<th>Yellow</th>
<th>Yellow</th>
<th>Light Blue</th>
<th>White</th>
<th>Red</th>
</tr>
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</table>

All hooks are disto-gingival unless otherwise noted.

* Does not imply endorsement.
### MINI-TWIN (Available in Quad packaging, 10 ea.)

<table>
<thead>
<tr>
<th>Tooth</th>
<th>Torque Angle</th>
<th>Rotation</th>
<th>Bracket Type</th>
<th>Part Numbers</th>
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<tbody>
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<td></td>
<td></td>
<td></td>
<td>.018 L</td>
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<tr>
<td>Central</td>
<td>+17°</td>
<td>+5°</td>
<td>0°</td>
<td>Twin</td>
</tr>
<tr>
<td>Central</td>
<td>+12°</td>
<td>+5°</td>
<td>0°</td>
<td>Twin</td>
</tr>
<tr>
<td>Central</td>
<td>+7°</td>
<td>+5°</td>
<td>0°</td>
<td>Twin</td>
</tr>
<tr>
<td>Lateral</td>
<td>+3°</td>
<td>+9°</td>
<td>0°</td>
<td>Twin</td>
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<tr>
<td>Lateral</td>
<td>+8°</td>
<td>+9°</td>
<td>0°</td>
<td>Twin</td>
</tr>
<tr>
<td>Lateral</td>
<td>+10°</td>
<td>+9°</td>
<td>0°</td>
<td>Twin</td>
</tr>
<tr>
<td>Lateral – hook</td>
<td>+3°</td>
<td>+9°</td>
<td>0°</td>
<td>Twin</td>
</tr>
<tr>
<td>Cuspid</td>
<td>-7°</td>
<td>+11°</td>
<td>0°</td>
<td>Twin</td>
</tr>
<tr>
<td>Cuspid</td>
<td>-2°</td>
<td>+9°</td>
<td>4°</td>
<td>Twin</td>
</tr>
<tr>
<td>Cuspid</td>
<td>-2°</td>
<td>+13°</td>
<td>4°</td>
<td>Twin</td>
</tr>
<tr>
<td>Cuspid – hook</td>
<td>-7°</td>
<td>+11°</td>
<td>0°</td>
<td>Twin</td>
</tr>
<tr>
<td>Cuspid – hook</td>
<td>-2°</td>
<td>+9°</td>
<td>4°</td>
<td>Twin</td>
</tr>
<tr>
<td>Cuspid – hook</td>
<td>-2°</td>
<td>0°</td>
<td>4°</td>
<td>Twin</td>
</tr>
<tr>
<td>Cuspid – hook</td>
<td>-2°</td>
<td>+13°</td>
<td>4°</td>
<td>Twin, long radius</td>
</tr>
<tr>
<td>Cuspid – hook</td>
<td>-2°</td>
<td>+13°</td>
<td>4°</td>
<td>Twin</td>
</tr>
<tr>
<td>Cuspid – hook</td>
<td>0°</td>
<td>+6°</td>
<td>0°</td>
<td>Twin</td>
</tr>
<tr>
<td>Cuspid – hook</td>
<td>+3°</td>
<td>+9°</td>
<td>4°</td>
<td>Twin</td>
</tr>
<tr>
<td>Bicuspid</td>
<td>-7°</td>
<td>0°</td>
<td>2°</td>
<td>Twin</td>
</tr>
<tr>
<td>Bicuspid</td>
<td>-7°</td>
<td>0°</td>
<td>0°</td>
<td>Twin</td>
</tr>
<tr>
<td>Bicuspid</td>
<td>-7°</td>
<td>0°</td>
<td>0°</td>
<td>Twin, G/O</td>
</tr>
<tr>
<td>Bicuspid</td>
<td>-7°</td>
<td>0°</td>
<td>2°</td>
<td>Twin, G/O</td>
</tr>
<tr>
<td>Bicuspid – hook</td>
<td>-7°</td>
<td>0°</td>
<td>2°</td>
<td>Twin</td>
</tr>
<tr>
<td>Bicuspid – hook</td>
<td>-7°</td>
<td>0°</td>
<td>0°</td>
<td>Twin</td>
</tr>
<tr>
<td>Bicuspid – hook</td>
<td>-7°</td>
<td>0°</td>
<td>0°</td>
<td>Twin, G/O</td>
</tr>
<tr>
<td>Bicuspid – hook</td>
<td>-7°</td>
<td>0°</td>
<td>2°</td>
<td>Twin, G/O</td>
</tr>
<tr>
<td>Bicuspid – hook</td>
<td>-7°</td>
<td>0°</td>
<td>2°</td>
<td>Twin, M/G hook</td>
</tr>
<tr>
<td>Bicuspid – hook</td>
<td>-7°</td>
<td>0°</td>
<td>0°</td>
<td>Twin, M/G hook</td>
</tr>
</tbody>
</table>

| **MANDIBULAR** | | | | .018 L | .018 R | .022 L | .022 R |
| Anterior | -1° | 0° | 0° | Twin | 328-0021 | 328-0020 | 329-0021 | 329-0020 |
| Anterior – hook | -1° | 0° | 0° | Twin | 328-1021 | 328-1020 |
| Cuspid | -11° | +5° | 0° | Twin | 328-0421 | 328-0420 | 329-0421 | 329-0420 |
| Cuspid | -11° | +7° | 2° | Twin | 329-0411 | 329-0410 | 329-0411 | 329-0410 |

All hooks are disto-gingival unless otherwise noted.

continued on next page
### MINI-TWIN (cont’d)

<table>
<thead>
<tr>
<th>Tooth</th>
<th>Torque</th>
<th>Angle</th>
<th>Rotation</th>
<th>Bracket Type</th>
<th>Part Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>MANDIBULAR</td>
<td></td>
<td></td>
<td></td>
<td>.018 L</td>
<td>.018 R</td>
</tr>
<tr>
<td>Cuspid – hook</td>
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<td>+7°</td>
<td>2°</td>
<td>Twin</td>
<td>328-1411</td>
</tr>
<tr>
<td>Cuspid – hook</td>
<td>0°</td>
<td>+5°</td>
<td>0°</td>
<td>Twin</td>
<td>328-1431</td>
</tr>
<tr>
<td>1st Bicuspid</td>
<td>17°</td>
<td>0°</td>
<td>4°</td>
<td>Twin</td>
<td>428-0611</td>
</tr>
<tr>
<td>1st Bicuspid</td>
<td>17°</td>
<td>0°</td>
<td>0°</td>
<td>Twin</td>
<td>428-0621</td>
</tr>
<tr>
<td>1st Bicuspid</td>
<td>17°</td>
<td>0°</td>
<td>0°</td>
<td>Twin, G/O</td>
<td>428-0671</td>
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<tr>
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<td>0°</td>
<td>4°</td>
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<td>429-0673</td>
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<td>17°</td>
<td>0°</td>
<td>4°</td>
<td>Twin, G/O</td>
<td>429-1671</td>
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<td>0°</td>
<td>0°</td>
<td>Twin</td>
<td>429-1672</td>
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<td>4°</td>
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<td>429-1771</td>
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<td>0°</td>
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<td>429-1772</td>
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<td>4°</td>
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<td>0°</td>
<td>Twin</td>
<td>428-0721</td>
</tr>
<tr>
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<td>0°</td>
<td>4°</td>
<td>Twin, G/O</td>
<td>428-0771</td>
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<tr>
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<td>-22°</td>
<td>0°</td>
<td>0°</td>
<td>Twin, G/O</td>
<td>428-0773</td>
</tr>
<tr>
<td>2nd Bicuspid – hook</td>
<td>-22°</td>
<td>0°</td>
<td>4°</td>
<td>Twin</td>
<td>428-1711</td>
</tr>
<tr>
<td>2nd Bicuspid – hook</td>
<td>-22°</td>
<td>0°</td>
<td>0°</td>
<td>Twin</td>
<td>428-1721</td>
</tr>
<tr>
<td>2nd Bicuspid – hook</td>
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<td>0°</td>
<td>0°</td>
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<tr>
<td>2nd Bicuspid – hook</td>
<td>-22°</td>
<td>0°</td>
<td>4°</td>
<td>Twin, G/O</td>
<td>429-1773</td>
</tr>
</tbody>
</table>

All hooks are disto-gingival unless otherwise noted.
MINI-TWIN VS™

The color ID is on the disto-gingival tie wing, so that bracket identification is easy. For added accuracy the upper brackets have a cast dot ID. The vertical slot is an .018 x .018 dimension.

### MINI-TWIN VERTICAL SLOT MARKING SYSTEM

<table>
<thead>
<tr>
<th></th>
<th>central</th>
<th>lateral</th>
<th>cuspid</th>
<th>1st bicuspid</th>
<th>2nd bicuspid</th>
</tr>
</thead>
<tbody>
<tr>
<td>UPPER*</td>
<td>Blue</td>
<td>Pink</td>
<td>Green</td>
<td>Purple</td>
<td>Purple</td>
</tr>
<tr>
<td>Roth*</td>
<td>D/G dot</td>
<td>D/G dot</td>
<td>D/G dot</td>
<td>D/G dot</td>
<td>D/G dot</td>
</tr>
<tr>
<td>Bi-dimensional</td>
<td>D/G dot</td>
<td>D/G dot</td>
<td>D/G dot, M/G</td>
<td>D/G dot, M/O</td>
<td>D/G dot, D/O</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>central</th>
<th>lateral</th>
<th>cuspid</th>
<th>1st bicuspid</th>
<th>2nd bicuspid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper*</td>
<td>Yellow</td>
<td>Yellow</td>
<td>Light Blue</td>
<td>White</td>
<td>Red</td>
</tr>
<tr>
<td>Roth*</td>
<td>D/G dash</td>
<td>D/G dash</td>
<td>D/G dash, M/G</td>
<td>D/G dash, D/M</td>
<td>D/G dash, D/O</td>
</tr>
<tr>
<td>Bi-dimensional</td>
<td>D/G dash</td>
<td>D/G dash</td>
<td>D/G dash, M/G</td>
<td>D/G dash, D/M</td>
<td>D/G dash, D/O</td>
</tr>
</tbody>
</table>

All hooks are disto-gingival unless otherwise noted. * Does not imply endorsement.

### MINI-TWIN VERTICAL SLOT

<table>
<thead>
<tr>
<th>tooth</th>
<th>torque</th>
<th>angle</th>
<th>rot.</th>
<th>bracket type</th>
<th>part numbers</th>
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<tr>
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<td></td>
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<tr>
<td>Central</td>
<td>+12°</td>
<td>+5°</td>
<td>0°</td>
<td>Twin</td>
<td>318-0111</td>
</tr>
<tr>
<td>Lateral</td>
<td>+8°</td>
<td>+9°</td>
<td>0°</td>
<td>Twin</td>
<td>318-0211</td>
</tr>
<tr>
<td>Cuspid</td>
<td>-2°</td>
<td>+13°</td>
<td>4°</td>
<td>Twin</td>
<td>318-1311</td>
</tr>
<tr>
<td>Cuspid – hook</td>
<td>-2°</td>
<td>+13°</td>
<td>4°</td>
<td>Twin, large radius</td>
<td>318-1351</td>
</tr>
<tr>
<td>Cuspid – hook</td>
<td>-7°</td>
<td>0°</td>
<td>2°</td>
<td>Twin</td>
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<tr>
<td>Bicuspid</td>
<td>-7°</td>
<td>0°</td>
<td>2°</td>
<td>Twin</td>
<td>492-1511</td>
</tr>
</tbody>
</table>

|            |       |       |      |              |              |
| MANDIBULAR  |        |       |      |              |              |
| Anterior    | -1°   | +2°   | 0°   | Twin         | 318-0021     |
| Cuspid      | -11°  | +7°   | 2°   | Twin         | 492-0611     |
| Cuspid – hook | -11° | +7°   | 2°   | Twin         | 493-0611     |
| 1st Bicuspid| -17°  | -1°   | 4°   | Twin         | 493-1611     |
| 1st Bicuspid – hook | -17° | -1° | 4° | Twin | 493-1711 |
| 2nd Bicuspid| -22°  | -1°   | 4°   | Twin         | 492-1711     |
| 2nd Bicuspid – hook | -22° | -1° | 4° | Twin | 492-1711 |

All hooks are disto-gingival unless otherwise noted.
STRAIGHT-WIRE SYNTHESIS

TRADITIONAL STRAIGHT-WIRE FEATURES

Compound Contour – Each Synthesis bracket is designed with tooth-specific contours in the base. These contours mirror the anatomy of the middle third of each tooth for ease of placement and optimal fit.

Torque-in-Base – With the Synthesis appliance, the center of the slot and the center of the base are always on the same plane. Torque-in-base is designed for consistent placement and makes level slot lineup possible.

Level Slot Lineup for Less Wire Bending – With the Synthesis appliance, the slot of the bracket is parallel to the occlusal plane of the arch, helping to eliminate time-consuming wire bends.

PROVEN ENHANCEMENTS

Rhomboid Design – The rhomboid bracket and pad design, incorporated throughout the Synthesis System, provides numerous references for easier bracket placement. The horizontal aspects align parallel to the occlusal plane and the vertical aspects align parallel to the crown-long axis of each tooth. These visual cues aid in bracket placement.

Functionality with Aesthetics – Synthesis is engineered to combine the rotational control of the Straight-Wire™ appliance with the aesthetics of the Mini-Twin in applicable brackets.

STRAIGHT-WIRE SYNTHESIS MARKING SYSTEM

For your convenience and ease-of-use, we have maintained the traditional Straight-Wire color identification on the disto-gingival tie wing and the letter marking on the bracket.

<table>
<thead>
<tr>
<th>UPPERM</th>
<th>central</th>
<th>lateral</th>
<th>cuspid</th>
<th>1st bicuspid</th>
<th>2nd bicuspid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roth*</td>
<td>Blue</td>
<td>Pink</td>
<td>Green</td>
<td>Purple</td>
<td>Purple</td>
</tr>
<tr>
<td>LOWER*</td>
<td>Yellow</td>
<td>Yellow</td>
<td>Light Blue</td>
<td>White</td>
<td>Red</td>
</tr>
</tbody>
</table>

* Does not imply endorsement.
### STRAIGHT-WIRE™ SYNTHESIS

<table>
<thead>
<tr>
<th>Tooth</th>
<th>Incl.</th>
<th>Angle</th>
<th>Rot.</th>
<th>Bracket Type</th>
<th>Part Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maxillary</strong></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Central</td>
<td>+7°</td>
<td>+5°</td>
<td>0°</td>
<td>Twin</td>
<td>338-0121 338-0120 339-0121 339-0120</td>
</tr>
<tr>
<td>Central</td>
<td>+12°</td>
<td>+5°</td>
<td>0°</td>
<td>Twin</td>
<td>338-0111 338-0110 339-0111 339-0110</td>
</tr>
<tr>
<td>Central</td>
<td>+17°</td>
<td>+5°</td>
<td>0°</td>
<td>Twin</td>
<td>338-0141 338-0140 339-0141 339-0140</td>
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<td>Lateral</td>
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<td>+9°</td>
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<td>Twin</td>
<td>338-0221 338-0220 339-0221 339-0220</td>
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<td>0°</td>
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<td>338-0211 338-0210 339-0211 339-0210</td>
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<td>Lateral</td>
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<td>0°</td>
<td>Twin</td>
<td>338-0241 338-0240 339-0241 339-0240</td>
</tr>
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<td>+9°</td>
<td>+4°</td>
<td>Twin</td>
<td>338-1341 338-1340 339-1341 339-1340</td>
</tr>
<tr>
<td>Cuspid - hook</td>
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All hooks are disto-gingival unless otherwise noted.
See your Ormco representative about bondable molar tube options.

continued on next page
### COMPLEMENTARY PRODUCTS

See various sections of this catalog for the following products that complement Synthesis brackets.

- Standard High-Retention Bands
- Direct Bond and Weldable Buccal Tubes
- Archwires in the Tru-Arch Arch Form (Stainless Steel, Align SE 200 and Copper Ni-Ti)

#### STRAIGHT-WIRE™ SYNTHESIS (cont’d)

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All hooks are disto-gingival unless otherwise noted.
### MINI-WICK MARKING SYSTEM

- Open dimple (*) = Maxillary
- Red dimple (•) = Mandibular
- In order to provide left/right identification, all left Mini-Wick cuspids have a Black (maxillary) or a Red (mandibular) mark on the distal rotation wing (only left assemblies feature a distal mark)
- Mini-Wick lower 2nd bicuspid have Red dimples on both gingival and occlusal tie wings
- The angulated lower laterals have an arrowhead on the gingival tie wing that points to distal
- The lower cuspids and bicuspid also feature a scribe line on the occlusal tie wings

### MINI-WICK

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<tr>
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<th>Torque</th>
<th>Angle</th>
<th>Bracket Type</th>
<th>Part Numbers</th>
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| **MANDIBULAR** | | | | .018 L | .018 R | .022 L | .022 R |
| Anterior | -1° | 0° | Curved wing, semi-wedge | 350-3046/Universal | 351-3045/Universal |
| Anterior – hook | -1° | 0° | Curved wing, semi-wedge | 350-4045/Universal |
| Anterior | -5° | 0° | Curved wing, semi-wedge | 350-3055/Universal | 351-3055/Universal |
| Anterior | -5° | 0° | Curved wing, semi-wedge | 350-3025/Universal | 351-3025/Universal |
| Anterior – hook | -5° | 0° | Curved wing, semi-wedge | 350-4025/Universal | 351-4025/Universal |

All hooks are disto-gingival unless otherwise noted.
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All hooks are disto-gingival unless otherwise noted.
ALEXANDER SIGNATURE LINE MARKING SYSTEM

All brackets are color coded by quadrant

- Upper right – Blue
- Lower right – Red
- Upper Left – Black
- Lower Left – Yellow

ALEXANDER SIGNATURE LINE

**MAXILLARY**

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**MANDIBULAR**

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Dr. Alexander recommends -6° angulation for buccal tube placement on bands. All hooks are disto-gingival unless otherwise noted.
## Prescriprion Analyzer

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*Note: Super Torque applies to only maxillary centrals, laterals and cuspids. **4.5° Compensation in slot. ***3° Compensation in slot. †4° Rotation in slot. †† 2° Rotation in slot.
*Does not imply endorsement.

### Mandibular Arch

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*4.5° Compensation in slot. **6° Compensation in slot. †4° Rotation in slot. †† 2° Rotation in slot.
*Does not imply endorsement.
2
Digital Systems

Insignia  p. 54
INSGNIA™

THE ALL-INCLUSIVE DIGITAL ORTHODONTIC PLATFORM FOR CUSTOM TREATMENT PLANNING

Insignia is an integrated system of 3-D digital orthodontics with customizable appliances for an all-inclusive single patient solution. Insignia allows you to combine your treatment strategy with the precision of computer-aided smile design to give every patient an optimal occlusion and smile arc specifically proportioned to their unique facial features.

- Patient-specific bracket prescriptions built with the end-result in mind
- Customizable archwires with fully coordinated arch forms
- 3D printed placement jigs provide a direct view into indirect bonding
- Approver software puts control and precision in your hands

A culmination of decades of research and innovation, Insignia uses advanced algorithms in combination with unique dental anatomy to create a 3-D virtual model of the patient’s anatomy. With Insignia, you have complete control of each case.

- User friendly software to treatment plan and visualize the end result
- Time-consuming procedures (bracket bonding) may be administered by staff members allowing you to focus on diagnostics and treatment planning
- No start-up software, licensing or inventory costs
- View final smile design prior to treatment – a powerful consultation tool

BRACKETS
- Self-Ligating Metal
- Self-Ligating Ceramic

 WIRES
- CuNi-Ti
- Ni-Ti
- Stainless Steel
- TMA

BUCCAL TUBES
- Custom TIB Buccal Tube
- SnapLink
- Accent Mini

PLACEMENT JIGS
- 3D printed for each patient
**INSIGNIA APPROVER**

Insignia puts the power of virtual treatment planning in your hands for increased flexibility and control. A 3D representation of your patient’s malocclusion and setup allows you to manipulate and parse the entire dentition as well as tease out nuances for positioning individual teeth. The result? Smile aesthetics and functional occlusions that can improve the quality of your finishes.

**SEE MORE. KNOW MORE. PLAN BETTER.**

Easy manipulation of the dentition and occlusion takes much of the guesswork out of treatment planning.

**ACHIEVE COMPLETE 3D CONTROL**

Dramatically* improved software flattens the learning curve and makes fine-tuning the final occlusion easier.

*Data on file

**DIAL-IN AESTHETICS**

Simple tools let you evaluate and design the smile arc, evaluate marginal ridges, interdigitation and contact points and more!

**PRE-TREATMENT**

**POST-TREATMENT**

Treatment Time - 10.5 months, 7 appointments*

*Case treated by Dr. Jeff Kozlowski

**INSIGNIA AUXILIARY PRODUCTS**

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<th>242-0050</th>
<th>Insignia SL 180˚ Bent Hook, 30 per pack</th>
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<td>Insignia SL 90˚ Bent Hook, 30 per pack</td>
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To incorporate Insignia Advanced Smile Design into your office, contact your Ormco Sales Representative
AOA Lab

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<tr>
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<td>Digital Services</td>
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<td>Retainers</td>
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AOA LAB

AOA, a trusted source for customized orthodontic appliances. We are a full-service, digital orthodontic laboratory that fabricates customized appliances for dental professionals worldwide. With a rich 35+ history, we are known for our creative appliance designs, world-class customer service and extensive orthodontic knowledge. Our goal is to continue to combine innovation, technology and customer preferences to provide clinicians with the latest appliances.

FEATURED APPLIANCES

<table>
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<th>Aligners</th>
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<td>Hawley Retainers</td>
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<td>Temporary Anchorage Devices</td>
<td>Digital Models</td>
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AOA is investing in the future of technology to innovate, educate, and partner with you.

Call us today at 800.262.5221, or visit us online at aoalab.com to learn more on how we can help your practice.

INDIRECT BONDING

Adding indirect bonding to your routine makes the best use of technological advances in today’s bracket and archwire systems. AOA’s indirect bonding service is designed to provide a more accurate placement and transfer of brackets en masse to the patient’s teeth using a variety of bracket systems and adhesives along with moisture tolerant sealants. AOA offers labial, lingual, STb Social 6, Straight-Wire and full indirect bonding services.

POSITIONER

The positioner has long been found to be beneficial in finishing orthodontic treatment. Combining modern materials and fabrication techniques with the experience of AOA’s technical staff has advanced the positioner to a multipurpose appliance. All of our positioners and mouthguards are custom trimmed. Their height and thickness can be tailored to produce the perfect blend of patient comfort and appliance efficacy.
DIGITAL SERVICES

There is a wide variety of rapid prototyping methods available for printing digital models that range in cost and varying degrees of accuracy. Due to our commitment to quality and craftsmanship, our preferred method is Stereo Lithography, commonly known as SLA, and is highly regarded as the premier method of rapid prototyping. AOA went one step further to incorporate a sophisticated print material developed specifically to produce digital-dental models with better accuracy and high-end resolution.

AOA has worked with our supplier to develop a separating compound that does not interact with the product. It doesn’t stick, or leave any residue on the model. This new separating agent allows for us to build your appliance directly on the digital printed models while producing a more accurate product.

• AOA continues to add more SLA printers to keep up with our growing demand
• Taking digital scans replaces PVS and alginate impressions
• Submitting them digitally can help you DECREASE CHAIR TIME and may INCREASE ACCURACY and EFFICIENCIES
• AOA can receive scans from Lythos, iTero or any other “open” scanner to make digital case submission very easy from any method you choose

AOA REWARDS

AOA offers a rewards program based on your quarterly sales volume. A credit memo is issued at the conclusion of each quarter.

Contact your AOA rep for more details and to see where you qualify.

For additional information, please contact our customer care at 800.262.5221, or visit us online at aoalab.com
CLASS II

AOA has a large selection of designs and mechanisms. Choose the appliance that works best for you and your practice. We have design options to address the following needs:

• Aesthetics  
• Patient Comfort  
• Durability  
• Functionality  
• Predictability

AOA has over twenty-five years of Herbst™ fabrication experience, and helped introduce the MARA to the Orthodontic market producing over 25,000 Class II appliances annually. You can count on AOA to have the right solution for your Class II cases.

MARA™

For over 20 years the MARA has been providing clinicians the option to provide a simple, compact appliance for their CL II treatment. This small design can accommodate a full bracket set up, 5-5, which provides the doctor the ability to combine fixed bracket mechanics with their CL II treatment. The 3.0 version offers a sleek forged lower arm design that provides a smaller profile than previous generations.

- Over 10,000 appliances produced annually
- Mixed or permanent dentition designs
- Available in chairside kit or custom fabricated

ADVANSYNC™ 2

AdvanSync 2 offers a compact solution that provides the ability to bracket 5-5 while simultaneously correcting CL II malocclusions. This combination has the potential to increase treatment efficiencies by reducing overall treatment time. Its size also provides a benefit to both patient comfort as well as being more aesthetic than other Class II appliance options.

- Class II correction in Class I time
- Engineered for efficient correction
- Available as a custom appliance or chairside kit

Herbst is a registered trademark of Dentaurum Inc.,
YOUR PATIENTS DESERVE TO KEEP THEIR SMILE!

Prevent relapse and maintain a beautiful smile with Prezurv invisible retainers. Due to extended wear, retainers fatigue and begin to lose their shape. The Prezurv system provides multiple sets of retainers to assure teeth stay in their optimal position. Patients worry less about lost, broken or discolored retainers. Efficient and cost effective system to help maintain long term smile protection.

ALIGNERS

3 DIFFERENT NEEDS, 3 DIFFERENT SYSTEMS, THE CHOICE IS YOURS!

We offer 3 - 20 tray options depending on case requirements. All three systems have special single arch pricing for added value.

Two complimentary refinement appliances per arch if your case falls short of desired outcome.

Design & control set-up movements with Approver software for Clearguide and use morphing technology to show patients their projected outcome.

For additional information, please contact our customer care at 800.262.5221, or visit us online at aoalab.com
4 Buccal Tubes

SnapLink Buccal Tubes  p. 64  Peerless Cast Buccal Tubes  p. 71
Titanium Tubes  p. 66  Gingivally Offset Tubes  p. 76
Accent Buccal Tubes  p. 68  Micro Tubes  p. 77
SNAPLINK™
BUCCAL TUBES

Whether you treat with conventional twins or self-ligating brackets, the SnapLink re-convertible tube offers tie-less convenience and low friction, which makes wire changes and posterior tooth movement a snap.

CONVERT AND RE-CONVERT FOR MORE EFFECTIVE TREATMENT

- Dual functionality allows you to convert the tube to easily engage second molars with either round or rectangular archwires, or place auxiliaries while maintaining your patient’s natural wire sequence; convert and reclose as often as needed.

RECIROCAL FORCES

- Innovative SpinTek slide employs reciprocal forces during opening; a slight twist dispenses forces in opposite directions, resulting less pressure for the patient.
- Low profile with rounded corners and angled hook minimize occlusal interference.

IMPROVED SLIDING MECHANICS AND GAIN GREATER CONTROL

- Tie-less tube reduces friction for smoother sliding mechanics.
- Four solid walls provide the control of a standard tube for predictable posterior tooth movement.

FASTER WIRE CHANGES

- Tie-less tube helps to eliminate tying and retying ligatures.
- Chamfered mesial slot opening enables easy wire engagement and removal even when the slide is closed.

INCREASE BOND RELIABILITY

- Contoured base with 80-gauge mesh pads help minimizes “rocking” for reliable bond retention.

EASY CONNECTION TO SECOND MOLARS

Convertible tubes require frequent tying of ligatures once the cap has been removed, which results in lengthy wire-change appointments, especially for cases involving impacted second molars.

The SnapLink re-convertible tube eliminates the need for constant tying, making it easy to connect to second molars – even when making wire bends – without downsizing to a smaller wire.
SNAPLINK TUBES (Available in Quad packaging, 10 ea.)

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INSTRUMENTS

| 866-4016 | SpinTek™ Slide Opening/Closing Instrument | 866-4014 | SpinTek Slide Opening Instrument |

Now Available with Insignia!
See Section 2
TITANIUM BUCCAL TUBES

Titanium buccal tubes combine the shock absorbency of titanium with the added benefit of being hypoallergenic since they are made without nickel.

Comparison with Ormco’s Accent and Peerless tubes shows a significant reduction in profile as well as an increase in bonding surface with Titanium buccal tubes.

**Pad Size** — The large pad size provides improved bond strength and a better fit to the tooth.

**Handling Notch** — A unique notch on the occlusal side makes holding the Titanium Buccal Tube a cinch and helps with initial placement on the tooth.

**In-Face Funneled Slot Opening** — A patented funneled slot opening makes archwire engagement easy.

**Teardrop Design** — Buccal tubes on the lower arch feature a teardrop design to keep them out of occlusion. There are also no tie wings to create food traps and inhibit patient comfort.

**Comfortable Hook Design** — The Ormco hook design tilts away from the gingiva to avoid impingement for patient comfort.

**Pad Size** — The I.D. dot is compatible with the legendary Orthos system.

**First Molar**

**Second Molar**

**Titanium**

**Accent™**

**Peerless™**
# TITANIUM BUCCAL TUBES

(Available in Quad packaging, 10 ea.)

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| First Molar | -22˚   | 0˚    | 0˚  | 448-1204 | 448-0204 | 449-1204 | 449-0204 |
| First Molar | -22˚   | 0˚    | 5˚  | 448-1206 | 448-0206 | 449-1206 | 449-0206 |
| First Molar | -28˚   | 2˚    | 2˚  | 449-1015 | 449-0015 |        |        |
| Second Molar| -10˚   | 0˚    | 5˚  | 448-2127 | 448-2027 | 449-2127 | 449-2027 |
| Second Molar| -22˚   | 0˚    | 5˚  | 448-1205 | 448-0205 | 449-1205 | 449-0205 |

All tubes are single, bondable and have integral mesio-gingival hooks. No distal extension available.

Titanium buccal tubes are color-coded by quadrant - Upper right: Blue, Upper left: Black, Lower right: Red, Lower left: Yellow.
ACCENT BUCCAL TUBES

The Accent buccal tube is designed to help eliminate occlusal tie wing interference and premature cap failure that can occur with convertible tubes. Accent is non-convertible, has no tie wings and features an accentuated mesial opening.

ACCENT TUBES

- All cast tubes have integral mesio-gingival hooks
- All auxiliary tubes have 0° torque and no distal offset
- No convertible caps or tie wings
- 3.88 mm mesio-distal measurement
## ACCENT TUBES (Available 10 ea.)

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<td>5°</td>
<td>515-0202</td>
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</table>

* Distal extension
**ACCENT MINI TUBES** *(Available 10 ea.)*

- Contoured low-profile design with convenient occlusal-gingival scaler notch for easy adhesive loading and bracket placement.
- Proprietary laser etched pad for optimal bond reliability.
- Funneled mesial slot opening for easy wire insertion.
- "T" hook and bendable "J" hook designed and angled for patient comfort and elastic retention.
- Distal extension on second molar tubes for lacing mechanics.

Accent Mini’s precision design provides optimal fit and reliable performance that is also low profile to help eliminate occlusal interferences. Smaller than standard Accent tubes, Accent Mini is constructed of stainless steel.

### ACCENT MINI TUBES *(Available 10 ea.)*

<table>
<thead>
<tr>
<th>Damon Rx</th>
<th>torque</th>
<th>angle</th>
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<tr>
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<td>-18</td>
<td>0</td>
<td>12</td>
<td>.018 L</td>
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<td>Second Molar</td>
<td>-27</td>
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<td>+6</td>
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<td>First Molar</td>
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<td>2</td>
<td>2</td>
<td>.018 L</td>
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<td>Second Molar</td>
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<td>+5</td>
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<table>
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<th>McLaughlin, Bennett, Trevisi* Rx</th>
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<tr>
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<td>0</td>
<td>10</td>
<td>340-1365</td>
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<tr>
<td>Second Molar</td>
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<td>0</td>
<td>10</td>
<td>340-1375</td>
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<td>0</td>
<td>5</td>
<td>340-1377</td>
</tr>
</tbody>
</table>

*Does not imply endorsement.
PEERLESS CAST BUCCAL TUBES

Ormco’s casting technology delivers strong, small precision tubes to reduce occlusal interference and gingival impingement.

Integrally cast hook stays on after conversion for convenient elastic use. No sharp edges, strong and malleable. Designed to minimize tissue impingement.

Flush-seated cap provides a smooth buccal surface. Lightly brazed so it won’t convert unintentionally, yet easily removable with Ormco’s simple cap tool.

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Flush-seated cap provides a smooth buccal surface. Lightly brazed so it won’t convert unintentionally, yet easily removable with Ormco’s simple cap tool.

Reduced weld flanges allow better attachment to band, preserving band anatomy for better fit and retention to tooth.

Unique occlusal shelf reduces interference.

Generous under-tie wing area for easy ligation. Anatomical tie wing improves cusp clearance.

Chamfered archwire entry for easy access.

Chamfered archwire entry for easy access.

Chamfered archwire entry for easy access.

Headgear extends distally by .020 to aid tie-back.

Flush-seated cap provides a smooth buccal surface. Lightly brazed so it won’t convert unintentionally, yet easily removable with Ormco’s simple cap tool.

Unique occlusal shelf reduces interference.

Generous under-tie wing area for easy ligation. Anatomical tie wing improves cusp clearance.

Chamfered archwire entry for easy access.

Chamfered archwire entry for easy access.

Chamfered archwire entry for easy access.

Flush-seated cap provides a smooth buccal surface. Lightly brazed so it won’t convert unintentionally, yet easily removable with Ormco’s simple cap tool.

Unique occlusal shelf reduces interference.

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Unique occlusal shelf reduces interference.

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Chamfered archwire entry for easy access.

Flush-seated cap provides a smooth buccal surface. Lightly brazed so it won’t convert unintentionally, yet easily removable with Ormco’s simple cap tool.

Unique occlusal shelf reduces interference.

Generous under-tie wing area for easy ligation. Anatomical tie wing improves cusp clearance.

Chamfered archwire entry for easy access.
### PEERLESS UPPER FIRST MOLAR

(Available 10 ea.)

<table>
<thead>
<tr>
<th>Type</th>
<th>Torque</th>
<th>DO</th>
<th>Headgear</th>
<th>Weldable Part Numbers</th>
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<td>.018 L</td>
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<tr>
<td>LOWER 2ND MOLAR</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td>0°</td>
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<td>.045</td>
<td>193-0402 194-0402</td>
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<tr>
<td>Triple</td>
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<td>15°</td>
<td>.045</td>
<td>173-0422 174-0422</td>
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<tr>
<td>Triple (Burstone)</td>
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<td>10°</td>
<td>.045</td>
<td>173-0424 174-0424</td>
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<tr>
<td>Triple (Cetlin)**</td>
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<td>.045</td>
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<tr>
<td>Triple</td>
<td>-10°</td>
<td>10°</td>
<td>.045</td>
<td>193-0406 194-0406</td>
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<td>0°</td>
<td>.045</td>
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<tr>
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<td>.045</td>
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<td>.051</td>
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<td>.051</td>
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<td>15°</td>
<td>.051</td>
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<td>.051</td>
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* Gingival headgear tube.
** .028 auxiliary tube.

### PEERLESS UPPER SECOND MOLAR

(Available 10 ea.)

<table>
<thead>
<tr>
<th>Type</th>
<th>Torque</th>
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<th>Weldable Part Numbers</th>
<th>Bondable Part Numbers</th>
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<tbody>
<tr>
<td></td>
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<td>.018 R</td>
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* Gingival headgear tube.
### PEERLESS UPPER SECOND MOLAR (cont’d)

<table>
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<th>Type</th>
<th>Torque</th>
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<th>Weldable Part Numbers</th>
<th>Bondable Part Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single*</td>
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<td>15°</td>
<td>.018 L, .018 R, .022 L, .022 R</td>
<td>.018 L, .018 R, .022 L, .022 R</td>
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<tr>
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<td>6°</td>
<td>.018 L, .018 R, .022 L, .022 R</td>
<td>.018 L, .018 R, .022 L, .022 R</td>
</tr>
<tr>
<td>Single</td>
<td>-10°</td>
<td>6°</td>
<td>.018 L, .018 R, .022 L, .022 R</td>
<td>.018 L, .018 R, .022 L, .022 R</td>
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</table>

* Distal extension

---

### PEERLESS LOWER FIRST MOLAR (Available 10 ea.)

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<th>Bondable Part Numbers</th>
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</thead>
<tbody>
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<td>.018 L, .018 R, .022 L, .022 R</td>
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<td>-10°</td>
<td>0°</td>
<td>.018 L, .018 R, .022 L, .022 R</td>
<td>.018 L, .018 R, .022 L, .022 R</td>
</tr>
<tr>
<td>Double</td>
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<td>5°</td>
<td>.018 L, .018 R, .022 L, .022 R</td>
<td>.018 L, .018 R, .022 L, .022 R</td>
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<tr>
<td>Double</td>
<td>-27°</td>
<td>12°</td>
<td>.018 L, .018 R, .022 L, .022 R</td>
<td>.018 L, .018 R, .022 L, .022 R</td>
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<tr>
<td>Double*</td>
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<td>.018 L, .018 R, .022 L, .022 R</td>
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<td>.018 L, .018 R, .022 L, .022 R</td>
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<td>.018 L, .018 R, .022 L, .022 R</td>
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<td>Lip Bumper (triple)</td>
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<td>.018 L, .018 R, .022 L, .022 R</td>
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<tr>
<td>Lip Bumper (triple)</td>
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<td>.018 L, .018 R, .022 L, .022 R</td>
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<tr>
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<td>.018 L, .018 R, .022 L, .022 R</td>
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* .022 auxiliary tube – .022 x .027; .018 auxiliary tube – .018 x .027.
† Indicates non-convertible.

continued on next page
PEERLESS LOWER FIRST MOLAR (cont’d)

<table>
<thead>
<tr>
<th>type</th>
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<th>.018 R</th>
<th>.022 L</th>
<th>.022 R</th>
<th>.018 L</th>
<th>.018 R</th>
<th>.022 L</th>
<th>.022 R</th>
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- Peerless M-D dimensions: Triples 3.5 mm, Doubles 3.4 mm, Singles 3.3 mm, M/P and Pix 2 mm
- All tubes have integral mesio-gingival hooks unless otherwise noted
- First molar tubes are convertible unless otherwise noted. Cap Tool #801-0094 makes conversion easy and improves safety
- All facebow and lip bumper tubes are .045 and occlusal unless otherwise noted
- All auxiliary, facebow and lip bumper tubes have 0° torque and 0° distal offset except as noted
- Regarding triple and double tubes: all .018 main slots have an .018 x .025 auxiliary; .022 main slots have an .021 x .025 auxiliary except as noted
## PEERLESS LOWER SECOND MOLAR

(Available 10 ea.)

<table>
<thead>
<tr>
<th>type</th>
<th>torque</th>
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<th>bondable part numbers</th>
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<tr>
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<td></td>
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<td>.018 R</td>
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<td>Single</td>
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</tbody>
</table>

* Distal extension

## PEERLESS BONDABLE MINI BUCCAL TUBES

M/P

Bondable M/P Terminal Tubes are small, (2 mm m-d dimension), Peerless tubes on curved bases adapted to fit on the mesio-buccal cusps of partially erupted molars.

Pix

Bondable Pix Tubes are small (2 mm m-d dimension) Peerless tubes on standard bases for upper or lower, right or left second molars., constructed of stainless steel.

### PEERLESS BONDABLE MINI BUCCAL TUBES

(Available 10 ea.)

<table>
<thead>
<tr>
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**PIX TUBES**

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<td>300-0099</td>
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BUCCAL TUBES
Our Gingivally Offset Bicuspid brackets offer a more desirable alternative to banding bicuspids, and bring you the same benefits in bonding first molars. Like our bicuspids, we have positioned the buccal tube at the most gingival edge of the first molar pad. This allows you to bond away from the problematic gingival third of the enamel without compromising bracket position. We have also significantly increased the mesio-distal dimension of the pad to provide a larger bonding area.

**GINGIVALLY OFFSET BUCCAL TUBES** (Available 10 ea.)

<table>
<thead>
<tr>
<th>type</th>
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<td>340-2110</td>
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<td>Peerless (Damon System)</td>
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**SL WELDABLE BUCCAL TUBES** (Available 10 ea.)

<table>
<thead>
<tr>
<th>MAXILLARY</th>
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<th>ang.</th>
<th>rot.</th>
<th>.022 L</th>
<th>.022 R</th>
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<tbody>
<tr>
<td>1st Molar – SL Buccal Tube - Weldable</td>
<td>-18°</td>
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<td>+12°</td>
<td>513-1243</td>
<td>513-1244</td>
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<th>rot.</th>
<th>.022 L</th>
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<tbody>
<tr>
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<td>+2°</td>
<td>513-1241</td>
<td>513-1242</td>
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</table>
MICRO TUBES

Built with the Straight-Wire™ method in mind, Micro Tubes offer you a full range of choices that can all be used interchangeably within the Straight-Wire system. Micro Tubes are smaller than traditional buccal tubes while still offering you control and reliability.

THE BENEFITS INCLUDE:

- Reduced occlusal interference, especially on the second molars
- Increased space between first and second molars due to the reduced size
- Improved hygiene due to the reduced size

**MICRO WELDABLES** (Available 10 ea.)

<table>
<thead>
<tr>
<th>type</th>
<th>torque</th>
<th>ø/ø</th>
<th>ang</th>
<th>headgear</th>
<th>part numbers</th>
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<tr>
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<td>0°</td>
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All Headgear is .045 unless indicated
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All Headgear is .045 unless indicated

### MICRO WELDABLES (Available 10 ea.)

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All Headgear is .045 unless indicated
### MICRO WELDABLES (cont’d)

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<th>.022 L</th>
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| LOWER 2ND MOLAR                     |        |     |     |                            |        |        |        |        |
| Single (MT)                         | -31°   | 0°  | +2° |                          | 137-0190 | 138-0190 | 137-0275 | 138-0275 |
| Single (RMT)                        | -30°   | 4°  | -1° |                          | 137-0200 | 138-0200 | 137-0285 | 138-0285 |
| Single Low Torque (MT -10)          | -10°   | 0°  | +2° |                          | 137-0198 | 138-0198 | 137-0289 | 138-0289 |
| Single (LBBT MT)                    | -27°   | 2°  | 0°  |                          |        |        | 137-0291 | 138-0291 |

*All Headgear is .045 unless indicated  †Indicated non-convertible

### MICRO BONDABLES (Available 10 ea.)

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<td>Gingival</td>
<td>438-0141</td>
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*All Headgear is .045 unless indicated

continued on next page
### MICRO BONDABLES (cont’d)

<table>
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<th>Torque</th>
<th>D/O</th>
<th>Angle</th>
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<td></td>
<td></td>
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<tr>
<td>Double Rectangular (UDBT NT MT) No HG Tube</td>
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<td>0°</td>
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**UPPER 2nd MOLAR**

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### MICRO BONDABLES (Available 10 ea.)

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**LOWER 2nd MOLAR**

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5 Bands

Precision Placement & Prewelding Services  p. 82
Ultima First Molars  p. 84
Standard High-Retention First & Second Molars  p. 85
Trimline First & Second Molars  p. 87

Washbon First & Second Molars  p. 89
Ormco Bicuspids  p. 91
UltiMAX Maximum-Retention Molars  p. 92
MOLAR BAND WELDING OPTIONS

PRECISION PLACEMENT
Ormco has refined placement of all buccal tubes, specific to each type of band and prescription.

THE BENEFITS TO YOU INCLUDE:
- Process controls and years of expertise are translated into excellence in design and production
- Precision placement takes into account all the variables: band size, buccal tube dimensions and prescription

PREWELDING SERVICES
Ormco bands can be prewelded in “standard weld position” or “custom weld position,” described and illustrated here.

STANDARD WELD POSITION
The adjacent drawings provide an overview of the various standard positions and illustrate the attachment welded at 0° angulation to the band (the bracket slot will be parallel to the occlusal edge of the band).

CUSTOM WELD POSITION
Custom assemblies are Ormco brackets and bands pre-welded in anything other than standard position. If you need a custom placement, indicate direction and amount of change from standard (e.g., 0.5 mm more occlusal). If specifying a custom angulation, indicate a plus (+) for distal root tip or a minus (-) for mesial root tip. If no position criterion is provided on the order, it will be welded in the standard position.

Custom items are not returnable.
LABIAL

Bracket to Bicuspid

Upper Bicuspid: Centered

Lower 1st Bicuspid: Centered

Lower 2nd Bicuspid Offset to Occlusal .010

Buccal Tube to Upper Molar

Upper Molar: Entrance to buccal tube will bisect the mesial/buccal cusp

Buccal Tube to Lower Molar

Lower Molar: Entrance to buccal tube will bisect the mesial/buccal cusp

LINGUAL ATTACHMENTS

Bicuspid

Button: Centered

Cleat: Centered

Molars

Button: Bisect the mesio-lingual cusp

Cleat: Centered
ULTIMA™
FIRST MOLARS

Ultima molar bands give you the best of everything: ease of fitting, ease of adaptation and security of retention.

- Manufacturing process creates a stiff yet adaptable material
- Proximal walls are straight for fast seating
- Mesio-buccal contour at the gingival aids retention
- Available in four larger sizes and offers closer graduations
- Proportioned in size and occluso-gingival dimension

BAND KIT DISTRIBUTION -
Each kit contains half rights and half lefts.

ULTIMA FIRST MOLAR KITS

| BAND SIZE | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | TOTAL BANDS |
|-----------|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| Trial     | 2 | 2 | 2 | 2 | 2 | 2  | 2  | 2  | 2  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 6  | 6  | 6  | 6  | 6  | 6  | 4  | 4  | 4  | 4  | 4  | 2  | 2  | 2  | 2  | 2  | 100 |
| Introductory | 2 | 2 | 2 | 2 | 2 | 2  | 2  | 2  | 4  | 4  | 4  | 4  | 6  | 6  | 6  | 8  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8  | 8  | 6  | 6  | 6  | 4  | 4  | 2  | 2  | 2  | 2  | 200 |
| Professional | 2 | 2 | 4 | 4 | 4 | 6  | 6  | 8  | 8  | 10 | 14 | 14 | 16 | 20 | 20 | 24 | 24 | 26 | 26 | 24 | 24 | 20 | 20 | 18 | 14 | 12 | 10 | 8  | 6  | 4  | 4  | 2  | 2  | 2  | 2  | 400 |
| Master     | 4 | 4 | 6 | 10 | 10 | 12 | 18 | 24 | 28 | 32 | 34 | 34 | 40 | 48 | 50 | 50 | 50 | 50 | 50 | 44 | 40 | 36 | 26 | 24 | 20 | 14 | 10 | 4  | 4  | 4  | 4  | 800 |
| Refill     | 6 | 8 | 8 | 10 | 10 | 10 | 8  | 8  | 8  | 8  | 10 | 10 | 8  | 8  | 8  | 8  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 100 |

Trial Kit Treats 25 patients, Introductory kit/50 patients, Professional kit/100 patients, Master kit/200 patients, Refill kit/25 patients.
STANDARD HIGH-RETENTION FIRST MOLARS

- Anatomically contoured with a buccal cusp indent groove and lingual cusp indent contour
- Ideal band/tooth adaptation and reduced occlusal interference
- Fits over the height of greatest contour while the lingual seats high, toward the gingiva
- Interior of bands are micro-etched to increase retention

**BAND KIT DISTRIBUTION**
Each kit contains half rights and half lefts.

### STANDARD FIRST MOLAR KITS

| BAND SIZE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | TOTAL BANDS |
|-----------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Trial     | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 100  |
| Introductory | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 6  | 6  | 6  | 6  | 8  | 10 | 10 | 10 | 12 | 12 | 12 | 12 | 10 | 10 | 10 | 8  | 8  | 6  | 6  | 6  | 4  | 4  | 2  | 2  | 2  | 2  | 200  |
| Professional | 2 | 2 | 4 | 4 | 6 | 6 | 8 | 8 | 10 | 14 | 14 | 16 | 20 | 20 | 20 | 24 | 26 | 26 | 26 | 26 | 24 | 24 | 24 | 20 | 18 | 14 | 12 | 10 | 8  | 6  | 6  | 4  | 2  | 2  | 2  | 2  | 400  |
| Master     | 4 | 4 | 6 | 6 | 10 | 10 | 12 | 12 | 18 | 24 | 28 | 32 | 34 | 40 | 44 | 48 | 50 | 50 | 50 | 44 | 40 | 36 | 26 | 24 | 14 | 10 | 4  | 4  | 4  | 4  | 800  |
| Refill     | 6 | 8 | 8 | 8 | 10 | 10 | 10 | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 100  |

Trial Kit Treats 25 patients, Introductory kit/50 patients, Professional kit/100 patients, Master kit/200 patients, Refill kit/25 patients.
## STANDARD HIGH-RETENTION SECOND MOLARS

- Anatomical occluso-gingival buccal design, including lingual/buccal cusp indentation, for proper band/tooth fit
- Band seats at the height of the contour, avoiding occlusal interference
- Contour helps prevent gingival impingement
- Interior of bands are micro-etched to increase retention

### BAND KIT DISTRIBUTION -
Each kit contains half rights and half lefts.

### STANDARD FIRST MOLAR KITS

| BAND SIZE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | TOTAL BANDS |
|-----------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Trial     | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 6  | 6  | 6  | 6  | 6  | 4  | 4  | 4  | 4  | 2  | 2  | 2  | 2  | 100  |
| Introductory | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 6 | 6 | 6 | 8 | 10 | 10 | 10 | 10 | 12 | 12 | 12 | 12 | 12 | 10 | 10 | 8 | 8 | 6 | 6 | 4 | 4 | 2 | 2 | 200  |
| Professional | 2 | 2 | 4 | 4 | 6 | 6 | 8 | 8 | 10 | 14 | 14 | 16 | 20 | 20 | 20 | 20 | 24 | 24 | 24 | 24 | 24 | 20 | 20 | 18 | 14 | 12 | 10 | 8 | 6 | 4 | 2 | 2 | 2 | 400  |
| Master     | 4 | 4 | 6 | 6 | 10 | 10 | 12 | 12 | 18 | 24 | 28 | 32 | 34 | 40 | 44 | 48 | 50 | 50 | 50 | 50 | 44 | 40 | 36 | 26 | 24 | 20 | 14 | 10 | 4 | 4 | 4 | 4 | 4 | 800  |
| Refill     |   |   |   |   |   | 6 | 8 | 8 | 10 | 10 | 10 | 10 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 100 |

Trial Kit Treats 25 patients, Introductory kit/50 patients, Professional kit/100 patients, Master kit/200 patients, Refill kit/25 patients.
TRIMLINE™ FIRST MOLARS

- Straight, reduced proximal walls for fast, easy seating
- Designed to fit securely below marginal ridges and to seat over height of contour
- Size gradation positions buccal and lingual cusp indent for precise fit
- Balanced stiffness and adaptability

BAND KIT DISTRIBUTION -
Each kit contains half rights and half lefts.

| BAND SIZE | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | TOTAL BANDS |
|-----------|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| Trial     | 2 | 2 | 2 | 2 | 2 | 2  | 2  | 2  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 100  |
| Introductory | 2 | 2 | 2 | 2 | 2 | 4  | 4  | 6  | 6  | 6  | 8  | 10 | 10 | 10 | 10 | 12 | 12 | 12 | 12 | 10 | 10 | 8  | 8  | 6  | 6  | 6  | 4  | 4  | 2  | 2  | 2  | 2  | 200  |
| Professional | 2 | 2 | 4 | 4 | 6 | 6  | 8  | 8  | 10 | 14 | 16 | 16 | 20 | 20 | 24 | 24 | 24 | 26 | 24 | 24 | 24 | 20 | 18 | 14 | 12 | 10 | 8  | 6  | 4  | 4  | 2  | 2  | 2  | 2  | 400  |
| Master     | 4 | 4 | 6 | 6 | 10 | 10 | 12 | 12 | 18 | 24 | 28 | 32 | 34 | 40 | 48 | 50 | 50 | 50 | 50 | 44 | 40 | 36 | 26 | 24 | 20 | 14 | 10 | 4  | 4  | 4  | 4  | 800  |
| Refill     | 6 | 8 | 8 | 8 | 10 | 10 | 10 | 10 | 8  | 8  | 8  | 8  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 100  |

Trial Kit Treats 25 patients, Introductory kit/50 patients, Professional kit/100 patients, Master kit/200 patients, Refill kit/25 patients.
TRIMLINE SECOND MOLARS

- Easy to seat
- Less contouring and more malleability
- Balanced stiffness and adaptability
- Designed to come to a positive stop at marginal ridges

BAND KIT DISTRIBUTION -
Each kit contains half rights and half lefts.

TRIMLINE SECOND MOLAR KITS

| UPPER SIZE | 97 | 98 | 99 | 00 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | TOTAL BANDS |
| LOWER SIZE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | |
| Trial      | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 4 | 4 | 4 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 100 |
| Introductory | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 6 | 6 | 6 | 6 | 8 | 10 | 10 | 10 | 10 | 12 | 12 | 12 | 10 | 10 | 8 | 8 | 6 | 6 | 6 | 4 | 4 | 2 | 2 | 2 | 2 | 200 |
| Professional | 2 | 2 | 4 | 4 | 6 | 6 | 8 | 8 | 10 | 10 | 14 | 14 | 16 | 20 | 20 | 24 | 24 | 26 | 26 | 24 | 24 | 20 | 18 | 14 | 12 | 10 | 8 | 6 | 4 | 2 | 2 | 2 | 400 |
| Master     | 4 | 4 | 6 | 6 | 10 | 10 | 12 | 12 | 18 | 24 | 28 | 32 | 34 | 40 | 44 | 48 | 50 | 50 | 50 | 50 | 44 | 40 | 36 | 26 | 24 | 20 | 14 | 10 | 4 | 4 | 4 | 4 | 800 |
| Refill     | 6 | 8 | 8 | 8 | 10 | 10 | 10 | 10 | 8 | 8 | 8 | 6 | 100 |

Trial Kit Treats 25 patients, Introductory kit/50 patients, Professional kit/100 patients, Master kit/200 patients, Refill kit/25 patients.
WASHBON™ FIRST MOLARS

For the ultimate in custom-fitting anatomy, shape and retention.

-Ormco’s most popular molar band
- Shaped to tooth anatomy for snug, secure fit and optimal retention
- Right and left anatomy is proportioned in all sizes
- Buccal surface has increased height for greater flexibility in positioning attachments

BAND KIT DISTRIBUTION -
Each kit contains half rights and half lefts.

| WASHBON FIRST MOLARS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | TOTAL BANDS |
|-----------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Trial                 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 100 |
| Introductory          | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 6 | 6 | 6 | 6 | 8 | 10 | 10 | 10 | 12 | 12 | 12 | 10 | 10 | 10 | 8 | 8 | 6 | 6 | 6 | 4 | 4 | 4 | 2 | 2 | 2 | 2 | 200 |
| Professional          | 2 | 2 | 4 | 4 | 6 | 6 | 8 | 8 | 10 | 14 | 14 | 16 | 20 | 20 | 24 | 24 | 26 | 24 | 24 | 20 | 20 | 18 | 14 | 12 | 10 | 8 | 6 | 4 | 2 | 2 | 2 | 2 | 400 |
| Master                | 4 | 4 | 6 | 6 | 10 | 10 | 12 | 18 | 24 | 28 | 32 | 34 | 40 | 44 | 48 | 50 | 50 | 50 | 50 | 44 | 40 | 36 | 26 | 24 | 20 | 14 | 10 | 4 | 4 | 4 | 4 | 4 | 800 |
| Refill                | 6 | 8 | 8 | 8 | 10 | 10 | 10 | 8 | 8 | 8 | 6 | 100 |

Trial Kit Treats 25 patients, Introductory kit/50 patients, Professional kit/100 patients, Master kit/200 patients, Refill kit/25 patients.
WASHBON SECOND MOLARS

For the ultimate in custom-fitting anatomy, shape and retention.

- Occlusal festoon at distal portion of upper 2nd molar band helps eliminate metal overhang and occlusal interface
- Right and left anatomy is proportioned in all dimensions for positive fit
- Material thickness is tapered from occlusal to gingival, permitting band to pass the contact points when driven

BAND KIT DISTRIBUTION -
Each kit contains half rights and half lefts.

| UPPER SIZE | 97 | 98 | 99 | 00 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | TOTAL BANDS |
|------------|----|----|----|----|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| LOWER SIZE |  |    |    |    | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | TOTAL BANDS |
| Trial      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 4  | 4  | 4  | 4  | 4  | 6  | 6  | 6  | 4  | 4  | 4  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 100 |
| Introductory | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 4  | 4  | 6  | 6  | 6  | 6  | 8  | 10 | 10 | 10 | 12 | 12 | 10 | 10 | 10 | 8  | 8  | 6  | 6  | 6  | 4  | 4  | 2  | 2  | 2  | 2  | 200 |
| Professional | 2  | 2  | 2  | 2  | 4  | 4  | 6  | 8  | 8  | 10 | 14 | 14 | 16 | 20 | 20 | 24 | 24 | 20 | 20 | 20 | 18 | 14 | 12 | 10 | 8  | 6  | 4  | 2  | 2  | 2  | 2  | 400 |
| Master     | 4  | 4  | 6  | 6  | 10 | 10 | 12 | 18 | 24 | 28 | 32 | 34 | 40 | 44 | 48 | 50 | 50 | 50 | 50 | 44 | 40 | 36 | 26 | 24 | 20 | 14 | 10 | 4  | 4  | 4  | 4  | 800 |
| Refill     | 6  | 8  | 8  | 8  | 8  | 8  | 8  | 10 | 10 | 10 | 10 | 8  | 8  | 8  | 8  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 100 |

Trial Kit Treats 25 patients, Introductory kit/50 patients, Professional kit/100 patients, Master kit/200 patients, Refill kit/25 patients.
ORMCO BICUSPIDS

BAND KIT DISTRIBUTION -
Each kit contains half rights and half lefts.

### UPPER BICUSPID UNIVERSAL KITS

| BAND SIZE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | TOTAL BANDS |
|-----------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Trial     | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 100  |
| Introductory | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 200  |
| Professional | 2 | 2 | 4 | 4 | 6 | 6 | 8 | 8 | 10 | 10  | 10  | 10  | 12  | 12  | 12  | 12  | 12  | 12  | 12  | 12  | 12  | 10  | 10  | 10  | 10  | 8   | 6   | 6   | 4   | 4   | 2   | 2   | 2   | 2   | 2   | 400  |
| Master     | 4 | 4 | 6 | 6 | 10 | 10 | 12 | 12 | 12 | 24  | 28  | 32  | 34  | 40  | 44  | 48  | 50  | 50  | 50  | 50  | 50  | 44  | 40  | 36  | 32  | 26  | 24  | 20  | 14  | 10  | 4   | 4   | 4   | 4   | 400  |
| Refill     | 6 | 8 | 8 | 8 | 10 | 10 | 10 | 8 | 8 | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 100  |

### LOWER FIRST BICUSPID KITS

| BAND SIZE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | TOTAL BANDS |
|-----------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Trial     | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 100  |
| Introductory | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 200  |
| Professional | 2 | 2 | 4 | 4 | 6 | 6 | 8 | 8 | 10 | 10  | 10  | 10  | 12  | 12  | 12  | 12  | 12  | 12  | 12  | 12  | 12  | 10  | 12  | 10  | 10  | 8   | 8   | 4   | 2   | 2   | 2   | 2   | 2   | 2   | 400  |
| Master     | 4 | 4 | 6 | 6 | 10 | 10 | 12 | 12 | 12 | 18  | 24  | 28  | 32  | 34  | 40  | 44  | 48  | 50  | 50  | 50  | 50  | 44  | 40  | 36  | 32  | 26  | 24  | 20  | 14  | 10  | 4   | 4   | 4   | 4   | 400  |
| Refill     | 6 | 8 | 8 | 8 | 10 | 10 | 10 | 8 | 8 | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 100  |

### LOWER SECOND BICUSPIDS KITS

| BAND SIZE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | TOTAL BANDS |
|-----------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Introductory | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 200  |
| Professional | 2 | 2 | 4 | 4 | 6 | 6 | 8 | 8 | 10 | 10  | 10  | 10  | 12  | 12  | 12  | 12  | 12  | 12  | 12  | 12  | 10  | 12  | 10  | 10  | 8   | 8   | 6   | 4   | 4   | 2   | 2   | 2   | 2   | 400  |
| Master     | 4 | 4 | 6 | 6 | 10 | 10 | 12 | 12 | 12 | 18  | 24  | 28  | 32  | 34  | 40  | 44  | 48  | 50  | 50  | 50  | 50  | 44  | 40  | 36  | 32  | 26  | 24  | 20  | 14  | 10  | 4   | 4   | 4   | 4   | 400  |
ULTIMAX
MAXIMUM-RETENTION
MOLARS

UltiMAX delivers the strength required for use with Class II appliances.

**BAND KIT DISTRIBUTION**
Each kit contains half rights and half lefts.

| **ULTIMAX MAXIMUM-RETENTION MOLAR KITS** | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | **TOTAL BANDS** |
|------------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------------------|
| **Trial**                                | 2  | 2  | 2  | 2  | 2  | 4  | 4  | 4  | 4  | 4  | 6  | 6  | 6  | 6  | 6  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 100              |
| **Introductory**                          | 2  | 2  | 2  | 2  | 2  | 4  | 6  | 8  | 10 | 10 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 10 | 10 | 8  | 6  | 4  | 4  | 200              |
| **Professional**                          | 4  | 4  | 4  | 4  | 4  | 8  | 12 | 16 | 20 | 20 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 20 | 20 | 16 | 12 | 8  | 8  | 4  | 4  | 400              |
| **Master**                                | 6  | 6  | 6  | 6  | 8  | 10 | 16 | 24 | 32 | 40 | 40 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 40 | 40 | 32 | 24 | 10 | 10 | 8  | 6  | 4  | 800              |
| **Refill**                                | 4  | 6  | 8  | 10 | 10 | 12 | 12 | 10 | 12 | 10 | 10 | 8  | 6  | 4  |    |    |    |    |    |    |    |    |    |    |    |    |    | 100              |

Trial Kit Treats 25 patients, Introductory kit/50 patients, Professional kit/100 patients, Master kit/200 patients, Refill kit/25 patients.
Archwires

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# WIRE STIFFNESS GUIDE

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<td></td>
<td>.021 x .025</td>
<td>.023 x .025</td>
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* Suggested use for degree of malocclusion.
### Kleen Pak™ Wire Dispenser System

Archwires are individually packaged and sealed in the Kleen Pak™ and Patient Pack™ single-patient systems.

This attractive archwire dispenser can be placed on any flat surface or conveniently wall mounted. Dispenser fits both Kleen Pak and Patient Pack systems.

<table>
<thead>
<tr>
<th>Wire Type</th>
<th>Wire Type</th>
<th>Wire Type</th>
</tr>
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* Suggested use for degree of malocclusion.
"Nothing could be more basic to our science than the control of space. Quite simply, in order to align teeth, we are first concerned with making enough space to fit them all in, then we close what is left over after we have aligned them. One can easily picture the orthodontic pioneers wrestling with this problem, much as we do today. The only difference is that we have more options today, options as to techniques, metals, forces and desired side effects. Understanding the uses, limitations, applications and anticipated actions of this wire can only improve its value to any practitioner. For this one wire can offer tremendous efficiency of time and force utilization."

M. Alan Bagden, DMD

SPACE CLOSURE IN THE AGE OF “VARIABLE MODULUS” MECHANICS

Ormco helped develop the original Beta Titanium wire more than two decades ago. Over the years, Ormco refined the TMA manufacturing process to a science in order to deliver the TMA brand of Beta Titanium wire that remains the industry standard for consistency and quality.

With half the force but twice the working range of stainless steel, TMA has indications for all stages of treatment. Because of its intermediate stiffness between stainless steel and the nickel-titanium memory alloys, it is especially beneficial as a main working archwire. TMA has good flexibility and springback characteristics along with predictable forces for consistent control.

- **Initial Stage** – TMA is recommended for tooth alignment, space closure and Curve of Spee. Ormco offers preformed Reverse Curve TMA and Reverse Curve TMA with “T” Loops.

- **Intermediate Stage** – TMA is recommended for early torque control with moderate forces. TMA also provides complete manipulation of the wire for dimensional control. Indications include use as an ideal retraction arch while exerting constant moderate forces over a longer period of time.

- **Final Stage** – TMA is used as a detailing wire with moderate force.

LOW-FRICTION AND COLORED TMA

If sliding mechanics and minimum friction are your goals, then you will appreciate the benefits of Low-Friction and Colored Low-Friction TMA. TMA colors also offer patients exciting new looks.

Kusy, Robert P., 1983. “Use of Nomograms to Determine Elastic Property Rations of Arch wires” AJO-D0 vol 83 no. 5 pp 374-381

ARCHWIRES
**Ni-Ti**
Ormco’s trademark nickel-titanium wire, Ni-Ti has the resiliency and high springback necessary during treatment. Ni-Ti is indicated for initial leveling, aligning and rotational control.

**Turbo Wire**
Turbo Wire is a nine-strand rectangular braided Ni-Ti, with low stiffness and great flexibility. Turbo Wire is recommended as an initial wire to unravel and level while controlling torque and engaging brackets fully. It is also effective as a finishing wire, retaining torque but allowing vertical elastic use.

**Triple Flex**
Triple Flex is a three-strand twisted stainless steel wire. It has moderately light forces and is used for initial leveling and alignment.

**Respond**
Respond is a stainless steel coaxial wire. It is recommended as an initial archwire to level and align because of its light, gentle forces. Respond is also very flexible and possesses great springback characteristics. One of the benefits of Respond includes great control with larger initial wire diameters.

**Copper Ni-Ti**
Ormco’s most popular wire features a unique combination of alloys and processing that provides clinicians with a low hysteresis wire. The addition of copper to traditional nickel-titanium enhances the thermal reactive properties and consistency of forces. This allows for easy engagement and consistent, light unloading forces. Available in a variety of archforms.

**Stainless Steel**
Ormco stainless steel wires are made of 300 series alloys. The wires are manufactured to the highest quality for dimensional precision and surface finish, providing optimum forces for arch stability, resilience, formability and sliding mechanics.

**D-Rect**
D-Rect is an eight-strand braided stainless steel wire. It can be used throughout treatment where lighter forces with dimensional control are indicated.

**Titanium Niobium FA (Finishing Archwire)**
Titanium Niobium FA is an archwire made without nickel that is designed for precision tooth-to-tooth finishing. The unique metallurgical properties of Titanium Niobium FA make it a precision intraoral detailing option. It is perfect for holding bends, yet light enough not to override the arch-to-arch relationship. It is recommended for use with finishing elastics even though it feels soft and pliable.
COPPER NI-TI™

Copper Ni-Ti is a quaternary alloy that provides the unique benefit of a low hysteresis, allowing the clinician to easily engage the wire which increases efficiency and provides more comfort for the patient. The addition of copper to traditional nickel titanium enhances thermal reactive properties and consistency of forces.

- Manufacturing temperature consistency and precise dimensional consistency means more reliable outcomes
- True heat activation due to TTR range that is within +/- 2º C tolerance
- Superior resistance to permanent deformation than Ni-Ti
- Easy to engage, even in the most severe cases
- Available in a variety of archforms

**27°C SUPER-ELASTIC COPPER Ni-Ti**

Generates constant unloading forces that can result in rapid tooth movement. The loading force is less than other super-elastic wires because of the low hysteresis unique to the copper alloy, while the unloading forces are comparable to traditional super-elastic nickel titanium wires.

**35°C THERMO-ACTIVE COPPER Ni-Ti**

Generates mid-range, constant force levels until the wire has fully recovered to its original shape. Ligation is easier with full-size archwires due to lower loading forces. When earlier engagement of full-size wires and sustained unloading forces at body temperature is desired, this is the ideal wire.

**40°C THERMO-ACTIVE COPPER Ni-Ti**

Generates intermittent, light forces and is useful as an initial wire in patients with a low pain threshold. Severely malaligned teeth can be engaged with light force. It is an excellent choice for patients scheduled for long intervals between visits.
By controlling the transformation temperatures in the manufacturing process, the forces are controlled, providing consistent, light movement. Copper NiTi’s narrow manufacturing tolerances mean reliability in the amount of force delivered from batch to batch.

* Internal data on file.
DAMON ARCH FORM

“In the final phase of treatment, Low-Friction TMA has become an invaluable part of my wire armamentarium. Low-Friction TMA’s greater flexibility allows you to more easily bend torque in the archwire with moderate forces without hindering your ability to close the slide. It is also easier to insert the wire and close the slide than stainless steel when small detail bends are desired at the end of treatment.”

Dwight Damon, DDS, MSD —

Dr. Dwight Damon developed this arch form after carefully studying 7,000 photographs of exceptional smiles. Dr. Damon believes that a great smile is exemplified by six well-positioned anterior teeth and an arch form that displays the first bicuspid, second bicuspid, and the mesio-buccal surface of the first molar when viewed from the anterior. This arch form prevents the “dark corner syndrome” in the posterior of the mouth.

More importantly, Dr. Damon feels that an arch form must function in a manner consistent with gnathologic principles. After he carefully evaluated several hundred patients and their articulated models, tomograms and headfilms, he concluded that this arch form can help enhance dental function.

DAMON ARCH FORM TEMPLATE

Part Number: 704-1065
COPPER Ni-Ti™ (w/stops)
All Damon Copper Ni-Ti cross-sections come with archwire stops, pre-loaded, for your convenience. Stops are easily crimped with arch-bending Howe or Weingart pliers.

<table>
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<tr>
<th>wire size</th>
<th>part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>.013</td>
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<tr>
<td>.018</td>
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<td>.016 x .025</td>
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<td>.018 x .025</td>
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Ni-Ti™ — PRE-TORQUED
Superb wires for division 2 cases where intrusion and additional torque are indicated. Wires have 20º of anterior torque built in at 34 mm and 38 mm lengths.

<table>
<thead>
<tr>
<th>anterior torque length — reverse curve</th>
<th>wire size / part number</th>
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<tbody>
<tr>
<td>DAMON</td>
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<table>
<thead>
<tr>
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<td>38 mm</td>
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Ni-Ti™ — REVERSE CURVE
Ideal when only intrusion is indicated. Comes in Packs of 5.

<table>
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TMA™ — LOW-FRICTION COLORED

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Packs of 5

TMA™ — LOW-FRICTION

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STAINLESS STEEL

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STAINLESS STEEL — POSTED

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COPPER Ni-Ti™ (w/stops)

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<table>
<thead>
<tr>
<th>anterior torque length — reverse curve</th>
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Ni-Ti™ — REVERSE CURVE
Ideal when only intrusion is indicated. Comes in Packs of 5.

<table>
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<th>arch form</th>
<th>wire size / part number</th>
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Stainless steel wires are packaged in Patient Packs of 10.
All wires are packaged in Kleen Paks of 10 unless otherwise noted.
ORTHOS ARCH FORM

The Orthos’ archwire shape is unique because it was derived from the skeletal and dental anatomy of typical orthodontic cases.

Orthos archwires combine a comprehensive selection of various modulus alloys with a fully integrated arch form designed to synchronize with Orthos brackets and buccal tubes. Through Computer Aided Engineering (CAE), both mandibular and maxillary arch forms are coordinated to the complete seven-to-seven Orthos system. Orthos, Orthos AP and Bios are designed to coordinate with the same Orthos arch form.

ARCHWIRE TEMPLATE — ORTHOS

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COPPER Ni-Ti™ 27°C (w/ stops)

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* Distributed in Europe as Ortho-CIS

All wires are packaged in Kleen Paks of 10 unless otherwise noted.
### COPPER Ni-Ti™ 35°C

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### COPPER Ni-Ti™ 40°C

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### Ni-Ti™

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### TURBO WIRE™

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<td>Lower Small</td>
<td>219-6110</td>
</tr>
<tr>
<td>Upper Large</td>
<td>219-6410</td>
</tr>
<tr>
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<td>219-6310</td>
</tr>
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</table>

### TITANIUM NIOBIUM FINISHING ARCHWIRE

<table>
<thead>
<tr>
<th>arch form</th>
<th>wire size + part numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ORTHOS</strong></td>
<td>.016 x .022 .017 x .025 .019 x .025</td>
</tr>
<tr>
<td>Upper Small</td>
<td>219-8208 219-8210 219-8212</td>
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<tr>
<td>Upper Large</td>
<td>219-8408 219-8410 219-8412</td>
</tr>
<tr>
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</table>

All wires are packaged in Kleen Paks of 10 unless otherwise noted.
### STAINLESS STEEL

<table>
<thead>
<tr>
<th>Arch Form</th>
<th>Wire Size + Part Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ORTHOS - ROUND</strong></td>
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</tr>
<tr>
<td>Upper Small</td>
<td>219-1570 219-1571 219-1572</td>
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<td>Lower Small</td>
<td>219-1560 219-1561 219-1562</td>
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<td>Upper Large</td>
<td>219-1590 219-1591 219-1592</td>
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<tr>
<td>Lower Large</td>
<td>219-1580 219-1581 219-1582</td>
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<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>ORTHOS - RECTANGULAR</strong></td>
<td></td>
</tr>
<tr>
<td>Upper Small</td>
<td>219-1208 219-1210 219-1212</td>
</tr>
<tr>
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<td>219-1108 219-1110 219-1112</td>
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<td>219-1408 219-1410 219-1412</td>
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### TMA™

<table>
<thead>
<tr>
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<th>Wire Size + Part Numbers</th>
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</thead>
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<tr>
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<tr>
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<td>219-2208 219-2210 219-2212</td>
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<td>219-2408 219-2410 219-2412</td>
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<tr>
<td>Lower Large</td>
<td>219-2308 219-2310 219-2313</td>
</tr>
</tbody>
</table>

All wires are packaged in Kleen Paks of 10 unless otherwise noted.
BROAD ARCH FORM

- Used throughout treatment for a wide variety of archwire progressions to simplify archwire adjustment while maintaining ideal arch form
- Used with preadjusted appliances with built-in in/out relationships
- Final Phase: Slightly expanded nature is designed to account for natural settling after removal where tendency toward narrowing occurs

COPPER Ni-Ti™ 27°C

<table>
<thead>
<tr>
<th>arch form</th>
<th>wire size + part numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROAD</td>
<td>.014  .016  .018  .016 x .022  .017 x .025  .019 x .025</td>
</tr>
<tr>
<td>Upper Small</td>
<td>205-0040  205-0044  205-0048  210-0902  210-0903  210-0905</td>
</tr>
<tr>
<td>Lower Small</td>
<td>205-0042  205-0046  205-0050  211-0902  211-0903  211-0905</td>
</tr>
<tr>
<td>Upper Large</td>
<td>205-0041  205-0045  205-0049  210-0912  210-0913  210-0915</td>
</tr>
<tr>
<td>Lower Large</td>
<td>205-0043  205-0047  205-0051  211-0912  211-0913  211-0915</td>
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</table>

COPPER Ni-Ti™ 35°C

<table>
<thead>
<tr>
<th>arch form</th>
<th>wire size + part numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROAD</td>
<td>.016  .018  .017 x .017  .020 x .020  .016 x .022  .017 x .025  .019 x .025  .021 x .025</td>
</tr>
<tr>
<td>Upper Small</td>
<td>205-0064  205-0068  210-0921  210-0927  210-0922  210-0923  210-0925  210-0926</td>
</tr>
<tr>
<td>Lower Small</td>
<td>205-0066  205-0070  211-0921  211-0927  211-0922  211-0923  211-0925  211-0926</td>
</tr>
<tr>
<td>Upper Large</td>
<td>205-0065  205-0069  210-0931  210-0937  210-0932  210-0933  210-0935  210-0936</td>
</tr>
<tr>
<td>Lower Large</td>
<td>205-0067  205-0071  211-0931  211-0937  211-0932  211-0933  211-0935  211-0936</td>
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## COPPER Ni-Ti™ 40°C

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<tbody>
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<tr>
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<td>210-0942</td>
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<tr>
<td>Lower Small</td>
<td>211-0942</td>
</tr>
<tr>
<td>Upper Large</td>
<td>210-0952</td>
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<tr>
<td>Lower Large</td>
<td>211-0952</td>
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</table>

## Ni-Ti™

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<thead>
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<tr>
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<td>205-0010</td>
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<td>205-0012</td>
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</table>

## Ni-Ti™ — REVERSE CURVE

<table>
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<tbody>
<tr>
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<tr>
<td>Upper</td>
<td>216-0116</td>
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## TMA™

<table>
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</thead>
<tbody>
<tr>
<td>BROAD</td>
<td>.016</td>
</tr>
<tr>
<td>Upper Small</td>
<td>210-0301</td>
</tr>
<tr>
<td>Lower Small</td>
<td>211-0301</td>
</tr>
<tr>
<td>Upper Large</td>
<td>210-0311</td>
</tr>
<tr>
<td>Lower Large</td>
<td>211-0311</td>
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</table>

## LOW-FRICTION TMA™

<table>
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</thead>
<tbody>
<tr>
<td>BROAD</td>
<td>.016 x .022</td>
</tr>
<tr>
<td>Upper Small</td>
<td>210-1402</td>
</tr>
<tr>
<td>Lower Small</td>
<td>211-1402</td>
</tr>
<tr>
<td>Upper Large</td>
<td>210-1412</td>
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<tr>
<td>Lower Large</td>
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</table>

All wires are packaged in Kleen Paks of 10 unless otherwise noted.
### COLORED TMA™

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>.016 x .022</td>
<td>Purple Honeydew</td>
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<tr>
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<td>210-4402 210-5402</td>
</tr>
<tr>
<td>Lower Small</td>
<td>211-4402 211-5402</td>
</tr>
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<td>Upper Large</td>
<td>210-4412 210-5412</td>
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<td>Lower Large</td>
<td>211-4412</td>
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</table>

### TITANIUM NIOBIUM FINISHING ARCHWIRE

<table>
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<tr>
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<th>wire size + part numbers</th>
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</thead>
<tbody>
<tr>
<td>BROAD</td>
<td>.016 x .022 .017 x .025 .019 x .025</td>
</tr>
<tr>
<td>Upper Small</td>
<td>210-0442 210-0443 210-0445</td>
</tr>
<tr>
<td>Lower Small</td>
<td>211-0442 211-0443 211-0445</td>
</tr>
<tr>
<td>Upper Large</td>
<td>210-0452 210-0453 210-0455</td>
</tr>
<tr>
<td>Lower Large</td>
<td>211-0452 211-0453 211-0455</td>
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</tbody>
</table>

### STAINLESS STEEL

<table>
<thead>
<tr>
<th>arch form</th>
<th>round wire size + part numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROAD - ROUND</td>
<td>.014 .016 .018 .020</td>
</tr>
<tr>
<td>Upper Small*</td>
<td>210-0024 210-0026 210-0028 210-0030</td>
</tr>
<tr>
<td>Lower Small*</td>
<td>211-0024 211-0026 211-0028 211-0030</td>
</tr>
<tr>
<td>Upper Large*</td>
<td>210-0124 210-0126 210-0128 210-0130</td>
</tr>
<tr>
<td>Lower Large*</td>
<td>211-0124 211-0126 211-0128 211-0130</td>
</tr>
<tr>
<td>*20/pk</td>
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<table>
<thead>
<tr>
<th>arch form</th>
<th>rectangular wire size + part numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROAD - RECTANGULAR</td>
<td>.016 x .022 .017 x .025 .018 x .025 .019 x .025 .021 x .025</td>
</tr>
<tr>
<td>Upper Small</td>
<td>210-0701 210-0702 210-0703 210-0704 210-0705</td>
</tr>
<tr>
<td>Lower Small</td>
<td>211-0701 211-0702 211-0703 211-0704 211-0705</td>
</tr>
<tr>
<td>Upper Large</td>
<td>210-0711 210-0712 210-0713 210-0714 210-0715</td>
</tr>
<tr>
<td>Lower Large</td>
<td>211-0711 211-0712 211-0713 211-0714 211-0715</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>arch form</th>
<th>square wire size + part numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>BROAD - SQUARE</td>
<td>.016 x .016</td>
</tr>
<tr>
<td>Upper Small</td>
<td>210-0706</td>
</tr>
<tr>
<td>Lower Small</td>
<td>211-0706</td>
</tr>
<tr>
<td>Upper Large</td>
<td>210-0716</td>
</tr>
<tr>
<td>Lower Large</td>
<td>211-0716</td>
</tr>
</tbody>
</table>

All wires are packaged in Kleen Paks of 10 unless otherwise noted.
The Vari-Simplex arch form is slightly narrowed in the cuspid region for the Alexander arch form.

- Vari-Simplex are designed to be versatile for varying anatomy thus reducing the need to inventory a large number of archforms
- Easy to use: stress-relieved, polished and midline markings
- Used throughout treatment with pre-adjusted Straight-Wire appliance systems
- Alexander TMA Teardrop Looped arches are designed to complement the Alexander technique

### ARCHWIRE TEMPLATE — ALEXANDER

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Alexander Archwire Template</th>
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</thead>
<tbody>
<tr>
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</table>

### STAINLESS STEEL VARI-SIMPLEX™

<table>
<thead>
<tr>
<th>arch form</th>
<th>wire size</th>
<th>upper</th>
<th>lower</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALEXANDER</td>
<td>.016, .017 x .025</td>
<td>.019 x .025</td>
<td></td>
</tr>
<tr>
<td>Upper (Size 3)</td>
<td>207-0032, 207-0037, 207-0042</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower Small (Size 1)</td>
<td>207-0030, 207-0035, 207-0040</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower Large (Size 2)</td>
<td>207-0031, 207-0036, 207-0041</td>
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<td></td>
</tr>
</tbody>
</table>

### TMA™ TEARDROP LOOLED

<table>
<thead>
<tr>
<th>arch form</th>
<th>upper</th>
<th>lower</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALEXANDER</td>
<td>.017 x .025</td>
<td>.016 x .022</td>
</tr>
<tr>
<td>34 mm</td>
<td>206-0070</td>
<td></td>
</tr>
<tr>
<td>36 mm</td>
<td>206-0071, 207-0070</td>
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</tr>
<tr>
<td>38 mm</td>
<td>206-0072, 207-0071</td>
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</tr>
<tr>
<td>40 mm</td>
<td>206-0073, 207-0072</td>
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</tr>
<tr>
<td>42 mm</td>
<td>206-0074, 207-0073</td>
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</tr>
<tr>
<td>44 mm</td>
<td>206-0075, 207-0074</td>
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</tr>
<tr>
<td>46 mm</td>
<td>207-0075</td>
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</tr>
<tr>
<td>Kit</td>
<td>206-0076, 207-0076</td>
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</table>

5/pk
* Loops distal to laterals **Loops distal to cuspids

### Arch Distribution in Kits

<table>
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<th>size</th>
<th>qty.</th>
<th>size</th>
<th>qty.</th>
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<tbody>
<tr>
<td>34 mm</td>
<td>6</td>
<td>36 mm</td>
<td>6</td>
</tr>
<tr>
<td>36 mm</td>
<td>10</td>
<td>38 mm</td>
<td>10</td>
</tr>
<tr>
<td>38 mm</td>
<td>14</td>
<td>40 mm</td>
<td>14</td>
</tr>
<tr>
<td>40 mm</td>
<td>14</td>
<td>42 mm</td>
<td>14</td>
</tr>
<tr>
<td>42 mm</td>
<td>10</td>
<td>44 mm</td>
<td>10</td>
</tr>
<tr>
<td>44 mm</td>
<td>6</td>
<td>46 mm</td>
<td>6</td>
</tr>
</tbody>
</table>

All wires are packaged in Kleen Paks of 10 unless otherwise noted.
TRU-ARCH™ ARCH FORM

THE FUNCTIONAL ARCH FORM

The Tru-Arch forms are designed to be more broad and flat across the incisors, which is ideal for use with the Straight-Wire appliance systems by helping to eliminate in/out archwire bends. The Straight-Wire system’s customized bracket thickness marries with the Tru-Arch form shape providing an optimal path for ideal occlusion.

ARCHWIRE TEMPLATE — TRU-ARCH

<table>
<thead>
<tr>
<th>Part #</th>
<th>Tru-Arch Archwire Template</th>
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<tbody>
<tr>
<td>704-1064</td>
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COPPER Ni-Ti™ 27°C

<table>
<thead>
<tr>
<th>arch form</th>
<th>wire size + part numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRU-ARCH — NO DIMPLE</td>
<td>.014</td>
</tr>
<tr>
<td>Upper Small</td>
<td>205-6201</td>
</tr>
<tr>
<td>Lower Small</td>
<td>205-6101</td>
</tr>
<tr>
<td>Upper Large</td>
<td>205-6401</td>
</tr>
<tr>
<td>Lower Large</td>
<td>205-6301</td>
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</table>
### COPPER Ni-Ti™ 27°C

<table>
<thead>
<tr>
<th>arch form</th>
<th>wire size + part numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRU-ARCH — DIMPLE</td>
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</tr>
<tr>
<td>Upper Small</td>
<td>.014 205-6221 205-6222 205-6223 210-9121 210-9123</td>
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<td>Lower Small</td>
<td>.016 205-6121 205-6122 205-6123 211-9121 211-9123</td>
</tr>
<tr>
<td>Upper Large</td>
<td>.018 205-6421 205-6422 205-6423 210-9221 210-9223</td>
</tr>
<tr>
<td>Lower Large</td>
<td>.014 x .025 205-6321 205-6322 205-6323 211-9221 211-9223</td>
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<tr>
<td>.016 x .022 210-9121 210-9123</td>
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<tr>
<td>.017 x .017 210-9111 210-9113</td>
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<tr>
<td>.017 x .025 210-9114 227-1331 210-9112</td>
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<td>.019 x .025 227-1333 227-1331 227-1333</td>
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</tr>
<tr>
<td>.020 x .020 211-9112 211-9114 211-9112</td>
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</tr>
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| TRU-ARCH — STOPS      |                                |
| Upper Large           | .014 227-1360                  |
| Lower Large           | 227-1361                      |

### COPPER Ni-Ti™ 35°C

<table>
<thead>
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<td>.016 205-6212 205-6213 210-9113 210-9111 210-9114 227-1331 210-9112</td>
</tr>
<tr>
<td>Lower Small</td>
<td>.018 205-6112 205-6113 211-9113 211-9111 211-9114 227-1333 211-9112</td>
</tr>
<tr>
<td>Upper Large</td>
<td>.016 x .022 205-6412 205-6413 210-9213 210-9211 210-9214 227-1332 210-9212</td>
</tr>
<tr>
<td>Lower Large</td>
<td>.017 x .017 205-6312 205-6313 211-9213 211-9211 211-9214 227-1334 211-9212</td>
</tr>
<tr>
<td>.017 x .025 210-9131 210-9134 210-9135 210-9132</td>
<td></td>
</tr>
<tr>
<td>.019 x .025 227-1333 227-1331 227-1333</td>
<td></td>
</tr>
<tr>
<td>.020 x .020 211-9132 211-9134 211-9135 211-9132</td>
<td></td>
</tr>
</tbody>
</table>

| TRU-ARCH — DIMPLE     |                                |
| Upper Small           | .016 205-6232 205-6233 210-9133 210-9131 210-9134 210-9135 210-9132 |
| Lower Small           | .018 205-6132 205-6133 211-9133 211-9131 211-9134 211-9135 211-9132 |
| Upper Large           | .016 x .022 205-6432 205-6433 210-9233 210-9231 210-9234 210-9235 210-9232 |
| Lower Large           | .017 x .017 205-6332 205-6333 211-9233 211-9231 211-9234 211-9235 211-9232 |
| .017 x .025 210-9234 210-9235 210-9232 210-9232 |
| .019 x .025 227-1334 227-1332 227-1334 |
| .020 x .020 211-9232 211-9234 211-9235 211-9232 |

| TRU-ARCH — STOPS      |                                |
| Upper Small           | .016 227-1370                  |
| Lower Small           | 227-1371                      |
| Upper Large           | 227-1370                      |
| Lower Large           | 227-1371                      |

### COPPER Ni-Ti™ 40°C

<table>
<thead>
<tr>
<th>arch form</th>
<th>wire size + part numbers</th>
</tr>
</thead>
<tbody>
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<td>TRU-ARCH</td>
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<tr>
<td>Upper Small</td>
<td>.019 x .025 227-1401 227-1411</td>
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<tr>
<td>Lower Small</td>
<td>227-1403</td>
</tr>
<tr>
<td>Upper Large</td>
<td>227-1402</td>
</tr>
<tr>
<td>Lower Large</td>
<td>227-1404</td>
</tr>
<tr>
<td>.021 x .025 227-1413 227-1412</td>
<td></td>
</tr>
</tbody>
</table>

All wires are packaged in Kleen Paks of 10 unless otherwise noted.
The Align™ nickel-titanium archwires come with the option of a permanent vertical midline “dimple” that is designed to prevent archwire “walking” and eliminates the need to cinch the archwire behind the buccal tube.

**ALIGN SE 200 (SUPER ELASTIC)**

Align SE 200 nickel-titanium archwires provide constant forces during treatment. Since this wire is fully austenitic at room temperature, it is recommended for instances where the orthodontist desires slightly higher force levels.

### ALIGN SE 200

<table>
<thead>
<tr>
<th>arch form</th>
<th>wire size + part numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRU-ARCH — DIMPLE</td>
<td>.014 .016 .018 .020</td>
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<tr>
<td>Upper Medium</td>
<td>227-3152 227-3154 227-3156 227-3158</td>
</tr>
<tr>
<td>Lower Medium</td>
<td>227-3126 227-3132 227-3129 227-3131</td>
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### ALIGN SE 200 — RECTANGULAR & SQUARE

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<tbody>
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<tr>
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<td>227-3134 227-3136 227-3138 227-3142 227-3144 227-3146 227-3148</td>
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<tr>
<td>Upper Medium</td>
<td>227-3108 227-3110 227-3112 227-3116 227-3118 227-3122 227-3124</td>
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<tr>
<td>Lower Small</td>
<td>227-3677 227-3679 227-3141 227-3143 227-3145</td>
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<tr>
<td>Lower Medium</td>
<td>227-3674 227-3109 227-3111 227-3676 227-3115 227-3117 227-3675 227-3121</td>
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</tbody>
</table>

All wires are packaged in Kleen Paks of 10 unless otherwise noted.
ALIGN™ XF

Align nickel-titanium archwires come with the option of a permanent vertical midline “dimple” that helps prevent archwire “walking” and reduces the need to cinch the archwire behind the buccal tube.

### ALIGN XF

<table>
<thead>
<tr>
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<tr>
<td>Lower Small</td>
<td>227-3286 227-3365 227-3369 227-3582</td>
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<td>TRU-ARCH — DIMPLE</td>
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### ALIGN XF — RECTANGULAR & SQUARE

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<td>227-3288 227-3292 227-3296 227-3304 227-3308 227-3316</td>
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All wires are packaged in Kleen Paks of 10 unless otherwise noted.
## STAINLESS STEEL

### ARCH WIRE FORMS

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<tr>
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<tr>
<td>Lower Small</td>
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### RECTANGULAR WIRE FORMS

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### KEYHOLE LOOPED (2)

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<td>22mm</td>
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<td>227-5000</td>
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<td>24mm</td>
<td>.017</td>
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<td>26mm</td>
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<td>227-5004</td>
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<td>28mm</td>
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<td>30mm</td>
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<td>32mm</td>
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<td>34mm</td>
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### KEYHOLE LOOPED (4)

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All wires are packaged in Kleen Paks of 10 unless otherwise noted.
The standard arch form is available in a number of Ormco archwires.
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<tr>
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<td>202-1008</td>
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<td>Lower</td>
<td>202-1009</td>
<td>202-1010</td>
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<th>wire size + part numbers</th>
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<tbody>
<tr>
<td>STANDARD - ROUND</td>
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<tr>
<td>Upper*</td>
<td>206-0014</td>
<td>206-0016 206-0018</td>
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<td>Lower*</td>
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<td>207-0016 207-0018</td>
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<table>
<thead>
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</thead>
<tbody>
<tr>
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<td>.016 x .022 .017 x .022 .017 x .025</td>
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<td>208-1722 208-1725</td>
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</thead>
<tbody>
<tr>
<td>STANDARD - SQUARE</td>
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<td>201-0002 201-0003</td>
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<td>201-0012 201-0013</td>
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<td>Standard Arch</td>
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All wires are packaged in Kleen Paks of 10 unless otherwise noted.
# LINGUAL ARCH FORM

## LINGUAL ARCH WIRES

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<thead>
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<tr>
<td></td>
<td>.0155</td>
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<td>.018</td>
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- Respond
- D-Rect
- TMA
- Stainless Steel
- Social 6

All wires are packaged in Kleen Paks of 10 unless otherwise noted.
<table>
<thead>
<tr>
<th>Archwire Type</th>
<th>Arch Size</th>
<th>Wire Size + Part #</th>
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<tbody>
<tr>
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<td>.013</td>
<td>204-2101 204-2111 204-2121 204-2141</td>
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<tr>
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All wires are packaged in Kleen Paks of 10 unless otherwise noted.
# STRAIGHT LENGTH WIRE

## TMA™

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<th>.018</th>
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<th>.016 x .022</th>
<th>.017 x .025</th>
<th>.019 x .025</th>
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<tbody>
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<td>14” Straight</td>
<td>266-0001</td>
<td>266-0002</td>
<td>266-0012</td>
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<td>266-0011</td>
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## LARGE DIAMETER TMA™

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<td>266-0004</td>
<td>266-0005</td>
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## AZURLOY™

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## RESPOND

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<th>.019</th>
<th>.021</th>
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<tbody>
<tr>
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<td>264-1117</td>
<td>264-1119</td>
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## COPPER Ni-Ti™

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## STAINLESS STEEL

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<th>.016</th>
<th>.018</th>
<th>.020</th>
<th>.028</th>
<th>.030</th>
<th>.032</th>
<th>.036</th>
<th>.040</th>
<th>.045</th>
</tr>
</thead>
<tbody>
<tr>
<td>14” Straight</td>
<td>266-1312</td>
<td>266-1314</td>
<td>266-1316</td>
<td>266-1318</td>
<td>266-1320</td>
<td>266-1328</td>
<td>266-1330</td>
<td>266-1332</td>
<td>266-1336</td>
<td>266-1340</td>
<td>266-1345</td>
</tr>
<tr>
<td>Package Qty</td>
<td>50</td>
<td>50</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>30</td>
<td>30</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>20</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>STRAIGHT LENGTH - RECTANGULAR</th>
<th>.016 x .022</th>
<th>.017 x .022</th>
<th>.017 x .025</th>
<th>.018 x .022</th>
<th>.018 x .025</th>
<th>.019 x .025</th>
<th>.021 x .025</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>STRAIGHT LENGTH - SQUARE</th>
<th>.016 x .016</th>
</tr>
</thead>
<tbody>
<tr>
<td>14” Straight</td>
<td>252-1616</td>
</tr>
</tbody>
</table>

All wires are packaged in Kleen Paks of 10 unless otherwise noted.
**REVERSE CURVE WIRE**

**TMA™ — REVERSE CURVE**
Reverse Curve TMA is ideal for bite opening, arch leveling, space closure, early three-dimensional manipulation and torque control.

<table>
<thead>
<tr>
<th>arch form</th>
<th>wire size + part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>REVERSE CURVE</td>
<td>.016 x .022 215-0003 215-0004 215-0005</td>
</tr>
<tr>
<td></td>
<td>.017 x .025 216-0003 216-0004 216-0005</td>
</tr>
<tr>
<td>Upper</td>
<td>Lower</td>
</tr>
</tbody>
</table>

**TMA™ — REVERSE CURVE WITH “T” LOOPS**
Reverse Curve TMA with "T" Loops allows effective anterior retraction, intrusion of the anterior segment and torquing. Colors noted indicate millimeter identification.

<table>
<thead>
<tr>
<th>arch size</th>
<th>wire size + part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>REVERSE CURVE</td>
<td>.016 x .022 215-0021 215-0031 215-0041</td>
</tr>
<tr>
<td></td>
<td>.017 x .025 215-0022 215-0032 215-0042</td>
</tr>
<tr>
<td>30 mm (Blue)</td>
<td>34 mm (Black)</td>
</tr>
<tr>
<td></td>
<td>36 mm (Red)</td>
</tr>
<tr>
<td></td>
<td>38 mm (Green)</td>
</tr>
<tr>
<td></td>
<td>40 mm (Yellow)</td>
</tr>
<tr>
<td>32 mm (White)</td>
<td>36 mm (Red)</td>
</tr>
<tr>
<td>34 mm (Black)</td>
<td>38 mm (Green)</td>
</tr>
<tr>
<td>36 mm (Red)</td>
<td>40 mm (Yellow)</td>
</tr>
<tr>
<td>38 mm (Green)</td>
<td></td>
</tr>
<tr>
<td>40 mm (Yellow)</td>
<td></td>
</tr>
</tbody>
</table>

All wires are packaged in Kleen Paks of 10 unless otherwise noted.
ARCHWIRE TEMPLATES 1:1

BROAD ARCH FORM

- **BROAD ARCH**
  - upper - large
- **BROAD ARCH**
  - upper - small
- **BROAD ARCH**
  - lower - large
- **BROAD ARCH**
  - lower - small
ORTHOS ARCH FORM

ORTHOS ARCH
upper - large

ORTHOS ARCH
upper - small

ORTHOS ARCH
lower - large

ORTHOS ARCH
lower - small
TRU-ARCH

TRU-ARCH
upper - medium

TRU-ARCH
upper - small

TRU-ARCH
lower - medium

TRU-ARCH
lower - small
In an effort to provide the orthodontist with the most advanced bonding products, Ormco has teamed up with its partner, Kerr, the leading innovator in dental adhesives. The combined efforts of the Kerr and Ormco scientists have resulted in technology which provides excellent bonding materials for reliability and efficiency.

**Enlight & Enlight IV** p. 126

**System I+** p. 127

**Blūgloo** p. 128

**Grēngloo** p. 129

**Ortho Solo & Ortho Solo Stick** p. 130

**Gel Etch & Liquid Etch** p. 131

**Optiband Ultra** p. 132

**Optiband** p. 133

**Protech/Protech Gold** p. 134

**Porcelain Primer** p. 134

**Demi Plus** p. 135
ENLIGHT™
BONDING SYSTEM

ENLIGHT
- Highly filled light-cure adhesive
- Superb handling characteristics
- Highly active initiator system
- Unidose™ and syringe delivery options

ENLIGHT LV (LOW VISCOSITY)
- Flowable low-viscosity paste designed for lingual retainers and indirect bonding
- Highly active initiator system
- Unidose delivery for easy placement

<table>
<thead>
<tr>
<th>Syringe Kit</th>
<th>Adhesive (four 4g syringes - 16g total), Ortho Solo™ (5ml), Mixing Pad, Etching Solution (10ml), Sealant Applicator Brushes (75), Spatulas (75), Instructions</th>
<th>740-0198</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unidose Kit</td>
<td>Adhesive (60 Unidose tips - 12g total), Ortho Solo (5ml), Mixing Pad, Etching Solution (10ml), Sealant Applicator Brushes (75), Spatulas (75), Unidose Gun, Instructions</td>
<td>740-0199</td>
</tr>
<tr>
<td>Sample Kit</td>
<td>Adhesive (one 4g syringe), Ortho Solo (5ml)</td>
<td>740-0179</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Syringe Refill (4g syringe)</th>
<th>740-0195</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unidose Refill (20 tips - 4g total)</td>
<td>740-0178</td>
</tr>
<tr>
<td>Ortho Solo Refill (5ml)</td>
<td>740-0271</td>
</tr>
<tr>
<td>Etching Solution Refill (10ml)</td>
<td>740-0038</td>
</tr>
<tr>
<td>Sealant Applicator Brushes (75)</td>
<td>740-0041</td>
</tr>
<tr>
<td>Spatulas Refill (75)</td>
<td>740-0075</td>
</tr>
<tr>
<td>Unidose Gun</td>
<td>740-0200</td>
</tr>
<tr>
<td>Enlight LV Technique Guide</td>
<td>070-0432</td>
</tr>
</tbody>
</table>

| Unidose Kit | Adhesive (60 unidose tips - 12g total), Ortho Solo (5ml), Mixing Pad, Etching Solution (10 ml), Applicator Brushes (75), Spatulas (75), Unidose Gun, Instructions | 740-0299 |

<table>
<thead>
<tr>
<th>Unidose Refill (20 tips - 4g total)</th>
<th>740-0278</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ortho Solo Refill (5 ml)</td>
<td>740-0271</td>
</tr>
<tr>
<td>Etching Solution Refill (10 ml)</td>
<td>740-0038</td>
</tr>
<tr>
<td>Sealant Applicator Brushes (75)</td>
<td>740-0041</td>
</tr>
<tr>
<td>Spatulas Refill (75)</td>
<td>740-0075</td>
</tr>
<tr>
<td>Unidose Gun</td>
<td>740-0197</td>
</tr>
<tr>
<td>Enlight LV Technique Guide</td>
<td>070-0431</td>
</tr>
</tbody>
</table>
SYSTEM 1+™

The urethane-modified dimethacrylate, no-mix resin produces an adaptive polymer in a high-tack paste consistency.

- No mixing
- High-tack paste minimizes bracket drift
- Two convenient dispensing packs

KITS & REPLACEMENTS

<table>
<thead>
<tr>
<th>Introductory Kit</th>
<th>740-0107</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesive (two 2.5g Syringes)</td>
<td>740-0108</td>
</tr>
<tr>
<td>Activator (10cc)</td>
<td>740-0101</td>
</tr>
<tr>
<td>Etching Solution (10ml)</td>
<td>740-0038</td>
</tr>
<tr>
<td>Activator Brushes (75/pk)</td>
<td>740-0041</td>
</tr>
<tr>
<td>Mixing Pad</td>
<td>740-0031</td>
</tr>
<tr>
<td>Spatulas (75/pk)</td>
<td>740-0075</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Syringe Kit</th>
<th>740-0105</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesive (two 2.5g Syringes)</td>
<td>740-0108</td>
</tr>
<tr>
<td>Activator (10cc)</td>
<td>740-0101</td>
</tr>
<tr>
<td>Etching Solution (10ml)</td>
<td>740-0038</td>
</tr>
<tr>
<td>Activator Brushes (75/pk)</td>
<td>740-0041</td>
</tr>
<tr>
<td>Mixing Trays (40/pk)</td>
<td>740-0076</td>
</tr>
<tr>
<td>Spatulas (75/pk)</td>
<td>740-0075</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Jar Kit</th>
<th>740-0106</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesive (10g)</td>
<td>740-0104</td>
</tr>
<tr>
<td>Activator (10cc)</td>
<td>740-0101</td>
</tr>
<tr>
<td>Etching Solution (10ml)</td>
<td>740-0038</td>
</tr>
<tr>
<td>Activator Brushes (75/pk)</td>
<td>740-0041</td>
</tr>
<tr>
<td>Mixing Trays (40/pk)</td>
<td>740-0076</td>
</tr>
<tr>
<td>Spatulas (75/pk)</td>
<td>740-0075</td>
</tr>
</tbody>
</table>
BLŪGLOO™

Blūgloo provides color contrast when you need it and is clear when you don’t. Bracket placement and cleanup have never been easier!

SEE WHAT YOU’VE BEEN MISSING!

Color On Demand — The color contrast of Blūgloo during bonding helps facilitate fast, accurate bracket placement and makes it easy to see unwanted flash. As Blūgloo warms to body temperature, the color virtually disappears, remaining clear throughout treatment. When debonding, simply introduce a short blast of cool air or water to lower the bonding surface temperature, and Blūgloo turns blue again for thorough cleanup.

Made For Aesthetics — Blūgloo’s advanced formulation and color stability have been optimized for aesthetic clear brackets.

Light Cures in as little as 5 seconds with Demi Plus.

KITS & REPLACEMENTS

<table>
<thead>
<tr>
<th>Syringe Kit</th>
<th>740-0274</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesive (four Unidose 10 packs – 8g total)</td>
<td>740-0272</td>
</tr>
<tr>
<td>Ortho Solo Primer (5ml)</td>
<td>740-0271</td>
</tr>
<tr>
<td>Etching Solution (10ml)</td>
<td>740-0038</td>
</tr>
<tr>
<td>Sealant Applicator Brushes (38/pk)</td>
<td>740-0041*</td>
</tr>
<tr>
<td>Spatulas (75/pk)</td>
<td>740-0075</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unidose Kit</th>
<th>740-0275</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesive (four Unidose 10 packs – 8g total)</td>
<td>740-0273**</td>
</tr>
<tr>
<td>Ortho Solo Primer (5ml)</td>
<td>740-0271</td>
</tr>
<tr>
<td>Etching Solution (10ml)</td>
<td>740-0038</td>
</tr>
<tr>
<td>Sealant Applicator Brushes (38/pk)</td>
<td>740-0041*</td>
</tr>
<tr>
<td>Spatulas (75/pk)</td>
<td>740-0075</td>
</tr>
</tbody>
</table>

Syringe Paste Refill (4g syringe) 740-0272
Unidose Paste Refill (2 Packs of 10) 740-0273

*Refill sold separately as a pack of 75
**Refill sold separately as two packs of 10
GRENGLOO™

Grengloo is the two-way color change adhesive for metal brackets that provides the strength, flexibility and intelligent features you demand.

**STRONG**
- Quick-cure polymerization ensures optimal bond strength at initial force loading
- Chemical affinity for metal brackets ensure more reliable bond strength

**FLEXIBLE**
- Provides great working time for better placement
- Proprietary formula delivers high level of impact resistance

**SMART**
- On-demand color change for fast and accurate cleanup at bonding and debonding
- Light cures in as little as 5 seconds with Demi™ Plus

**KITS & REPLACEMENTS**

<table>
<thead>
<tr>
<th>Syringe Kit</th>
<th>740-0320</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesive (two 4g Syringes)</td>
<td>740-0321***</td>
</tr>
<tr>
<td>Bottle Ortho Solo (5ml)</td>
<td>740-0271</td>
</tr>
<tr>
<td>Etching Solution (10ml)</td>
<td>740-0038</td>
</tr>
<tr>
<td>Sealant Applicator Brushes (38)</td>
<td>740-0041*</td>
</tr>
<tr>
<td>Spatulas (75)</td>
<td>740-0075</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unidose Kit</th>
<th>740-0322</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesive (four Unidose 10packs – 8g total)</td>
<td>740-0323**</td>
</tr>
<tr>
<td>Ortho Solo Primer (5ml)</td>
<td>740-0271</td>
</tr>
<tr>
<td>Etching Solution (10ml)</td>
<td>740-0038</td>
</tr>
<tr>
<td>Sealant Applicator Brushes (38)</td>
<td>740-0041*</td>
</tr>
<tr>
<td>Spatulas (75)</td>
<td>740-0075</td>
</tr>
</tbody>
</table>

*Refill sold separately as a pack of 75
**Refill sold separately as two packs of 10
***Refill is sold as one 4g syringe

**Data on file.**

---

**ADHESIVES, CEMENTS & PRIMERS**

ormco | your practice. our priority.
ORTHOSOLO™

Ortho Solo is a universal sealant and bonding primer for use with light cure and chemical cure bonding systems. Ortho Solo’s hydrophilic property makes it moisture-tolerant for optimal and reliable orthodontic bonding.

- Ortho Solo incorporates a bond-enhancing property that improves adhesion to the tooth at the adhesive interface
- The glass filler, unique to Ortho Solo, is designed to act as a stress and shock absorber, helping prevent cracks that can lead to bond failures
- No air-dry or light-cure step is needed.
- Includes a compound that displaces moisture, making the technique more forgiving when a dry field is inadvertently compromised

KITS & REPLACEMENTS

<table>
<thead>
<tr>
<th>Ortho Solo Kit</th>
<th>740-0270</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ortho Solo (four, 5ml bottles)</td>
<td></td>
</tr>
<tr>
<td>Applicator Brushes (75)</td>
<td>740-0041</td>
</tr>
<tr>
<td>Disposable Wells (1 pkg)</td>
<td></td>
</tr>
<tr>
<td>Ortho Solo Technique Card</td>
<td>070-0440</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ortho Solo Refill (one, 5ml bottle)</th>
<th>740-0271</th>
</tr>
</thead>
</table>

ORTHOSOLO SOLO STICK

Your Favorite Bond Enhancer in a Convenient Unidose™ Delivery System

Each Ortho Solo Stick contains enough sealant/bond enhancer for one arch. Simply push the Ortho Solo Stick into the sealant well to access the solution, pull the stick out and immediately apply the liquid to the tooth. No air-dry or light-cure steps needed.

Consistent and accurate dosage minimizes product waste. Unidose delivery reduces the risk of cross contamination and offers a cleaner presentation to your patients. A tightly sealed container ensures that there is no harmful exposure to light and no risk of product evaporation.

KITS & REPLACEMENTS

| Box of 10 Sticks (1.2ml total)     | 740-0269 |

ADHESIVES, CEMENTS & PRIMERS
GEL ETCH

Conveniently packaged in two 5cc syringes, our 29% Gel Etch provides an easily applied alternative to traditional liquid etching. Disposable syringe tips are included to help prevent cross-contamination between patients.

KITS & REPLACEMENTS

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gel Etch Kit</td>
<td>740-0150</td>
</tr>
<tr>
<td>Syringes (two, 5cc)</td>
<td></td>
</tr>
<tr>
<td>Disposable Syringe Tips (25/pk)</td>
<td></td>
</tr>
<tr>
<td>Replacements</td>
<td></td>
</tr>
<tr>
<td>Syringe (one, 5cc)</td>
<td>740-0133</td>
</tr>
<tr>
<td>Disposal Syringe Tips (25/pk)</td>
<td>740-0134</td>
</tr>
</tbody>
</table>

LIQUID ETCH

Etching Solution contains 37% phosphoric acid.

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bottle of 10ml</td>
<td>740-0038</td>
</tr>
</tbody>
</table>
OPTIBAND™ ULTRA

Single-Paste, Light-Cure Band Cement

OptiBand Ultra is the ideal choice for reliable and convenient banding.

- Quick-Setting, Single-Paste, Light-Cure Formula means no more mixing and no more mess
- Disposable Tips allow application directly into the band for no waste and reduced risk of cross-contamination
- Optional blue color helps make cleanup of excess adhesive easier at both banding and debanding appointments

KITS & REPLACEMENTS

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Syringes - Tooth Colored (9g total, 10 tips)</td>
<td>740-0291</td>
</tr>
<tr>
<td>10 Syringes - Tooth Colored (18g total, 20 tips)</td>
<td>740-0292</td>
</tr>
<tr>
<td>5 Syringes - Blue Colored (9g total, 10 tips)</td>
<td>740-0293</td>
</tr>
<tr>
<td>10 Syringes - Blue Colored (18g total, 20 tips)</td>
<td>740-0294</td>
</tr>
<tr>
<td>Tip Refill (50 tips)</td>
<td>740-0295</td>
</tr>
</tbody>
</table>
OPTIBAND™

BAND CEMENT

OptiBand is a resin-based band cement formulated in a two-paste dual syringe system that eliminates messy powder and liquid mixing. With a consistent mix every time, OptiBand delivers reliable band cementation and the dual cure feature also gives you the choice of light curing or self-curing.

KITS & REPLACEMENTS

<table>
<thead>
<tr>
<th>Dual Syringe Kit</th>
<th>740-0194</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual Syringes (four syringes – 20g total)</td>
<td></td>
</tr>
<tr>
<td>Mixing Pads (75)</td>
<td></td>
</tr>
<tr>
<td>Spatulas (5)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Replacements</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual Syringe (5g)</td>
<td>740-0193</td>
</tr>
<tr>
<td>Mixing Pads (75)</td>
<td>740-0124</td>
</tr>
</tbody>
</table>
GLASS IONOMER CEMENT

Protech™ glass ionomer band cement is specifically formulated for orthodontic banding. Unlike conventional cements, Protech bonds to enamel and stainless steel to provide excellent band retention.

KITS

<table>
<thead>
<tr>
<th>Introductory Kit (White)</th>
<th>740-0155</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cement Powder (30g)</td>
<td></td>
</tr>
<tr>
<td>Cement Liquid (15ml)</td>
<td></td>
</tr>
<tr>
<td>Measuring Scoop</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Standard Kit (White)</th>
<th>740-0156</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Cement Powder (240g)</td>
<td>740-1151</td>
</tr>
<tr>
<td>Cement Liquid* (120ml)</td>
<td>740-0153</td>
</tr>
<tr>
<td>Dispensing Bottle (empty)</td>
<td></td>
</tr>
<tr>
<td>Measuring Scoops (2)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Introductory Kit (Gold)</th>
<th>740-0255</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cement Powder (30g)</td>
<td></td>
</tr>
<tr>
<td>Cement Liquid (15ml)</td>
<td></td>
</tr>
<tr>
<td>Measuring Scoop</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Standard Kit (Gold)</th>
<th>740-0256</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gold Cement Powder (240g)</td>
<td>740-0251</td>
</tr>
<tr>
<td>Cement Liquid* (120ml)</td>
<td>740-0153</td>
</tr>
<tr>
<td>Dispensing Bottle (empty)</td>
<td></td>
</tr>
<tr>
<td>Measuring Scoops (2)</td>
<td></td>
</tr>
</tbody>
</table>

*Cement liquid is the same part for Protech and Protech Gold

PRIMER

PORCELAIN PRIMER

Porcelain Primer permits bonding versatility with patients having bridgework or crowns. May be used with all metal, ceramic or plastic brackets. Complete instructions are included.

| Bottle of 12cc                          | 740-0012 |

NO-MIX PLASTIC BRACKET PRIMER

Plastic Bracket Primer allows bonding of plastic brackets and buttons. Comes complete with 25 applicator brushes and instructions for use.

| Bottle of 19ml                          | 740-0077 |
Demi™ Plus

LED Curing Light System

TRUSTED CURING LIGHT TECHNOLOGY

Demi™ Plus powered by Demetron™ Technology pioneered by our sister company Kerr, has been at the forefront of light curing since its inception. With a lightweight, balanced design and intuitive controls, DemiPlus brings sophisticated engineering, enhanced performance, and efficiency to the Orthodontist.

- **True 5-second cure.** Consistent output of Periodic Level Shifting (PLS) delivers a true 5-second cure for composite shades A3 and lighter
- **Uninterrupted operation.** Whisper-quiet fan and unique thermal control system keeps the unit cool for uninterrupted operation, also extending the overall life of the unit
- **Advanced battery technology.** The lithium-ion battery technology can yield 300, 10-second cures with a single charge
- **Lightweight, ergonomic design.** Multiple holding options reduce hand and arm stress and make it easier to access the posterior

---

**Enhanced Body Design**
The exterior is made from Valox resin, a high-performance plastic that will protect and extend the life of your unit.

**Extended Light Guide**
+28% longer reach
The 8 mm Extended Turbo Light Guide enables better application with improved access for posterior procedures.

**Advanced Battery Design**
The positive contact charger guarantees a snug fit between the contacts on the handpiece and the charger base, and fully coated contacts prevent corrosion over time—ensuring a proper charge with every procedure.

**Longer Warranty**
Our three-year warranty ensures you get the most value out of your premium investment.
Demi Plus features 3 time settings, 5, 10 and 20 seconds with audible beeps after 5 seconds.
For optimal curing, place the light guide as close to the bracket as possible and ensure the light guide is clean and free from debris.

Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demi Plus Battery Pack</td>
<td>921918-1</td>
</tr>
<tr>
<td>Demi Plus Battery Charger</td>
<td>921919-1</td>
</tr>
<tr>
<td>Demi Plus Handpiece Replacement</td>
<td>921920-1</td>
</tr>
<tr>
<td>Demi Plus Power Supply</td>
<td>952269</td>
</tr>
<tr>
<td>L.E.D. Radiometer</td>
<td>910726</td>
</tr>
<tr>
<td>8 mm Turbo Extended Light Guide</td>
<td>921746</td>
</tr>
<tr>
<td>4 mm Curved Turbo Light Guide</td>
<td>921676</td>
</tr>
<tr>
<td>8 mm Curved Turbo (8 mm x 70 mm)</td>
<td>952213</td>
</tr>
<tr>
<td>11 mm Curved Turbo</td>
<td>921551</td>
</tr>
<tr>
<td>Protective Light Shield</td>
<td>20816</td>
</tr>
<tr>
<td>Demetron LED Light Meter</td>
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</table>

**Demi Plus LED Light Curing System (120 V)**

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>Handpiece</td>
<td>910860-1</td>
</tr>
<tr>
<td>8 mm Turbo Extended Light Guide</td>
<td></td>
</tr>
<tr>
<td>Lithium Ion Battery Pack</td>
<td></td>
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<tr>
<td>Battery Charger</td>
<td></td>
</tr>
<tr>
<td>Power Supply</td>
<td></td>
</tr>
<tr>
<td>Protective Light Shield</td>
<td></td>
</tr>
</tbody>
</table>
Ormco’s elastomerics have long-been regarded for quality and reliability. Manufacturing our own affords us the ability to ensure they are made without natural latex and deliver consistent elasticity over the expected lifespan.

<table>
<thead>
<tr>
<th>Molded “O”s Short Sticks</th>
<th>p. 138</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Chain</td>
<td>p. 139</td>
</tr>
<tr>
<td>Tieback Modules</td>
<td>p. 140</td>
</tr>
<tr>
<td>Power Thread &amp; Tube</td>
<td>p. 141</td>
</tr>
<tr>
<td>Separators</td>
<td>p. 141</td>
</tr>
<tr>
<td>Zoo Pack Elastics</td>
<td>p. 142</td>
</tr>
</tbody>
</table>
MOLDED “O”s
SHORT STICKS

Short Sticks accommodate single-patient use.

- Size .120” available in 24 vibrant colors
- Coordinates with Colored Power Chain
- Flat cross section for improved tie wing fit
- Package of 1,000 (100 trees/10 per tree)

<table>
<thead>
<tr>
<th>Color</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>Purple</td>
<td>640-1240</td>
</tr>
<tr>
<td>Orange</td>
<td>640-1241</td>
</tr>
<tr>
<td>Blue</td>
<td>640-1242</td>
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<tr>
<td>Pink</td>
<td>640-1243</td>
</tr>
<tr>
<td>Black</td>
<td>640-1244</td>
</tr>
<tr>
<td>Red</td>
<td>640-1245</td>
</tr>
<tr>
<td>Neon Green</td>
<td>640-1246</td>
</tr>
<tr>
<td>Yellow</td>
<td>640-1247</td>
</tr>
<tr>
<td>White</td>
<td>640-1248</td>
</tr>
<tr>
<td>Tooth</td>
<td>640-1249</td>
</tr>
<tr>
<td>Teal</td>
<td>640-1250</td>
</tr>
<tr>
<td>Rose</td>
<td>640-1251</td>
</tr>
<tr>
<td>Violet</td>
<td>640-1252</td>
</tr>
<tr>
<td>Emerald Green</td>
<td>640-1255</td>
</tr>
<tr>
<td>Maroon</td>
<td>640-1256</td>
</tr>
<tr>
<td>Gold</td>
<td>640-1257</td>
</tr>
<tr>
<td>Silver</td>
<td>640-1258</td>
</tr>
<tr>
<td>Jade Green</td>
<td>640-1259</td>
</tr>
<tr>
<td>Ruby Red</td>
<td>640-1260</td>
</tr>
<tr>
<td>Cobalt Blue</td>
<td>640-1261</td>
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<tr>
<td>Navy</td>
<td>640-1262</td>
</tr>
<tr>
<td>Smoke</td>
<td>640-1263</td>
</tr>
<tr>
<td>Clear</td>
<td>640-1264</td>
</tr>
<tr>
<td>Gray</td>
<td>640-1265</td>
</tr>
<tr>
<td>Regular Sampler Pack</td>
<td>640-1270</td>
</tr>
<tr>
<td>Metallica Sampler Pack</td>
<td>640-1271</td>
</tr>
</tbody>
</table>

Color Guide 070-0442
POWER CHAIN

ORIGINAL POWER CHAIN

Power Chain I and II are easy-to-use continuous chains of modules for ligation, consolidation and anterior retraction.

- Roll of 15 ft
- Open and wide spacing

COLORED POWER CHAIN

Colored Power Chain features a unique urethane formulation that provides constant application of light forces.

- 19 vibrant colors
- Coordinate with Short Sticks colors
- Open and closed spacing
- Roll of 13.1 ft

<table>
<thead>
<tr>
<th>COLOR</th>
<th>Open</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pink</td>
<td>639-0030</td>
<td>639-0040</td>
</tr>
<tr>
<td>Purple</td>
<td>639-0031</td>
<td>639-0041</td>
</tr>
<tr>
<td>Black</td>
<td>639-0032</td>
<td>639-0042</td>
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<tr>
<td>Green</td>
<td>639-0033</td>
<td>639-0043</td>
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<tr>
<td>Red</td>
<td>639-0034</td>
<td>639-0044</td>
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<tr>
<td>Blue</td>
<td>639-0035</td>
<td>639-0045</td>
</tr>
<tr>
<td>Orange</td>
<td>639-0036</td>
<td>639-0046</td>
</tr>
<tr>
<td>Yellow</td>
<td>639-0037</td>
<td>639-0047</td>
</tr>
<tr>
<td>White</td>
<td>639-0038</td>
<td>639-0048</td>
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<tr>
<td>Teal</td>
<td>639-0050</td>
<td>639-0060</td>
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<td>Rose</td>
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<tr>
<td>Violet</td>
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<tr>
<td>Emerald Green</td>
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<td>639-0063</td>
</tr>
<tr>
<td>Silver</td>
<td>639-0054</td>
<td>639-0064</td>
</tr>
<tr>
<td>Maroon</td>
<td>639-0055</td>
<td>639-0065</td>
</tr>
<tr>
<td>Gold</td>
<td>639-0056</td>
<td>639-0066</td>
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<tr>
<td>Jade Green</td>
<td>639-0057</td>
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<tr>
<td>Ruby Red</td>
<td>639-0058</td>
<td>639-0068</td>
</tr>
<tr>
<td>Cobalt Blue</td>
<td>639-0059</td>
<td>639-0069</td>
</tr>
</tbody>
</table>

ORIGINAL POWER CHAIN

Power Chain I and II are easy-to-use continuous chains of modules for ligation, consolidation and anterior retraction.

- Roll and wide spacing
- Roll of 15 ft.

<table>
<thead>
<tr>
<th>COLOR</th>
<th>Clear</th>
<th>Grey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Chain I (wide space)</td>
<td>639-0012</td>
<td>639-0010</td>
</tr>
<tr>
<td>Power Chain II (open space)</td>
<td>639-0013</td>
<td>639-0011</td>
</tr>
</tbody>
</table>

GENERATION II POWER CHAIN

This advanced elastomeric provides a more uniform continuous force over a longer period of time.

- Closed, open, and wide spacing
- Roll of 13.1 ft

<table>
<thead>
<tr>
<th>COLOR</th>
<th>Clear</th>
<th>Grey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Generation II (closed space)</td>
<td>639-0002</td>
<td>639-0001</td>
</tr>
<tr>
<td>Generation II (open space)</td>
<td>639-0004</td>
<td>639-0003</td>
</tr>
<tr>
<td>Generation II (wide space)</td>
<td>639-0019</td>
<td>639-0018</td>
</tr>
</tbody>
</table>
**DAMON TIEBACK MODULES**

Designed exclusively for the Damon System, the Damon Tieback Modules are manufactured with the same fatigue resistant material as Ormco’s popular Generation II Chain.

- Optimized force-memory and elongation properties provide uniform forces throughout treatment
- Tear-resistant
- Available in two sizes
- Available in two colors (gray and clear) to complement all Damon bracket systems

<table>
<thead>
<tr>
<th>LENGTH (40/pk)</th>
<th>Clear</th>
<th>Grey</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.1 mm</td>
<td>637-0012</td>
<td>637-0011</td>
</tr>
<tr>
<td>8.6 mm</td>
<td>637-0022</td>
<td>637-0021</td>
</tr>
</tbody>
</table>
POWER THREAD & TUBE

POWER THREAD
- Consistent, reliable performance
- Ideal for rotation, corrections and cuspid retractions

<table>
<thead>
<tr>
<th>SIZE</th>
<th>LENGTH</th>
<th>Clear</th>
<th>Grey</th>
</tr>
</thead>
<tbody>
<tr>
<td>.025&quot;</td>
<td>25 ft</td>
<td>640-1026</td>
<td>640-1025</td>
</tr>
<tr>
<td>.030&quot;</td>
<td>25 ft</td>
<td>640-1031</td>
<td>640-1030</td>
</tr>
<tr>
<td>.025&quot;</td>
<td>50 ft</td>
<td>640-2026</td>
<td>640-2025</td>
</tr>
<tr>
<td>.030&quot;</td>
<td>50 ft</td>
<td>640-2031</td>
<td>640-2030</td>
</tr>
</tbody>
</table>

POWER TUBE
- Hollow channel allows for secure knotting

<table>
<thead>
<tr>
<th>SIZE</th>
<th>LENGTH</th>
<th>Clear</th>
<th>Grey</th>
</tr>
</thead>
<tbody>
<tr>
<td>.025&quot;</td>
<td>25 ft</td>
<td>640-4026</td>
<td>640-4025</td>
</tr>
<tr>
<td>.030&quot;</td>
<td>25 ft</td>
<td>640-4031</td>
<td>640-4030</td>
</tr>
<tr>
<td>.025&quot;</td>
<td>50 ft</td>
<td>640-6026</td>
<td>640-6025</td>
</tr>
<tr>
<td>.030&quot;</td>
<td>50 ft</td>
<td>640-6031</td>
<td>640-6030</td>
</tr>
</tbody>
</table>

SEPARATORS
- Radiopaque
- Provide continuous forces
- Effective in both anterior and posterior sections
- Highly visible blue color

Pack of 1,000 640-0080
ZOO PACK ELASTICS

- High-quality surgical latex
- Consistent force pull
- Force ratings based on elastic being extended three times listed diameter
- Available in 10 sizes of assorted Color Packs (pink, orange, green and purple)
- Zoo Packs contain 50 bags of 100

### INTRAORAL ELASTICS

<table>
<thead>
<tr>
<th>Strength</th>
<th>Light</th>
<th>Medium</th>
<th>Med / Heavy</th>
<th>Heavy</th>
<th>Extra Heavy</th>
<th>Light</th>
<th>Heavy</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIZE</td>
<td>2oz — 60g</td>
<td>3oz — 85g</td>
<td>3.5oz — 100g</td>
<td>4.5oz — 130g</td>
<td>6 oz — 170 g</td>
<td>8 oz — 230 g</td>
<td>14 oz — 400 g</td>
</tr>
<tr>
<td>1/8&quot; 3.18 mm</td>
<td>Hummingbird 630-0010</td>
<td></td>
<td>Chipmunk 630-0030</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3/16&quot; 4.76 mm</td>
<td>Quail 630-0011</td>
<td>Otter 630-0020</td>
<td>Rabbit 630-0031</td>
<td>Kangaroo 630-0040</td>
<td>Impala 630-0050</td>
<td>Cougar 635-0058</td>
<td></td>
</tr>
<tr>
<td>1/4&quot; 6.35 mm</td>
<td>Owl 630-0012</td>
<td>Seal 630-0021</td>
<td>Fox 630-0032</td>
<td>Bear 630-0041</td>
<td>Ram 630-0051</td>
<td>Leopard 635-0059</td>
<td></td>
</tr>
<tr>
<td>5/16&quot; 7.94 mm</td>
<td>Parrot 630-0013</td>
<td>Dolphin 630-0022</td>
<td>Penguin 630-0033</td>
<td>Zebra 630-0042</td>
<td>Moose 630-0052</td>
<td>Panther 635-0060</td>
<td>Walrus 635-0065</td>
</tr>
<tr>
<td>3/8&quot; 9.35 mm</td>
<td>Road Runner 630-0014</td>
<td>Turtle 630-0023</td>
<td>Monkey 630-0034</td>
<td>Camel 630-0043</td>
<td>Buffalo 630-0053</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/2&quot; 12.7 mm</td>
<td>Peacock 630-0015</td>
<td>Donkey 630-0035</td>
<td></td>
<td>Lion 635-0062</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5/8&quot; 15.9 mm</td>
<td>Eagle 630-0016</td>
<td>Llama 630-0036</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3/4&quot; 19.1 mm</td>
<td>Ostrich 630-0017</td>
<td>Giraffe 630-0037</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### EXTRAORAL ELASTICS

- Shaded sizes are available in Ormco Color Packs
  - Chipmunk 636-0113
  - Bear 636-0122
  - Rabbit 636-0114
  - Impala 636-0125
  - Fox 636-0115
  - Ram 636-0126
  - Penguin 636-0116
  - Moose 636-0127
  - Monkey 636-0117
  - Buffalo 636-0128

- High-quality surgical latex
- Consistent force pull
- Force ratings based on elastic being extended three times listed diameter
- Available in 10 sizes of assorted Color Packs (pink, orange, green and purple)
- Zoo Packs contain 50 bags of 100
## Animal Zoo Packs

<table>
<thead>
<tr>
<th>Light - 2 oz</th>
<th>Master Pouches of 50 Zoo Packs</th>
<th>Color Packs of 40 Zoo Packs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hummingbird</td>
<td>630-0010</td>
<td></td>
</tr>
<tr>
<td>Quail</td>
<td>630-0011</td>
<td></td>
</tr>
<tr>
<td>Owl</td>
<td>630-0012</td>
<td></td>
</tr>
<tr>
<td>Parrot</td>
<td>630-0013</td>
<td></td>
</tr>
<tr>
<td>Road Runner</td>
<td>630-0014</td>
<td></td>
</tr>
<tr>
<td>Peacock</td>
<td>630-0015</td>
<td></td>
</tr>
<tr>
<td>Eagle</td>
<td>630-0016</td>
<td></td>
</tr>
<tr>
<td>Ostrich</td>
<td>630-0017</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Medium - 3 oz</th>
<th>Master Pouches of 50 Zoo Packs</th>
<th>Color Packs of 40 Zoo Packs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Otter</td>
<td>630-0020</td>
<td></td>
</tr>
<tr>
<td>Seal</td>
<td>630-0021</td>
<td></td>
</tr>
<tr>
<td>Dolphin</td>
<td>630-0022</td>
<td></td>
</tr>
<tr>
<td>Turtle</td>
<td>630-0023</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Medium Heavy - 3.5 oz</th>
<th>Master Pouches of 50 Zoo Packs</th>
<th>Color Packs of 40 Zoo Packs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chipmunk</td>
<td>630-0030</td>
<td>636-0013</td>
</tr>
<tr>
<td>Rabbit</td>
<td>630-0031</td>
<td>636-0014</td>
</tr>
<tr>
<td>Fox</td>
<td>630-0032</td>
<td>636-0015</td>
</tr>
<tr>
<td>Penguin</td>
<td>630-0033</td>
<td>636-0016</td>
</tr>
<tr>
<td>Monkey</td>
<td>630-0034</td>
<td>636-0017</td>
</tr>
<tr>
<td>Donkey</td>
<td>630-0035</td>
<td></td>
</tr>
<tr>
<td>Llama</td>
<td>630-0036</td>
<td></td>
</tr>
<tr>
<td>Giraffe</td>
<td>630-0037</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Extra Heavy - 6 oz</th>
<th>Master Pouches of 50 Zoo Packs</th>
<th>Color Packs of 40 Zoo Packs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impala</td>
<td>630-0050</td>
<td>636-0125</td>
</tr>
<tr>
<td>Ram</td>
<td>630-0051</td>
<td>636-0126</td>
</tr>
<tr>
<td>Moose</td>
<td>630-0052</td>
<td>636-0127</td>
</tr>
<tr>
<td>Buffalo</td>
<td>630-0053</td>
<td>636-0128</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Light - 8 oz Headgear</th>
<th>Master Pouches of 50 Zoo Packs</th>
<th>Color Packs of 40 Zoo Packs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cougar</td>
<td>635-0058</td>
<td>634-0000</td>
</tr>
<tr>
<td>Leopard</td>
<td>635-0059</td>
<td>634-0001</td>
</tr>
<tr>
<td>Panther</td>
<td>635-0060</td>
<td>634-0002</td>
</tr>
<tr>
<td>Tiger</td>
<td>635-0061</td>
<td>634-0003</td>
</tr>
<tr>
<td>Lion</td>
<td>635-0062</td>
<td>634-0004</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Heavy - 14 oz Headgear</th>
<th>Master Pouches of 50 Zoo Packs</th>
<th>Color Packs of 40 Zoo Packs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walrus</td>
<td>635-0065</td>
<td>634-0012</td>
</tr>
<tr>
<td>Elephant</td>
<td>635-0066</td>
<td></td>
</tr>
<tr>
<td>Whale</td>
<td>635-0067</td>
<td>634-0014</td>
</tr>
</tbody>
</table>

### ZOO PACK DISPENSER

- Convenient, clear plexi rack
- Holds 6 Zoo Pack boxes
- Easily mounts on wall or sits on counter top (Zoo Packs not included)

| Dispenser (Zoo Packs not included) | 630-0000 |
9 Intraoral / Noncompliance

- AdvanSync 2 p. 146
- VectorTAS Temporary Anchorage System p. 148
- Bite Turbos p. 150
- Wick Flat Bow Retainer & Wick Lip Bumper p. 151
- Orthos Lip Bumper p. 152
- Q.C.M. Retainer & Quick Nance p. 153
- Preformed TMA Pendulum Springs & Coil Springs p. 154

Pletcher Springs & Tie Hooks p. 157
Power Pins & Ligature Wires p. 158
Arch Hooks, Stops, Spacers p. 159
Lingual Retainers p. 161
Precision Lingual Hinge Cap p. 162
Lingual Attachments p. 163
Sheaths p. 165
ADVANSYNC™ 2

AdvanSync 2 helps eliminate the need for patient compliance and features a compact design for patient comfort. It offers ideal range of movement for patients in either mixed or permanent dentition.

CLASS II TREATMENT IN CLASS I TIME

- Ability to place simultaneously with initial bonding, synchronizing Class II treatment with therapy may reduce total treatment times
- Provides constant activation
- Improves jaw position immediately

ENGINEERED FOR EFFICIENT CORRECTION

- Electro-polished rods with radiused corners and electro-polished internal sleeves for smooth operation
- Reinforced Spiralock™ threading for improved screw engagement
- Hygienic open-ended cap is designed to help prevent food/debris build-up
- Upper and lower dual hole casing to enable customized activation for treatment versatility
- Large lumens with radiused internal edges designed for more freedom of lateral movement resulting in smoother opening and closing of the mechanism

AOA's expert lab technicians fully customize AdvanSync 2 appliances to each doctor's specific preferences and needs. To place your custom product order, visit aoalab.com or call 800-262-5221.

AdvanSync's arms are a fraction of the size of those in traditional Herbst® appliances, and is designed to sit further back in the mouth for greater patient comfort and reduced visibility.

* Herbst is a registered trademark of Dentaurum Inc.
**REORDER COMPONENTS**

<table>
<thead>
<tr>
<th>Components</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Telescoping Rods — Left</strong></td>
<td>600-4240</td>
</tr>
<tr>
<td><strong>Telescoping Rods — Right</strong></td>
<td>600-4241</td>
</tr>
<tr>
<td>Screws</td>
<td>600-4270</td>
</tr>
</tbody>
</table>

**UPPER FIRST MOLAR CROWNS**

<table>
<thead>
<tr>
<th>Size</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>UL-Size 4</td>
<td>600-4204</td>
</tr>
<tr>
<td>UL-Size 5</td>
<td>600-4205</td>
</tr>
<tr>
<td>UL-Size 6</td>
<td>600-4206</td>
</tr>
<tr>
<td>UL-Size 7</td>
<td>600-4207</td>
</tr>
<tr>
<td>UR-Size 4</td>
<td>600-4214</td>
</tr>
<tr>
<td>UR-Size 5</td>
<td>600-4215</td>
</tr>
<tr>
<td>UR-Size 6</td>
<td>600-4216</td>
</tr>
<tr>
<td>UR-Size 7</td>
<td>600-4217</td>
</tr>
</tbody>
</table>

**LOWER FIRST MOLAR CROWNS**

<table>
<thead>
<tr>
<th>Size</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>LL-Size 4</td>
<td>600-4224</td>
</tr>
<tr>
<td>LL-Size 5</td>
<td>600-4225</td>
</tr>
<tr>
<td>LL-Size 6</td>
<td>600-4226</td>
</tr>
<tr>
<td>LL-Size 7</td>
<td>600-4227</td>
</tr>
<tr>
<td>LR-Size 4</td>
<td>600-4234</td>
</tr>
<tr>
<td>LR-Size 5</td>
<td>600-4235</td>
</tr>
<tr>
<td>LR-Size 6</td>
<td>600-4236</td>
</tr>
<tr>
<td>LR-Size 7</td>
<td>600-4237</td>
</tr>
</tbody>
</table>

**1 mm Spacers** | 600-4271
**2 mm Spacers** | 600-4272
**4 mm Spacers** | 600-4273
**Extenders** | 600-4278
**Hex Key .050 (for screws)** | 600-4290
**Hex Key .094 (for extenders)** | 600-4291
**Instructions** | 070-5672
VectorTAS™

VectorTAS is a coordinated system of miniscrews, attachments and instruments designed to facilitate a wide range of orthodontic movements using simple mechanics.

- Reduce anchorage demand for more control
- Alternative to headgear
- Reduce need for patient compliance
- Increase patient satisfaction

**SIMPLE SYSTEM**

VectorTAS is a complete system that combines user-friendly protocols, products, packaging and mechanics to simplify treatment.

- Simple color-coded atlas guides proper miniscrew selection
- Complete kit for one-stop shopping

**VECTORTAS KIT**

The VectorTAS kit, including the patented VectorTAS Atlas, includes everything you need to treat approximately 10 cases*. Each kit includes:

- Miniscrew assortment
- Driver and tips
- Spring assortment
- Initiators
- Tissue punches
- Typodont
- Technique guide
- Crimpable posts
- Protocol guide

* Results may vary.

<table>
<thead>
<tr>
<th>Size</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>6mm</td>
<td>Facial Surface – Maxillary/mandibular alveolar ridge (mesial to cuspid), mandibular symphysis</td>
</tr>
<tr>
<td>8mm</td>
<td>Facial &amp; Lingual Surfaces – Maxillary/mandibular alveolar ridge (mesial to second molar)</td>
</tr>
<tr>
<td>10mm</td>
<td>Retromolar Area</td>
</tr>
<tr>
<td>12mm</td>
<td>Infrazygomatic Crest</td>
</tr>
<tr>
<td>SCREWS</td>
<td>Code</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>VectorTAS 6mm Mini-Screw</td>
<td>601-0020</td>
</tr>
<tr>
<td>VectorTAS 8mm Mini-Screw</td>
<td>601-0021</td>
</tr>
<tr>
<td>VectorTAS 10mm Mini-Screw</td>
<td>601-0022</td>
</tr>
<tr>
<td>VectorTAS 12mm Mini-Screw</td>
<td>601-0023</td>
</tr>
<tr>
<td>VectorTAS Single Delta 10mm 50g</td>
<td>Spring w/ Swivel (6/pk)</td>
</tr>
<tr>
<td>VectorTAS Single Delta 10mm 150g</td>
<td>Spring w/ Swivel (6/pk)</td>
</tr>
<tr>
<td>VectorTAS Single Delta 10mm 250g</td>
<td>Spring w/ Swivel (6/pk)</td>
</tr>
<tr>
<td>VectorTAS Single Delta 5mm 50g</td>
<td>Spring w/ Swivel (6/pk)</td>
</tr>
<tr>
<td>VectorTAS Single Delta 5mm 150g</td>
<td>Spring w/ Swivel (6/pk)</td>
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<tr>
<td>VectorTAS Single Delta 5mm 250g</td>
<td>Spring w/ Swivel (6/pk)</td>
</tr>
<tr>
<td>VectorTAS Double Delta 5mm 150g</td>
<td>Spring w/ Swivel (6/pk)</td>
</tr>
<tr>
<td>VectorTAS Double Delta 10mm 150g</td>
<td>Spring w/ Swivel (6/pk)</td>
</tr>
<tr>
<td>VectorTAS Double Delta 5mm 250g</td>
<td>Spring w/ Swivel (6/pk)</td>
</tr>
<tr>
<td>VectorTAS Double Delta 5mm 250g</td>
<td>Spring w/ Swivel (6/pk)</td>
</tr>
<tr>
<td>VectorTAS Crimpable Post</td>
<td>601-0040</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>INSTRUMENTS</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>SyriJet Refill Water Vials</td>
<td>601-0015</td>
</tr>
<tr>
<td>VectorTAS Modular Driver w/tips</td>
<td>601-0007</td>
</tr>
<tr>
<td>VectorTAS Driver Tip 40mm</td>
<td>601-0011</td>
</tr>
<tr>
<td>VectorTAS Driver Tip 22mm</td>
<td>601-0012</td>
</tr>
<tr>
<td>VectorTAS Modular Driver Tip</td>
<td>601-0013</td>
</tr>
<tr>
<td>VectorTAS Tissue Punch</td>
<td>601-0003</td>
</tr>
<tr>
<td>VectorTAS Initiator</td>
<td>601-0002</td>
</tr>
</tbody>
</table>
BITE TURBOS

- Bite Turbos can be placed on the lingual of upper or lower anteriors. One to four may be placed.
- Occlusal table is horizontal.
- Easy removal with the ETM Lingual Debonding Plier (Part No. 800-0431).

| Bite Turbos (minimum order of 10) | 350-0000 |

WICK™ FLAT BOW RETAINER

- Preformed to minimize the need for adjustment.
- Flattened lingual surface allows for maximum tooth contact.

<table>
<thead>
<tr>
<th>WICK™ FLAT BOW RETAINER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size 1</td>
</tr>
<tr>
<td>Size 2</td>
</tr>
<tr>
<td>Size 3</td>
</tr>
</tbody>
</table>
# WICK™ LIP BUMPERS

- Hard plastic (polypropylene) bumper design provides surface area to transfer pressure from the lip to the molars, while helps prevent the lips and cheeks from applying pressure to the teeth. In addition, it is designed with anatomical contours to reduce bulk on the incisal and lingual portions of the anterior region, creating a more efficient and comfortable appliance.
- Gingiva-colored plastic results in an appliance that is less noticeable.
- Bayonet bends are designed to function as built-in stops while offering the clinician an easy means of adjustment.
- Flexible wire is designed for patient comfort when used in buccal uprighting of molars.
- Anatomical design is compatible with the popular Vari-Simplex Discipline arch form.
- Graduated sizes and idealized arch form.

## WICK LIP BUMPER

<table>
<thead>
<tr>
<th>Size</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size 1 (74mm)</td>
<td>293-0151</td>
</tr>
<tr>
<td>Size 2 (85mm)</td>
<td>293-0152</td>
</tr>
<tr>
<td>Size 3 (94mm)</td>
<td>293-0153</td>
</tr>
</tbody>
</table>

## WICK LIP BUMPER WITH HOOKS

<table>
<thead>
<tr>
<th>Size</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size 1 (74mm)</td>
<td>293-0161</td>
</tr>
<tr>
<td>Size 2 (85mm)</td>
<td>293-0162</td>
</tr>
<tr>
<td>Size 3 (94mm)</td>
<td>293-0163</td>
</tr>
</tbody>
</table>
ORTHOS LIP BUMPER

- Developed with the Orthos arch form as a template
- Specially designed sizing guide that can be used to measure the distance from the midline to the mesial edge of the lip bumper tube
- Accentuated bayonet bend to provide a positive stop when inserted into the lip bumper tube
- Hook is mesial to the adjustment loop to make adjustment easier
- Translucent pink color

### INDIVIDUAL ORTHOS LIP BUMPERS

<table>
<thead>
<tr>
<th>Size</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>293-0171</td>
</tr>
<tr>
<td>2</td>
<td>293-0172</td>
</tr>
<tr>
<td>3</td>
<td>293-0173</td>
</tr>
<tr>
<td>4</td>
<td>293-0174</td>
</tr>
<tr>
<td>5</td>
<td>293-0175</td>
</tr>
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</table>

Lip Bumper Sizing Guides (10/pk) 760-0044

### SIZING CHART

<table>
<thead>
<tr>
<th>Size</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>39 mm or less</td>
<td>Size 1</td>
</tr>
<tr>
<td>39 mm – 43 mm</td>
<td>Size 2</td>
</tr>
<tr>
<td>43 mm – 46 mm</td>
<td>Size 3</td>
</tr>
<tr>
<td>46 mm – 48 mm</td>
<td>Size 4</td>
</tr>
<tr>
<td>48 mm or more</td>
<td>Size 5</td>
</tr>
</tbody>
</table>
Q.C.M. RETAINER

When your patients’ braces come off, the only thing they want to see is their beautiful smile. The Q.C.M Retainer allows the clinician to offer an aesthetic version of the traditional bow retainer. It is easy to form and deliver, requires no special tools, and will allow you to fulfill your patients’ aesthetic needs through retention. The Q.C.M Retainer comes in three sizes in looped and non-looped configurations.

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PART #</th>
</tr>
</thead>
<tbody>
<tr>
<td>42mm (5/pk)</td>
<td>204-1042</td>
</tr>
<tr>
<td>42mm with Loops (5/pk)</td>
<td>204-1142</td>
</tr>
<tr>
<td>48mm (5/pk)</td>
<td>204-1048</td>
</tr>
<tr>
<td>48 mm with Loops (5/pk)</td>
<td>204-1148</td>
</tr>
<tr>
<td>54mm (5/pk)</td>
<td>204-1054</td>
</tr>
<tr>
<td>54mm with Loops (5/pk)</td>
<td>204-1154</td>
</tr>
</tbody>
</table>

QUICK NANCE

The Quick Nance is a complement to molar distalizing techniques, without the need for an independent laboratory procedure.

<table>
<thead>
<tr>
<th>10/pk</th>
<th>LENGTH</th>
<th>WIDTH</th>
<th>PART #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size 1</td>
<td>22mm</td>
<td>26mm</td>
<td>225-0001</td>
</tr>
<tr>
<td>Size 2</td>
<td>30mm</td>
<td>33mm</td>
<td>225-0002</td>
</tr>
<tr>
<td>Size 3</td>
<td>38mm</td>
<td>40mm</td>
<td>225-0003</td>
</tr>
</tbody>
</table>
PREFORMED TMA™ PENDULUM SPRINGS

The Hilgers Pendulum Appliance can be fabricated with Preformed TMA Pendulum Springs. The .032 TMA is formed into a V-type spring that is angled so the spring arm curves up to the mesial side of the first molar sheath. The helical loop is preformed so the anchorage arm turns up parallel to the midline of the palate.

<table>
<thead>
<tr>
<th>PREFORMED TMA PENDULUM SPRINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro Kit (5 lefts/5 rights)</td>
</tr>
<tr>
<td>Lab Pack (10 lefts)</td>
</tr>
<tr>
<td>Lab Pack (10 rights)</td>
</tr>
<tr>
<td>225-0034</td>
</tr>
<tr>
<td>225-0035</td>
</tr>
<tr>
<td>225-0036</td>
</tr>
</tbody>
</table>

COIL SPRINGS

NI-TI SPRINGS: OPEN-COIL (COMPRESSION)

Cuspid Retraction — The open-coil span is placed between the upper centrals and cuspids. A crimpable stop can be used for cuspid retraction.

Distalizing Molars/Anterior Unraveling — The compression spring is placed mesial to the first molar and a crimpable stop is set to activate the spring.

<table>
<thead>
<tr>
<th>7&quot; LENGTHS</th>
<th>COIL I.D.</th>
<th>PART #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light (3/tube)</td>
<td>.010 x .030</td>
<td>221-5510</td>
</tr>
<tr>
<td>Medium (3/tube)</td>
<td>.012 x .030</td>
<td>221-5512</td>
</tr>
<tr>
<td>Heavy (3/tube)</td>
<td>.014 x .036</td>
<td>221-5514</td>
</tr>
</tbody>
</table>
**NI-TI SPRINGS: CLOSED-COIL (EXTENSION)**

**Cuspid Retraction** — Eyelets are hooked on a free-sliding crimp hook placed mesial to the cuspid or on a Hemi-Hook of the cuspid bracket. If desired, a crimpable stop can be placed on the archwire to control the amount of retraction.

**Distalizing Molars/Anterior Unraveling** — Crimpable sliding hook used as tie-back is placed distal to the lateral incisor. Eyelets are hooked onto the crimp hook and first molar buccal tube hook to activate retraction.

---

**Box of 10 springs with eyelets**

<table>
<thead>
<tr>
<th>LENGTH</th>
<th>FORCE</th>
<th>COIL I.D.</th>
<th>PART #</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 mm</td>
<td>Light</td>
<td>.010 x .030</td>
<td>222-5610</td>
</tr>
<tr>
<td>12 mm</td>
<td>Medium</td>
<td>.010 x .030</td>
<td>222-5612</td>
</tr>
<tr>
<td>9 mm</td>
<td>Heavy</td>
<td>.010 x .030</td>
<td>222-5620</td>
</tr>
</tbody>
</table>

---

**TMA COIL SPRINGS**

---

**CHROME ALLOY COIL SPRINGS**

High-spring properties are ideally suited for orthodontic use. An .030" coil I.D., in two-foot length, packaged in a convenient plastic dispenser.
ALIGN™ NICKEL-TITANIUM COIL SPRINGS

Nickel-titanium springs deliver lower force levels which can help minimize discomfort.

### OPEN COIL SPRINGS (COMPRESSION)

<table>
<thead>
<tr>
<th>Wire Diameter</th>
<th>Coil Diameter</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>.010</td>
<td>.030</td>
<td>704-6047</td>
</tr>
<tr>
<td>.012</td>
<td>.030</td>
<td>704-6049</td>
</tr>
<tr>
<td>.010</td>
<td>.030</td>
<td>704-6052</td>
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<tr>
<td>.011</td>
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<td>704-6055</td>
</tr>
<tr>
<td>.010</td>
<td>.030</td>
<td>704-6024</td>
</tr>
</tbody>
</table>

### CLOSED COIL SPRINGS (EXTENSION)

<table>
<thead>
<tr>
<th>Wire Diameter</th>
<th>Coil Diameter</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>.010</td>
<td>.030</td>
<td>704-6037</td>
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<tr>
<td>.010</td>
<td>.030</td>
<td>704-6036</td>
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<tr>
<td>.010</td>
<td>.030</td>
<td>704-6040</td>
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<td>.010</td>
<td>.030</td>
<td>704-6042</td>
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<tr>
<td>.011</td>
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<td>.030</td>
<td>704-6062</td>
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<td>.011</td>
<td>.030</td>
<td>704-6063</td>
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<tr>
<td>.012</td>
<td>.030</td>
<td>704-6039</td>
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<tr>
<td>.012</td>
<td>.030</td>
<td>704-6041</td>
</tr>
<tr>
<td>.012</td>
<td>.030</td>
<td>704-6043</td>
</tr>
</tbody>
</table>
PLETCHER SPRINGS

Used during retraction stage of treatment for closing space by providing a positive, constant tension. Close-wound spring features coil loop at distal end, 90° to helix. Mesial end has an extended straight length from helix.

<table>
<thead>
<tr>
<th>50/pk</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>.009 x .030</td>
<td>704-6021</td>
</tr>
<tr>
<td>.011 x .030</td>
<td>704-6022</td>
</tr>
</tbody>
</table>

KOBOYASHI READY-TO-USE AUXILIARY TIE HOOKS

Quickly tied in place in the same manner as a standard ligature wire. Made from easily adaptable .012, .014 or .016 ligature wire. Wires are spot-welded together to form a hook; a straight hook can be formed for up or down usage with looped end for patient comfort.

<table>
<thead>
<tr>
<th>100/pk</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>.012</td>
<td>271-0012</td>
</tr>
<tr>
<td>.014</td>
<td>271-0014</td>
</tr>
<tr>
<td>.016</td>
<td>271-0016</td>
</tr>
</tbody>
</table>
**POWER PINS**

Power Pins are ideal for engaging any type of elastomerics. They are designed to be used with either the right or left. Power Pins are used in place of Kobayashi Ties or Bracket Hooks.

<table>
<thead>
<tr>
<th>100/pk</th>
<th>704-6031</th>
</tr>
</thead>
</table>

---

**LIGATURE WIRES**

**PREFORMED LIGATURE WIRES**

Ormco’s Preformed Ligature Wires are made of diamond-drawn chrome-alloy stainless steel and cut to ample length to fit all standard ligature-tying pliers. Consistent, preformed shape ties with minimum effort.

Crimpable sliding hook used as tie-back is placed distal to the lateral incisor. Eyelets are attached onto the crimp hook and first molar buccal tube hook to activate retraction.

<table>
<thead>
<tr>
<th>1,000/pk (3 TUBES)</th>
<th>PART #</th>
</tr>
</thead>
<tbody>
<tr>
<td>.009</td>
<td>270-0009</td>
</tr>
<tr>
<td>.010</td>
<td>270-0010</td>
</tr>
<tr>
<td>.011</td>
<td>270-0011</td>
</tr>
<tr>
<td>.012</td>
<td>270-0012</td>
</tr>
</tbody>
</table>

**TEFLON™-COATED LIGATURE WIRES**

Ormco’s Teflon-coated Ligature Wires provide the strength and security of steel ligatures, yet maintain the aesthetic appeal needed for use with clear brackets. The core wire is .008” stainless steel. The outer diameter, following coating, is .012”.

<table>
<thead>
<tr>
<th>272-0012</th>
<th>100/pk</th>
</tr>
</thead>
</table>

*Teflon is a registered trademark of DuPont*
MINI-TWISTED KOBAYASHI LIGATURES

Ormco's Mini-Twisted Ligatures and Kobayashi Hooks allow for easy archwire ligation. The unique design fits easily over any bracket.

Teflon-coated Kobayashi Hooks provide the strength and security of steel ligatures, yet maintain the aesthetic appeal needed for use with clear brackets.

<table>
<thead>
<tr>
<th>LIGATURE TIES (1,000/pk)</th>
<th>PART #</th>
</tr>
</thead>
<tbody>
<tr>
<td>.010</td>
<td>270-0001</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>KOBAYASHI HOOKS (100/pk)</th>
<th>PART #</th>
</tr>
</thead>
<tbody>
<tr>
<td>.012</td>
<td>271-0000</td>
</tr>
<tr>
<td>.014</td>
<td>271-0001</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOOTH-COLORED KOBAYASHI HOOKS (100/pk)</th>
<th>PART #</th>
</tr>
</thead>
<tbody>
<tr>
<td>.016</td>
<td>271-0006</td>
</tr>
</tbody>
</table>

ARCH HOOKS, STOPS & SPACERS

CRIMPABLE BALL HOOK

When extra retraction is needed on anteriors or the brackets are without attachments and you need a ball hook option. A Crimpable Ball Hook can be placed mesial to the cuspид anywhere on the arch without having to remove or replace the archwire. Just position the hook, then crimp in both the occluso-gingival and mesio-distal directions. The hook stays snug on any size archwire, and its smooth ball and corrosion-resistant stainless steel finish are designed for patient comfort. Use it in place of Kobayashi Hooks or pre-posted archwires.

| Crimpable Ball Hook (50/pk) | 704-9000 |
CRIMPABLE EDGEWISE ARCH HOOKS AND STOP

Crimpable stops or spacers are made of heavy-wall, soft-temper tubing. May be used for sliding spacers or crimped around the archwire for non-sliding hook or stop.

<table>
<thead>
<tr>
<th>Hook - 2MM (minimum order of 10)</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>.018 x .025</td>
<td>663-0218</td>
</tr>
<tr>
<td>.022 x .028</td>
<td>663-0222</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Stop or Spacer - 2MM (minimum order of 10)</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>.018 x .025</td>
<td>624-1825</td>
</tr>
<tr>
<td>.022 x .028</td>
<td>624-2228</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rectangular Tube</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Criss-Cross .022 x .028 (10/pk)</td>
<td>199-0895</td>
</tr>
</tbody>
</table>

WELDABLE ARCH STOP OR SPACER

This weldable stop or spacer is made of thin-wall, medium-hard temper tubing. May be used as a sliding spacer or welded to the archwire for a stop.

<table>
<thead>
<tr>
<th>Stop or Spacer - 1MM</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>.052 (50/pk)</td>
<td>622-0151</td>
</tr>
</tbody>
</table>
LINGUAL RETAINERS

BONDABLE LINGUAL RETAINER

Fabricated in an arch form designed for minimal adaptation, this retainer may be placed prior to appliance removal while the case is bonded or after bond removal. A measuring template is provided to assist in selecting the proper size.

Seven sizes of 3 x 3 retainers provide the necessary range for fitting of the retainer to the patient. The retainer may be fitted to a model or in some cases directly to the patient.

<table>
<thead>
<tr>
<th>Size 0</th>
<th>204-0010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size 1</td>
<td>204-0011</td>
</tr>
<tr>
<td>Size 2</td>
<td>204-0012</td>
</tr>
<tr>
<td>Size 3</td>
<td>204-0013</td>
</tr>
<tr>
<td>Size 4</td>
<td>204-0014</td>
</tr>
<tr>
<td>Size 5</td>
<td>204-0015</td>
</tr>
<tr>
<td>Size 6</td>
<td>204-0016</td>
</tr>
</tbody>
</table>

ADJUSTABLE LINGUAL RETAINER

Can be fabricated to fit any size arch. The adjustable pad with sliding solder ring allows effortless placement and soldering to any length required.

DEAD SOFT RESPOND™ WIRE

Ideal for fixed lower lingual retainers.

**7" STRAIGHT LENGTHS (10/pk)** | **PART #**
---|---
.0175 | 264-1170
.0195 | 264-1190
LOW PROFILE, SMOOTH CONTOUR

The Precision Lingual Hinge Cap is designed to minimize the difficulty of lingual wire insertion and removal. A secure lock over the wire is achieved without the double-back bend required in many applications with traditional sheaths.

The Precision Lingual Hinge Cap is designed to accommodate up to .032 x .032 (square) and .032 (round) wires. Designed with built-in torque, in both uppers and lowers, makes it an equally appropriate choice for both passive and active lingual arch applications.

<table>
<thead>
<tr>
<th>TUBE OF THREE 7’ LENGTHS</th>
<th>TORQUE</th>
<th>PART #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper First Molar (Left/Right)</td>
<td>+12°</td>
<td>134-0005</td>
</tr>
<tr>
<td>Lower First Molar (Left/Right)</td>
<td>-6°</td>
<td>134-0015</td>
</tr>
</tbody>
</table>

LINGUAL HINGE CAP OPENING TOOL*

The Lingual Hinge Cap Opening Tool is to be used with the hinge cap molar attachments. It is designed to exert the adequate leveraged force to open the Precision Lingual Hinge Cap.

<table>
<thead>
<tr>
<th>PART #</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>802-1001</td>
<td></td>
</tr>
</tbody>
</table>

*Also used for opening Alias Lingual Brackets (see Section 1)
## LINGUAL ATTACHMENTS

### EASY-THREADING EYELETS
Designed for patient comfort. Packaged in convenient strip form. Minimum order of 100 loose or 10 direct bond pads.

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat – Loose or Prewelded</td>
<td>612-0001</td>
</tr>
<tr>
<td>Flat – Direct Bond Pad</td>
<td>300-0091</td>
</tr>
<tr>
<td>Curved – Direct Bond Pad</td>
<td>300-0090</td>
</tr>
</tbody>
</table>

### CONTOURED LINGUAL SEATING LUGS
Cuspid and bicuspid lugs are contoured for easy welding. Minimum order of 100.

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anterior</td>
<td>615-0101</td>
</tr>
<tr>
<td>Cuspid &amp; Bicuspid</td>
<td>615-0201</td>
</tr>
</tbody>
</table>

### MOLAR SEATING LUGS
Designed for molars and patient comfort. Two lugs per band. Minimum order of 100.

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Molar Seating Lugs</td>
<td>615-0301</td>
</tr>
</tbody>
</table>

### LINGUAL BUTTONS
Integral one-piece construction with a curved design and rounded contours designed for patient comfort. Minimum order of 10.

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat – Loose or Prewelded</td>
<td>610-0001</td>
</tr>
<tr>
<td>Curved – Loose or Prewelded</td>
<td>610-0002</td>
</tr>
<tr>
<td>Molar – Loose or Prewelded</td>
<td>610-0003</td>
</tr>
<tr>
<td>Flat – Direct Bond Pad</td>
<td>300-0097</td>
</tr>
<tr>
<td>Curved – Direct Bond Pad</td>
<td>300-0096</td>
</tr>
<tr>
<td>Plastic Button – Loose</td>
<td>610-0010</td>
</tr>
</tbody>
</table>

### LINGUAL BALL HOOK
Unique bayonet offset with precision ball on end. Available prewelded to the band of your choice. Specify mesial or distal placement.

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/pk</td>
<td>613-0015</td>
</tr>
</tbody>
</table>

---

**ORMCO** | **Your practice. Our priority.**

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**INTRAORAL / NONCOMPLIANCE**

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**SECTION 09**

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**page 163**
**AUXILIARY HOOK (FOR ELASTICS)**

Provided with handle for easy welding and rounded corners for patient comfort. Minimum order of 10.

![Auxiliary Hook](image)

**FLAT WIRE BALL HOOK**

A buccal or lingual elastic hook. Minimum order of 10.

![Flat Wire Ball Hook](image)

**VERSATILE PRECISION CLEATS**

Precision quality assures uniform size, shape and wing length. Versatile design provides for use of either one or both wings. May be flattened against tooth for patient comfort when not in use.

Molar cleat is larger and thicker for more weld security. Minimum order of 100 loose or 10 direct bond pads.

![Versatile Precision Cleat](image)

**ELASTILUGS**

Elastilugs combine a lingual hook with a seating lug. For use on anteriors, cuspids, bicuspids and molars. The long oval lingual hook helps prevent elastics from slipping off and the base is contoured for easy welding. Minimum order of 100 loose or 10 direct bond pads.

![Elastilug](image)

<table>
<thead>
<tr>
<th>10/pk</th>
<th>PART #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Curved – Loose or Prewelded</td>
<td>614-0001</td>
</tr>
<tr>
<td>Flat – Loose or Prewelded</td>
<td>614-0022</td>
</tr>
<tr>
<td>Curved – Direct Bond Pads</td>
<td>300-0094</td>
</tr>
</tbody>
</table>

**BALL RETAINER CLASPS**

Tempered Stainless Steel Alloy Wire with an integral solid ball at one end, double the diameter of the wire. Ball Retainer Clasps can help resolve contouring or retention difficulties in retainers.

![Ball Retainer Clasp](image)

<table>
<thead>
<tr>
<th>10/pk</th>
<th>PART #</th>
</tr>
</thead>
<tbody>
<tr>
<td>.028 Wire with .7 mm Ball</td>
<td>242-0028</td>
</tr>
<tr>
<td>.032 Wire with .8 mm Ball</td>
<td>242-0032</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>10/pk</th>
<th>PART #</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.9 mm Molar – Loose or Prewelded</td>
<td>613-0010</td>
</tr>
<tr>
<td>5 mm Bicuspid – Loose or Prewelded</td>
<td>613-0012</td>
</tr>
<tr>
<td>5 mm Bicuspid – Direct Bond Pads</td>
<td>300-0092</td>
</tr>
</tbody>
</table>
**LINGUAL BUTTONS**

The direct bond button has a low profile and may be bonded to either lingual or buccal tooth surfaces. The specially designed foil mesh ensures bonding reliability and the small design helps enable bonding on partially erupted teeth.

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**LINGUAL CLEATS**

---

**SHEATHS**

---

**MESIAL OFFSET SHEATHS**

Ormco’s Mesial Offset Sheath was specifically designed for patient comfort and ease of use. The 6° mesial offset assists in insertion and removal of transpalatal bars.

---

**HORIZONTAL LINGUAL SHEATHS**

With window and locking indent. Locking indent stabilizes archwire position and holds the wire firmly in place. Minimum order of 10.

---

### FLAT (FOR UPPER AND LOWER CUSPIDS AND LOWER 2ND BICUSPIDS)

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>704-4015</td>
<td>Direct Bond Foil Mesh (25/pk)</td>
</tr>
</tbody>
</table>

### CURVED (FOR UPPER 1ST AND 2ND BICUSPIDS, LOWER 1ST BICUSPID AND ALL MOLARS)

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>704-4016</td>
<td>Direct Bond Foil Mesh (25/pk)</td>
</tr>
<tr>
<td>704-4026</td>
<td>Loose Weldable (100/pk)</td>
</tr>
</tbody>
</table>

### FOR DOUBLED WIRE

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>672-3060</td>
<td>.030 Round</td>
</tr>
<tr>
<td>672-3672</td>
<td>.036 Round</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>672-3672</td>
<td>.036 Round UL/LL</td>
</tr>
<tr>
<td>674-3672</td>
<td>.036 Round UR/LL</td>
</tr>
</tbody>
</table>
**BURSTONE PRECISION LINGUAL BRACKET**

Minimum order of 10.

<table>
<thead>
<tr>
<th>FOR .032 X .032 ARCHES</th>
<th>PART #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper +12° torque</td>
<td>134-0001</td>
</tr>
<tr>
<td>Lower -6° torque</td>
<td>134-0010</td>
</tr>
</tbody>
</table>

**SHEATH WITH WINDOW**

One-piece cast lingual sheaths have a short base mesio-distally for adaptation to either first or second molar bands. Low profile, rounded contours for patient comfort; integral, cast and maleable hook. Fits both lefts or rights.

<table>
<thead>
<tr>
<th>25/PK</th>
<th>PART #</th>
</tr>
</thead>
<tbody>
<tr>
<td>.036 with Hooks</td>
<td>704-4012</td>
</tr>
</tbody>
</table>

**SHEATH INSERT**

Designed to reduce irritation when lingual arch is not in use.

<table>
<thead>
<tr>
<th>40/PK</th>
<th>PART #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radiopaque</td>
<td>672-3000</td>
</tr>
</tbody>
</table>

**VERTICAL LINGUAL SHEATHS**

Use with all lingual attachments that have vertical insertion tabs. Designed for patient comfort, this one-piece cast sheath adapts easily to either first or second molar bands. Fits both lefts and rights.

<table>
<thead>
<tr>
<th>25/PK</th>
<th>PART #</th>
</tr>
</thead>
<tbody>
<tr>
<td>.036</td>
<td>704-4001</td>
</tr>
</tbody>
</table>

**LINGUAL SHEATHS**

Minimum order of 10.

<table>
<thead>
<tr>
<th>WITH SHORT 2.2 MM BALL HOOK</th>
<th>PART #</th>
</tr>
</thead>
<tbody>
<tr>
<td>.036 Sheath UL/LR, Disto-gingival</td>
<td>676-3671</td>
</tr>
<tr>
<td>.036 Sheath UR/LL, Disto-gingival</td>
<td>675-3671</td>
</tr>
<tr>
<td>.036 Sheath UL/LR, Mesio-gingival</td>
<td>676-3673</td>
</tr>
<tr>
<td>.036 Sheath UR/LL, Mesio-gingival</td>
<td>675-3673</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WITH 3.2 MM BALL HOOK</th>
<th>PART #</th>
</tr>
</thead>
<tbody>
<tr>
<td>.036 Round UL/LR, Disto-gingival</td>
<td>676-3672</td>
</tr>
<tr>
<td>.036 Round UR/LL, Disto-gingival</td>
<td>675-3672</td>
</tr>
</tbody>
</table>
10 Extraoral Appliances

Adjustable Dynamic & Asian Profile Protraction Facemasks  p. 168
Bright-Gear  p. 169

SR, SRX & A+ Facebows  p. 170
AD PROTRACTION FACEMASK

Developed by Dr. Fernando Morales, the AD (Adjustable Dynamic) Protraction Facemask is designed with patient compliance in mind. The AD Protraction Facemask provides dynamic movement in the forehead rest while allowing the chin cup to slide vertically along the main frame. This means ease of movement while sleeping, talking, or anytime the jaw is moving.

Move the skeletal Class III maxilla forward while stabilizing or retracting the mandible can also be used to close and correct negative overjet.Ormco’s Whale or Walrus elastics are recommended with the AD Facemask.

- Easily adjusted
- Comfortably worn
- Replaceable pads

### AD PROTRACTION FACEMASK

<table>
<thead>
<tr>
<th>Component</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue Facemask</td>
<td>716-0001</td>
</tr>
<tr>
<td>Lavender Facemask</td>
<td>716-0002</td>
</tr>
<tr>
<td>Chin and forehead - Replacement Pads (3/pk)</td>
<td>716-0003</td>
</tr>
<tr>
<td>Hex Key</td>
<td>716-0004</td>
</tr>
</tbody>
</table>

### ASIAN PROFILE PROTRACTION FACEMASK

<table>
<thead>
<tr>
<th>Component</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue Facemask</td>
<td>716-0011</td>
</tr>
<tr>
<td>Lavender Facemask</td>
<td>716-0012</td>
</tr>
<tr>
<td>Replacement Pads (3/pk)</td>
<td>716-0005</td>
</tr>
<tr>
<td>Hex Key</td>
<td>716-0004</td>
</tr>
</tbody>
</table>
BRIGHT-GEAR

BREAK-AWAY RELEASE MODULES

<table>
<thead>
<tr>
<th>10/pk</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medium (white)</td>
<td>715-1020</td>
</tr>
<tr>
<td>Heavy (gray)</td>
<td>715-1021</td>
</tr>
<tr>
<td>C-Type - Medium (white)</td>
<td>715-2020</td>
</tr>
<tr>
<td>C-Type - Heavy (gray)</td>
<td>715-2021</td>
</tr>
</tbody>
</table>

HIGH-PULL STRAPS

<table>
<thead>
<tr>
<th>10/pk</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>715-1011</td>
</tr>
<tr>
<td>Pink</td>
<td>715-1012</td>
</tr>
<tr>
<td>Yellow</td>
<td>715-1013</td>
</tr>
</tbody>
</table>

Complete High-Pull Headgear Kit 715-1010
Black Strap
Medium Force Release Modules (2/pk)

CERVICAL NECK PADS

<table>
<thead>
<tr>
<th>10/pk</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Demin</td>
<td>715-1001</td>
<td>Blue</td>
</tr>
<tr>
<td>Pink</td>
<td>715-1002</td>
<td>Green</td>
</tr>
<tr>
<td>Yellow</td>
<td>715-1003</td>
<td>Black</td>
</tr>
</tbody>
</table>

SAMPLE PACK 715-1009
5 cervical neck pads in blue, black, denim, green, and pink

Complete Cervical Headgear Kit 715-1000
Denim Pad
Medium Force Release Modules (2/pk)

COLORED FACEBOW (.45 dimension only)

<table>
<thead>
<tr>
<th>inner arch</th>
<th>style</th>
<th>pink</th>
<th>yellow</th>
<th>orange</th>
<th>black</th>
<th>white</th>
</tr>
</thead>
</table>
| SHORT OUTER BOW WITH HORIZONTAL HOOKS
Size 3      | Omega Loops| 200-0323 | 200-0423 | 200-0523 | 200-0623 | 200-0723 |
Size 4      | Omega Loops| 200-0324 | 200-0424 | 200-0524 | 200-0624 | 200-0724 |
Large       | Plain     | 200-0328 | 200-0428 | 200-0528 | 200-0628 | 200-0728 |

SHORT OUTER BOW WITH HORIZONTAL HOOKS
Size 3      | Omega Loops| 200-0343 | 200-0443 | 200-0543 | 200-0643 | 200-0743 |
Size 4      | Omega Loops| 200-0344 | 200-0444 | 200-0544 | 200-0644 | 200-0744 |
A+ FACEBOW

<table>
<thead>
<tr>
<th>inner bow</th>
<th>outer bow</th>
<th>.045</th>
</tr>
</thead>
<tbody>
<tr>
<td>STANDARD STYLE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Long</td>
<td>Regular</td>
<td>617-1002</td>
</tr>
<tr>
<td>Medium</td>
<td>Regular</td>
<td>617-1004</td>
</tr>
<tr>
<td>Medium-Short</td>
<td>Regular</td>
<td>617-1003</td>
</tr>
<tr>
<td>Short</td>
<td>Regular</td>
<td>617-1001</td>
</tr>
<tr>
<td>Medium</td>
<td>Short</td>
<td>617-1013</td>
</tr>
<tr>
<td>Medium-Short</td>
<td>Short</td>
<td>617-1012</td>
</tr>
<tr>
<td>Short</td>
<td>Short</td>
<td>617-1015</td>
</tr>
<tr>
<td>Medium</td>
<td>Super-Short</td>
<td>617-1008</td>
</tr>
<tr>
<td>Medium-Short</td>
<td>Super-Short</td>
<td>617-1010</td>
</tr>
<tr>
<td>Short</td>
<td>Super-Short</td>
<td>617-1009</td>
</tr>
<tr>
<td>Straight-Universal</td>
<td>Regular</td>
<td>617-1006</td>
</tr>
<tr>
<td>Straight-Universal</td>
<td>Short</td>
<td>617-1000</td>
</tr>
<tr>
<td>Straight-Universal</td>
<td>Super-Short</td>
<td>617-1011</td>
</tr>
</tbody>
</table>

SRX FACEBOW

- Expanded outer bow
- Stainless steel
- Tubing reinforced outer bow

<table>
<thead>
<tr>
<th>inner arch</th>
<th>style</th>
<th>.045</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHORT OUTER BOW WITH HORIZONTAL HOOKS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Size 3</td>
<td>Omega Loops</td>
<td>200-1223</td>
</tr>
<tr>
<td>Size 4</td>
<td>Omega Loops</td>
<td>200-1224</td>
</tr>
<tr>
<td>Large</td>
<td>Plain</td>
<td>200-1228</td>
</tr>
</tbody>
</table>

MINI-SHORT OUTER BOW WITH HORIZONTAL HOOKS

| Size 3 | Omega Loops | 200-1243 |
| Size 4 | Omega Loops | 200-1244 |
## SR FACEBOW

### LONG OUTER BOW WITH HORIZONTAL HOOKS

<table>
<thead>
<tr>
<th>Size</th>
<th>Style</th>
<th>.045</th>
<th>.051</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size 1</td>
<td>Omega Loops</td>
<td>200-0201</td>
<td></td>
</tr>
<tr>
<td>Size 2</td>
<td>Omega Loops</td>
<td>200-0202</td>
<td></td>
</tr>
<tr>
<td>Size 3</td>
<td>Omega Loops</td>
<td>200-0203</td>
<td></td>
</tr>
<tr>
<td>Size 4</td>
<td>Omega Loops</td>
<td>200-0204</td>
<td></td>
</tr>
<tr>
<td>Size 5</td>
<td>Omega Loops</td>
<td>200-0205</td>
<td></td>
</tr>
<tr>
<td>Large</td>
<td>Plain</td>
<td>200-0208</td>
<td>200-0218</td>
</tr>
</tbody>
</table>

### SHORT OUTER BOW WITH HORIZONTAL HOOKS

<table>
<thead>
<tr>
<th>Size</th>
<th>Style</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Size 1</td>
<td>Omega Loops</td>
<td>200-0221</td>
<td></td>
</tr>
<tr>
<td>Size 2</td>
<td>Omega Loops</td>
<td>200-0222</td>
<td>200-0232</td>
</tr>
<tr>
<td>Size 3</td>
<td>Omega Loops</td>
<td>200-0223</td>
<td>200-0233</td>
</tr>
<tr>
<td>Size 4</td>
<td>Omega Loops</td>
<td>200-0224</td>
<td>200-0234</td>
</tr>
<tr>
<td>Size 5</td>
<td>Omega Loops</td>
<td>200-0225</td>
<td></td>
</tr>
<tr>
<td>Small</td>
<td>Plain</td>
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<td></td>
</tr>
<tr>
<td>Large</td>
<td>Plain</td>
<td>200-0228</td>
<td>200-0238</td>
</tr>
</tbody>
</table>

### MINI-SHORT OUTER BOW WITH HORIZONTAL HOOKS

<table>
<thead>
<tr>
<th>Size</th>
<th>Style</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Size 1</td>
<td>Omega Loops</td>
<td>200-0241</td>
<td></td>
</tr>
<tr>
<td>Size 2</td>
<td>Omega Loops</td>
<td>200-0242</td>
<td>200-0252</td>
</tr>
<tr>
<td>Size 3</td>
<td>Omega Loops</td>
<td>200-0243</td>
<td>200-0253</td>
</tr>
<tr>
<td>Size 4</td>
<td>Omega Loops</td>
<td>200-0244</td>
<td>200-0254</td>
</tr>
<tr>
<td>Size 5</td>
<td>Omega Loops</td>
<td>200-0245</td>
<td>200-0255</td>
</tr>
</tbody>
</table>

### SUPER-SHORT OUTER BOW WITH HORIZONTAL HOOKS

<table>
<thead>
<tr>
<th>Size</th>
<th>Style</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Size 2</td>
<td>Omega Loops</td>
<td>200-0262</td>
</tr>
<tr>
<td>Size 3</td>
<td>Omega Loops</td>
<td>200-0263</td>
</tr>
<tr>
<td>Size 4</td>
<td>Omega Loops</td>
<td>200-0264</td>
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<tr>
<td>Size 5</td>
<td>Omega Loops</td>
<td>200-0265</td>
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<tr>
<td>Small</td>
<td>Plain</td>
<td>200-0267</td>
</tr>
<tr>
<td>Large</td>
<td>Plain</td>
<td>200-0268</td>
</tr>
</tbody>
</table>
## Supplies

<table>
<thead>
<tr>
<th>Item</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basis Alginate</td>
<td>174</td>
</tr>
<tr>
<td>Bright Trays and Bracket Organizers</td>
<td>175</td>
</tr>
<tr>
<td>SportsGuard, Toothbrushes</td>
<td>176</td>
</tr>
<tr>
<td>SmoothEase, Straight Electrode, Ball Electrode, Cross-Elastic Electrode, Notched Electrode</td>
<td>177</td>
</tr>
<tr>
<td>Articulator and Supplies, Utility Wax, Silver Solder</td>
<td>178</td>
</tr>
<tr>
<td>Cephalometric Protractor/Tracing Template, Patient Hand Mirror, OptiView</td>
<td>179</td>
</tr>
</tbody>
</table>
**BASIS™**

**DUST-FREE ALGINATE IMPRESSION MATERIAL**

Basis is an easy-to-mix, fast-set, dust-free alginate impression material that produces detailed impressions. Available in a fresh cinnamon flavor.

<table>
<thead>
<tr>
<th>Basis Cinnamon Alginate (6lb Pack)</th>
<th>776-2101</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 – 1 lb foil bags</td>
<td></td>
</tr>
<tr>
<td>1 water measuring vial</td>
<td>776-2107</td>
</tr>
<tr>
<td>1 powder measuring scoop</td>
<td>776-2106</td>
</tr>
<tr>
<td>1 canister</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Basis Cinnamon Alginate (25lb Pack)</th>
<th>776-2102</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 – 1 lb foil bags</td>
<td></td>
</tr>
<tr>
<td>1 water measuring vial</td>
<td></td>
</tr>
<tr>
<td>1 powder measuring scoop</td>
<td></td>
</tr>
<tr>
<td>1 canister</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Basis Unflavored Alginate (6lb Pack)</th>
<th>776-2103</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 – 1 lb foil bags</td>
<td></td>
</tr>
<tr>
<td>1 water measuring vial</td>
<td></td>
</tr>
<tr>
<td>1 powder measuring scoop</td>
<td></td>
</tr>
<tr>
<td>1 canister</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Basis Unflavored Alginate (6lb Pack)</th>
<th>776-2104</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 – 1 lb foil bags</td>
<td></td>
</tr>
<tr>
<td>1 water measuring vial</td>
<td></td>
</tr>
<tr>
<td>1 powder measuring scoop</td>
<td></td>
</tr>
<tr>
<td>1 canister</td>
<td></td>
</tr>
</tbody>
</table>
BRIGHT TRAYS

DISPOSABLE PLASTIC IMPRESSION TRAYS

- Designed specifically for single use
- Provide new unused trays for a quality impression every time
- Four sizes available
- Smooth contours
- Great alginate retention due to tray perforations and Rim Lock design
- No adhesives required
- Color coordinated by size for easy use

<table>
<thead>
<tr>
<th>UPPER</th>
<th>LOWER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size 10  - Purple (20/pk)</td>
<td>Size 10  - Purple (20/pk)</td>
</tr>
<tr>
<td>Size 12  - Pink (20/pk)</td>
<td>Size 12  - Pink (20/pk)</td>
</tr>
<tr>
<td>Size 14  - Blue (20/pk)</td>
<td>Size 14  - Blue (20/pk)</td>
</tr>
<tr>
<td>Size 16  - Green (20/pk)</td>
<td>Size 16  - Green (20/pk)</td>
</tr>
<tr>
<td>714-0041</td>
<td>714-0051</td>
</tr>
<tr>
<td>714-0042</td>
<td>714-0052</td>
</tr>
<tr>
<td>714-0043</td>
<td>714-0053</td>
</tr>
<tr>
<td>714-0044</td>
<td>714-0054</td>
</tr>
</tbody>
</table>

Ormco’s QUAD Delivery System makes inventory management and case setup easy.

- Compact and portable for easy transportation from chair to chair
- Holds up to 50 cases of product
- Furnished with identification stickers to easily label box contents
- Product compatible with the Damon System, Accent Mini Buccal Tubes, SnapLink Tubes, SL Buccal Tubes, Titanium Tubes, ICE, STb and Damon 7

<table>
<thead>
<tr>
<th>QUAD™ BOX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quad Box</td>
</tr>
<tr>
<td>070-0160</td>
</tr>
<tr>
<td>ORGANIZERS</td>
</tr>
<tr>
<td>Band box with built in tray</td>
</tr>
<tr>
<td>070-0740</td>
</tr>
<tr>
<td>Quad Bracket Set up Tray (20/pk)</td>
</tr>
<tr>
<td>740-0297</td>
</tr>
<tr>
<td>Slide cap box</td>
</tr>
<tr>
<td>070-1009</td>
</tr>
<tr>
<td>Disposable Set up Tray (40/pk)</td>
</tr>
<tr>
<td>740-0076</td>
</tr>
</tbody>
</table>
SPORTSGUARD

Protection With a Customizable Fit

**Better Fit** - SportsGuard’s unique material achieves a fit as accurate as a dental impression, even when orthodontic appliances are in place. If a patient is receiving orthodontic treatment, SportsGuard can be refitted several times as tooth movement occurs.

**Better Function** - SportsGuard’s dual-component design uniquely absorbs and dissipates blows to the mouth. Each SportsGuard is individually packaged.

<table>
<thead>
<tr>
<th>Translucent &quot;Ice Blue&quot; (10 Pack)</th>
<th>710-0151</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid Black (10 Pack)</td>
<td>710-0152</td>
</tr>
</tbody>
</table>

TOOTHBRUSHES

TRAVEL TOOTHBRUSHES

Designed for the orthodontic patient’s use away from home. Ideally suited for carrying in pocket or purse. Bristle portion fits into handle, maintaining sanitary condition for continued use. Available in assorted colors – red, pink, blue, yellow and green.

| 50/pk                           | 711-0009 |
SMOOTHEASE™

SILICONE RELIEF STRIPS

A new alternative to conventional braces wax, SmoothEase Silicone Relief Strips are made from a silicone material that provides patient comfort and reduces soft-tissue irritation. Softer and smoother than wax, SmoothEase mechanically locks around brackets for long-lasting and comfortable wear. SmoothEase removes easily in one piece for less mess and to help reduce ingestion. Each patient pack contains three silicone relief strips, clear usage instructions and a small mirror for fast and easy application.

<table>
<thead>
<tr>
<th>40/pk</th>
<th>757-0010</th>
</tr>
</thead>
</table>

PATIENT WAX

(Not Shown) Individually packaged. 757-0001

<table>
<thead>
<tr>
<th>STRAIGHT ELECTRODE</th>
<th>BALL ELECTRODE</th>
<th>CROSS-ELASTIC ELECTRODE</th>
<th>NOTCHED ELECTRODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stops and tiebacks</td>
<td>Lingual arches</td>
<td>Attach to bands for cross-elastic wearing</td>
<td>Stops and tiebacks</td>
</tr>
<tr>
<td>Elastic hooks</td>
<td>Reinforcing wires on models</td>
<td>Ball at end to reduce tissue irritation</td>
<td>Elastic hooks</td>
</tr>
<tr>
<td>Combination of up and down hooks with headgear or Class II or Class III elastic hooks</td>
<td>Attachment of auxiliaries</td>
<td></td>
<td>Headgear hooks</td>
</tr>
<tr>
<td></td>
<td>Elastic hooks to bands</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Reinforcing lingual surface of anterior bands</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>.032 brass wire</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>STRAIGHT ELECTRODE</th>
<th>BALL ELECTRODE</th>
<th>CROSS-ELASTIC ELECTRODE</th>
<th>NOTCHED ELECTRODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>.025 Brass Wire</td>
<td>.028 Brass Wire</td>
<td>.025 Brass Wire</td>
<td>Small</td>
</tr>
<tr>
<td>758-0025</td>
<td>758-0028</td>
<td>758-0125</td>
<td>758-0232</td>
</tr>
<tr>
<td>.028 Brass Wire</td>
<td>.028 Brass Wire</td>
<td>.028 Brass Wire</td>
<td>Medium</td>
</tr>
<tr>
<td>758-0028</td>
<td>758-0128</td>
<td>758-0233</td>
<td>758-0233</td>
</tr>
<tr>
<td>.032 Brass Wire</td>
<td>.032 Brass Wire</td>
<td>.032 Brass Wire</td>
<td>Large</td>
</tr>
<tr>
<td>758-0032</td>
<td>758-0132</td>
<td>758-0234</td>
<td>758-0234</td>
</tr>
</tbody>
</table>
ARTICULATOR AND SUPPLIES

Compact yet fully functional articulator, wax forms and metal or acrylic typodont teeth offer the orthodontic student an improved educational aid. Typodonts can be banded or bonded.

### WAX FORMS

<table>
<thead>
<tr>
<th>Class</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>I, Crowded</td>
<td>709-0012</td>
</tr>
<tr>
<td>II, Division 1</td>
<td>709-0013</td>
</tr>
<tr>
<td>II, Division 2</td>
<td>709-0014</td>
</tr>
<tr>
<td>III</td>
<td>709-0010</td>
</tr>
</tbody>
</table>

### ARTICULATOR

Articulator 709-0007

Plastic Teeth 709-0008

Metal Teeth 709-0016

### UTILITY WAX

(Not shown) Conveniently packaged in a 1 lb box.

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utility Wax</td>
<td>757-0004</td>
</tr>
</tbody>
</table>

### SILVER SOLDER

Silver solder offers excellent flow for easy working. The high silver content has been formulated for orthodontic chrome alloy use and is cadmium-free. Packaged in 1 dwt plastic container.

<table>
<thead>
<tr>
<th>Size</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>.015 Wire</td>
<td>759-0015</td>
</tr>
<tr>
<td>.025 Wire</td>
<td>759-0025</td>
</tr>
</tbody>
</table>
CEPHALOMETRIC PROTRACTOR/TRACING TEMPLATE

A transparent calibrated metric scale from center-zero index to 150 mm, a 180° protractor with a pivoting straight edge, and cutout tooth symbols for tracing directly over cephalometric X-ray film.

| Cephalometric Protractor/Tracing Template | 760-0000 |

PATIENT HAND MIRROR

Patient mirror for treatment room use. Glass measures 3½" in diameter. Patient can hold mirror while receiving instruction.

| Patient Hand Mirror | 714-0000 |

OPTIVIEW™

LIP AND CHEEK RETRACTOR

OptiView is a progressive retractor that provides uniform lip and cheek retraction for improved intra-oral access. Designed to conform to the natural anatomy of the mouth, OptiView minimizes tension, providing continued comfort throughout lengthy procedures.

Suitable for uses in the following applications:
- Diagnostics
- Preventive and therapeutic dental and orthodontic procedures
- Intra-oral photography
- Tooth preparation
- Impression taking
- Prophylaxis
- Bleaching
- Occlusal analysis

Optimal retraction without additional hands or instruments.

- Anatomically shaped maxillary and mandibular lip cradles provide access to the buccal and gingival areas
- Lip cradles include an opening for the frenulum to provide greater comfort
- Cushioned lip supports position the lips an ample distance away from anterior teeth and gums
- Made without natural rubber latex and autoclavable
- Autoclavable lip cushions can be removed from the frame to facilitate cleaning

| OptiView Standard Kit | 716-0050 |
| Contains: Two lip and cheek retractors w/ mounted cushions |

| OptiView Small Kit | 716-0051 |
| Contains: Two lip and cheek retractors w/ mounted cushions |

| OptiView Refill Cushions (10/pk) | 716-0052 |
### 12 Practice Development

**DOCTOR EDUCATION**

- Books & DVDs  
  p. 182

**PATIENT EDUCATION/MARKETING**

- Passive Self-Ligation — Metal & Clear  
  p. 183
- Digital Orthodontics  
  p. 184
- Aesthetic Appliances  
  p. 185
- Metal Twin Appliances  
  p. 186
- Intraoral Appliances  
  p. 186
DOCTOR EDUCATION

BOOKS & DVDS

DAMON TREATMENT PROTOCOL BOOKLET
Suggested Damon System treatment protocols are provided for the following cases: Class I Deep Bite, Class II Open Bite, Mild Class II (Div 2 End-On and Mild Class II Deep Bite), Class III Open Bite and Deep Bite, Four Bicuspid Extraction (Open Bite and Deep Bite) and Posterior Cross Bite. 18 pages, 2010.

VECTORTAS WORKBOOK
Providing a detailed overview of the VectorTAS System, this workbook illustrates placement and treatment techniques for 9 cases - gummy smile correction, bi-maxillary dental protraction with TADs and aligners, space closure by anterior retraction or molar protraction, closure of anterior open bite, maxillary occlusal cant, molar intrusion, canine impaction/ankylosis and molar up-righting. Marketing tips, including a patient consultation script and sample referring dentist letter, are included to support practice growth. 56 pages, 2011.

DAMON SYSTEM CASE STUDIES, VOLUME ONE
Drs. Stuart Frost, Mike Mayhew and Ramon Perera
Detailed case studies are provided for the following Damon System cases: Class I Bi-maxillary Protrusion, Class I End-to-End Molar, Class I Narrow Arch, Class II Deep Bite, Class II Cleft Lip & Palate and Class I and Class III Anterior Crossbite. Each case includes a pretreatment diagnosis, treatment plan, step-by-step treatment sequence, case discussion and wire sequence chart. 61 pages, 2011.

VECTORTAS DEMONSTRATION DVD
This DVD demonstrates how VectorTAS can be used in even the simplest of cases to reduce treatment time and enhance smile aesthetics. Placement procedures, doctor testimonials and patient testimonials are included. 2009.
## PATIENT EDUCATION/ MARKETING

### PASSIVE SELF-LIGATION – METAL & CLEAR

**Damon System - Passive Self-Ligation**

<table>
<thead>
<tr>
<th>CONSULTATION TYPODONTS &amp; MODELS</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Damon Q Consultation Typodont</td>
<td>717-0114</td>
</tr>
<tr>
<td>Damon Q Consultation Model (with stand, opening tool, wire bar &amp; elastomeric)</td>
<td>717-0124</td>
</tr>
<tr>
<td>Damon Clear (U), Damon Q (L) Consultation Typodont</td>
<td>717-0115</td>
</tr>
<tr>
<td>Damon Clear (U/L) Consultation Typodont</td>
<td>717-0120</td>
</tr>
<tr>
<td>Damon Clear 14x Consultation Model (with stand, opening tool, wire bar &amp; elastomeric)</td>
<td>717-0125</td>
</tr>
<tr>
<td>Combo Consultation Typodont (Damon 3 upper/Damon 3MX lower)</td>
<td>717-1035</td>
</tr>
<tr>
<td>Damon 3MX Consultation Typodont</td>
<td>717-1033</td>
</tr>
</tbody>
</table>

**PATIENT BROCHURES & DISPLAYS**

<table>
<thead>
<tr>
<th>BROCHURES &amp; DISPLAYS</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Damon System Patient Brochure (40 per pack) – English</td>
<td>070-5117</td>
</tr>
<tr>
<td>Damon System POP Display (brochure holder) – English</td>
<td>070-5469</td>
</tr>
<tr>
<td>Damon Clear Patient Brochure (40 per pack) – English</td>
<td>070-5585</td>
</tr>
<tr>
<td>Damon Clear POP Display (brochure holder) – English</td>
<td>070-5586</td>
</tr>
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</table>

**REFERRING DENTIST EDUCATION**

<table>
<thead>
<tr>
<th>RECENT PROGRAMS</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three-step Damon Marketing Program by Dr. Tom Barron – visit marketing.ormco.com</td>
<td></td>
</tr>
<tr>
<td>Damon Referring Dental Hygienist CD (also on marketing.ormco.com)</td>
<td>070-5380</td>
</tr>
</tbody>
</table>

**MySMILECONSULT™**

Educate your patients with Ormco’s interactive consultation tool for Damon practices.
Visit marketing.ormco.com to register, customize and share your version of My Smile Consult – before, during and after the consultation.

---

Damon System POP Display

Damon Clear POP Display

Damon Clear Typodont
SELF-LIGATION SYSTEMS, CONT’D

**PRESENTATIONS & ARTWORK**

| Damon Orthodontic Photo Album (spiral-bound) | 070-5461 |

**marketing.ormco.com** – an online library of Damon artwork, videos and practice support tools. The Damon brand name and artwork is only authorized for use by doctors/practices offering the Damon System.

**CONSUMER/PATIENT WEBSITE WITH DOCTOR LOCATOR**

| Damonbraces.com – Contact your Ormco representative to add your practice website to the doctor locator |

* Available in North America.

DIGITAL ORTHODONTICS

**Insignia Advanced Smile Design**

**PATIENT BROCHURES & DISPLAYS**

| Insignia Patient Brochures (40 per pack) | 070-5573 |
| Insignia POP Display (brochure holder) | 070-5574 |

**OFFICE POSTERS (19” X 25”)**

| Insignia Poster, Woman | 070-5575 |
| Insignia Poster, Couple | 070-5578 |

**ARTWORK & MARKETING RESOURCES**

**marketing.ormco.com** – an online library of Insignia artwork and practice support tools. The Insignia brand name and artwork is only authorized for use by doctors/practices offering Insignia.

**CONSUMER/PATIENT WEBSITE WITH DOCTOR LOCATOR**

| InsigniaSmile.com – Contact your Ormco representative to add your practice website to the doctor locator |

* Available in North America.
# Aesthetic Appliances

## Inspire ICE

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Consultation Typodont</strong></td>
<td>Inspire ICE Typodont</td>
<td>717-1026</td>
</tr>
<tr>
<td><strong>Patient Brochures &amp; Displays</strong></td>
<td>Insignia Patient Brochures (40 per pack)</td>
<td>740-0267</td>
</tr>
<tr>
<td></td>
<td>Inspire ICE POP Display (brochure holder) – English</td>
<td>070-5464</td>
</tr>
<tr>
<td><strong>Artwork</strong></td>
<td>Inspire ICE Marketing CD</td>
<td>070-5449</td>
</tr>
</tbody>
</table>

marketing.ormco.com – an online library of Inspire ICE artwork and practice support tools. The Inspire ICE brand name and artwork is only authorized for use by doctors/practices offering Inspire ICE.

## SpiritMB

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Typodont and Patient Brochures</strong></td>
<td>SpiritMB Typodont</td>
<td>709-0057</td>
</tr>
</tbody>
</table>

## Alias Lingual Straight-Wire

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Patient Brochures &amp; Typodont</strong></td>
<td>Alias Patient Brochures (40 per pack) – English</td>
<td>070-5036</td>
</tr>
<tr>
<td></td>
<td>Alias Typodont</td>
<td>717-0105</td>
</tr>
<tr>
<td></td>
<td>Alias Consultation Model 15x U1&amp;2-U/L4 w/Opening Tool</td>
<td>717-0100</td>
</tr>
</tbody>
</table>

## STb Lingual

<table>
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*marketing.ormco.com* – an online library of Ormco twin artwork, authorized for use by doctors/practices offering Ormco twin appliances.
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PAYMENT INFORMATION

Purchaser shall pay the balance due on the date specified on the equipment order.

Payment is due thirty (30) days after the date of the invoice unless otherwise specified on the front of the invoice. Seller reserves the right to establish and/or change payment terms extended to Purchaser when, in Seller’s sole opinion, Purchaser’s financial condition or previous payment record warrants that action.

Security Interest: Seller retains a security interest in the Products delivered to the Purchaser, and in their accessories, replacements, accessions, proceeds and products, including accounts receivable (collectively, the “Collateral”) to secure payments of amounts and performance due under this invoice. Purchaser acknowledges that this document or copies of this document may be filed with the appropriate authorities as a financing statement and agrees to execute and deliver such other documents as we may request in order to evidence or perfect our security interest.

SHIPMENTS: TITLE TO GOODS

DOMESTIC. All domestic shipments will be made Ex Works (Incoterms 2010) Seller’s facility. Delivery will be deemed complete and legal title and all risk of loss or damage to the Products will pass to Purchaser, upon delivery to the carrier.

INTERNATIONAL. All international shipments will be made FCA (Incoterms 2010) Shipper’s dock. Delivery will be deemed complete and all risk of loss or damage to the Products will pass to Purchaser when the Products enter international water or airspace or upon delivery to the customer’s designated freight forwarder. Legal title will transfer when products enter international water or airspace.

International waters are defined as twelve (12) nautical miles from the last port of US export. International air space entry is defined at the time of aircraft departure/wheels up from the last US port of export. Land shipments (rail and truck) will be deemed complete and legal title passed to Buyer once the shipment crosses out of the US.

In the event of a dispute, these terms will supersede any terms reflected on shipping documents.

RETURNS:

Seller’s non-custom product(s) that are not defective in material or workmanship may be returned at Customer’s expense for full credit within thirty (30) days of shipment.

Seller’s non-custom product(s) that are not defective in material or workmanship being returned within thirty-one to ninety (31-90) days of shipment will receive a full exchange to a product of equal value (as determined by the Seller) and will be subject to a 20% restocking fee. Product will not be approved for return later than ninety (90) days after shipment.

All returned products must meet the following conditions for credit to be issued:

(a) Products must be unused, in the original unopened package and in resalable condition; (b) Products must be packaged so as to arrive at Seller’s facility undamaged; (c) Products must be shipped prepaid and insured for full invoice value; (d) Products must be of current design; (e) A copy of original invoice must accompany the products along with a note explaining the reason for this return.

INTERNATIONAL RETURNS. For all international returns approval must be obtained from Customer Care prior to returning product to the United States. In addition to providing a copy of the invoice, the customer must issue a new pro forma invoice in English to the Import-Export Department to include:

(a) date of return shipment, customer name and address; Seller ship to address; plus the following for each product: product name, part number, quantity, value, country of origin, and schedule B number (all found on Seller’s invoice);

(b) Statement: “Returned merchandise: value declared for customs purposes only.”

(c) Customers must send a shipment pre-alert to Import Export Department to include the invoice, air bill, flight details and/or arrival information.

NONRETURNABLE GOODS. The following products are not returnable:

(a) Any custom-made products; (b) Chemical or refrigerated products.

Seller’s Customer Returns Department’s evaluation of the condition of products and count are final. Before returning parts, contact customer Care Department at: For Kerr Endodontics - (800) 346-3636; For Ormco - (800) 854-1741.

LIMITED WARRANTY

PURCHASER MUST ASSUME FULL RESPONSIBILITY FOR THE SELECTION OF THE PRODUCT TO ACHIEVE PURCHASER’S INTENDED PURPOSES, FOR THE PROPER INSTALLATIONS AND USE OF THE PRODUCT AND FOR VERIFYING THE RESULTS OBTAINED FROM ITS USE. Seller assumes no responsibility for, and does not warrant the installation work of others nor does Seller assume responsibility for overseeing or supervising the work of any person other than its own agents or personnel. All products manufactured are warranted to be free of defects in materials and manufacture for one year from date of delivery. Any material or manufacture defect covered by this limited warranty which occurs during normal use and is reported to Seller in writing during the period of one (1) year from the date such products is shipped to the Purchaser. Seller’s obligation hereunder, upon verification of the defect or error, shall be to provide one of the following: (i) replacement at no charge to Purchaser; (ii) repair at no charge to Purchaser; or (iii) credit the purchase price to Purchaser. If, upon the inspection of any Seller product to which this warranty applies, Seller determines that a claimed defect was not due to its manufacture or materials, Seller will proceed to service the Seller product at Purchaser’s expense and approval. This warranty shall be null and void upon service, repair or replacement of any portion of the Seller product or any modification performed by anyone other than an authorized Seller service representative, or under the direction of Seller. Purchaser must use the Seller approved hardware with the prescribed Seller software and must use the Seller software with the prescribed Seller hardware. Usage of any Seller component with any non-prescribed component will render warranty coverage for the Seller product null and void. Any modification of any Seller product will also render warranty coverage for the Seller product null and void.
null and void. Purchaser’s remedies under this limited warranty are exclusive of all others. Seller’s warranty obligation with respect to all components, equipment and accessories which are integrated into a Seller product and not manufactured by Seller shall be limited to those express written warranties made to Seller by manufacturer which Seller hereby assigns and transfers to Purchaser. THE FORGOING WARRANTY IS MADE IN LIEU OF ALL OTHER WARRANTIES WHATSOEVER WITH RESPECT TO PRODUCT OR SERVICES SOLD HEREUNDER, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ALL WARRANTIES SHALL TERMINATE ONE YEAR FROM DATE OF DELIVERY OF PRODUCT TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY HAVE OTHERS, WHICH VARY FROM STATE TO STATE.

PATENT INDEMNIFICATION
Seller shall defend any suit or proceeding brought against Purchaser so far as the same is based on a claim that any product of Seller’s design furnished hereunder or any part thereof, constitutes an infringement of any United States patents, if notified promptly in writing and given authority, information and assistance (at Seller’s expense) for the sole defense and settlement of the same and if such alleged infringement is not the result of a design or other special requirement specified by Purchaser or the result of the application or use to which such product is put by Purchaser or others. Seller will pay all damages and costs awarded in such suit or proceeding against Purchaser. In case such product or part thereof are in such suit held to infringe any such patent and the use thereof is enjoined, Seller shall, at its expense and option, either (a) obtain for Purchaser the right to continue using such product or part thereof, (b) replace the same with non-infringing product, or (c) modify the same so it becomes non-infringing, or (d) remove said product and refund the purchase price, less applicable depreciation, and the transportation and installation cost thereof. The foregoing states the entire liability of Seller to Purchaser for patent infringement. For a list of patents, visit ormco.com/patents.

LIMITATION OF LIABILITY
IN NO EVENT SHALL SELLER BE LIABLE AND PURCHASER WAIVES ALL CLAIMS AGAINST SELLER FOR CONSEQUENTIAL OR SPECIAL DAMAGES, WHETHER OR NOT BASED UPON SELLER’S NEGLIGENCE OR BREACH OF WARRANTY OR STRICT LIABILITY IN TORT OR ANY OTHER CAUSE OF ACTION ARISING, DIRECTLY OR INDIRECTLY, IN RESPECT TO THE SELLER PRODUCT OR SERVICES SOLD HEREUNDER, OR THE USE OR FAILURE THEREOF, INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOST PROFITS, LOSS OF PRODUCTION OR INJURY TO PERSONS OR PROPERTY. IN ANY EVENT, SELLER’S MAXIMUM LIABILITY SHALL NOT EXCEED THE CONTRACT PRICE OF THE PRODUCT FURNISHED BY SELLER HEREUNDER.

PROTECTED HEALTH INFORMATION
Seller offers certain custom product and services, including Insignia, ClearGuide Express, Lythos and Digicast. In ordering these products the Purchaser provides Seller with personal health information of Purchaser’s patients. Purchaser warrants that it has obtained or will obtain the necessary consent to transfer this patient personal health information to Seller and Sellers vendors in order to comply with all applicable local and international laws with respect to this information including EU Privacy Directives. To Comply with applicable laws and directives and to safeguard this information, Seller has implemented information policies to protect this information, including providing training to personnel with access to this information and conducting background checks on those personnel, implementing building access controls, security procedures as well as computer server security procedures and designed certain products and software with features such as encryption, anti-virus and intrusion detection as well as other measure to assist Purchaser and vendors in protecting personal health information.

GENERAL
Force Majeure. Seller shall not be liable for delay in performance or for failure to render any performance, and any such delay or failure shall for all purposes be excused, when such delay or failure is caused by governmental regulation, fire, flood, wind, strike, labor disputes, accidents, embargo, riot, act of God, or any other causes or causes, whether of like or different nature., beyond the reasonable control of Seller. Purchaser shall bear any costs incidental to Purchaser’s delay or failure in acceptance of the Seller’s product or any other performance.

Established Business Relationship. By purchasing Seller’s product, you have entered into an established business relationship with Seller formed by the purchaser of Seller’s product, and hereby consent to receiving email and facsimile communications from Seller concerning products and services.

Patented Products. Brackets, molar assemblies and archwires covered by Seller patents are sold with license for single-use only.

Product Changes. Seller reserves the right in its sole discretion, to change, update and enhance the products at any time including to add functionality or features, or to remove them from the products. Seller may also, in its sole discretion, suspend the sale or production of any product.

Governing Law. These terms and conditions shall be governed by and construed in accordance with the laws of California, without regard to conflict of laws principles.

Termination for Default. Seller may terminate an order, in whole or in part, if Purchaser is in breach of any term contained in these Terms and Conditions of Sale and fails to remedy within ten (10) of Sellers notice.

Effect of Invalidity. The invalidity of any part of any section of the Terms and Conditions of Sale contained herein shall not affect the validity of any other section in whole or in part.

Statute of Limitation. Any action resulting from the breach on the part of Seller as to any Seller product delivered hereunder must be commenced within one year after the cause of action has accrued.