

Phoenix offers standard and custom pre-welding services to meet all your practice needs. All pre-weld orders are welded in the standard position unless requested otherwise.

<b>Labial</b>		<b>Lingual Attachments</b>		
<p><b>Bracket to Bicuspid</b></p> <p>Upper Bicuspid: Centered</p> <p>Lower 1st Bicuspid: Centered</p> <p>Lower 2nd Bicuspid: Offset to Occlusal</p>	<p><b>Buccal Tube to Upper Molar</b></p> <p>Upper Molar: Entrance to buccal tube will bisect the mesial/buccal cusp</p> <p><b>Buccal Tube to Lower Molar</b></p> <p>Lower Molar: Entrance to buccal tube will bisect the mesial/buccal cusp</p>	<p><b>Bicuspids</b></p> <p>Gingival</p> <p>Occlusal</p> <p>Mesial Distal</p> <p><i>Button Centered</i></p> <p>Gingival</p> <p>Occlusal</p> <p>Mesial Distal</p> <p><i>Cleat Centered</i></p>	<p><b>Lower Molar</b></p> <p>Gingival</p> <p>Occlusal</p> <p>Mesial Distal</p> <p><i>Button: bisect the mesiolingual cusp</i></p> <p>Gingival</p> <p>Occlusal</p> <p>Mesial Distal</p> <p><i>Cleat Centered</i></p>	<p><b>Upper Molar</b></p> <p>Gingival</p> <p>Occlusal</p> <p>Mesial Distal</p> <p><i>Button Centered</i></p> <p>Gingival</p> <p>Occlusal</p> <p>Mesial Distal</p> <p><i>Cleat Centered</i></p>

**Mesial/Distal Positioning**

**Mesial**

2mm of forward (mesial) placement of the buccal tube on the band will add approximately 10 degrees of distal offset.

**Standard**

The standard welding position is designed to deliver the distal offset manufactured in the buccal tube.

**Distal**

2mm of backward (distal) placement of the buccal tube on the band will subtract approximately 10 degrees of distal offset.

**Standard Weld**

The drawings below provide an overview of the various standard positions and illustrate the attachment welded at 0 degree angulation to the band. The bracket slot will be parallel to the occlusal edge of the band.

**Custom Weld**

Custom assemblies are any of Phoenix tubes and bands that are not pre-welded in the standard position. Using the chart below, choose the appropriate pre-weld position.

**Height Placement**  
**(2 indicates standard)**

1 indicates 50% gingival from standard

3 indicates 50% occlusal from standard

Upper Lower