

These are recommended guidelines for connector cross-sections. As the restoring technician you must decide what best suits the needs of the case and the requirements of the dentist.

To achieve ideal strength, it may be beneficial to leave embrasures thicker and fuller than one would wish. Leaving these areas fuller especially on the lingual of bridges can be helpful in retaining strength for the restorations without sacrificing esthetics.

**For Zirconia:** 1000 MPa

Connector cross-sections should not be less than suggested below.

**Anterior Bridges:**

Pontic to pontic : 7 mm<sup>2</sup>

Abutment to pontic unit: 7 mm<sup>2</sup>

Adjacent abutments: 7 mm<sup>2</sup>

Abutment to pontic  
cantilever bridge: 12 mm<sup>2</sup>

**Posterior Bridges:**

Pontic to pontic: 12 mm<sup>2</sup>

Abutment to pontic: 9 mm<sup>2</sup>

Adjacent abutments: 9 mm<sup>2</sup>