ROTHERMANN

Summary
• Precision attachment, radicular eccentric stud.
• Rigid or resilient.
• Gold alloy male (OSV) and female clip (Elasticor).
• Does not require exact parallelism.
• C-clip spring retention.

Fixation: Male - soldered to cast root coping.
Female - polymerized into denture acrylic.

Minimum Space Required:

<table>
<thead>
<tr>
<th></th>
<th>Height</th>
<th>FC width</th>
<th>Prep depth</th>
<th>RC width across clip</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rigid Rothermann</td>
<td>2.8mm</td>
<td>3.5mm</td>
<td>N/A</td>
<td>7.6mm</td>
</tr>
<tr>
<td>Resil. Rothermann</td>
<td>4.0mm</td>
<td>3.5mm</td>
<td>N/A</td>
<td>7.6mm</td>
</tr>
<tr>
<td>Anterior female anchor bar</td>
<td>7.0mm</td>
<td>2.0mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Posterior female anchor bar</td>
<td>5.0mm</td>
<td>2.5mm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

+ Add 1.0mm for patients with habitually strong bites.

Indications
• Overdentures with minimal interocclusal space.
• Divergent abutments. Resilient Rothermann attachment allows up to 5° of divergence from the overdenture’s path of insertion.

Contraindications
• Inadequate periodontal support for an extraradicular stud attachment.
• Patient unable to maintain oral hygiene sufficiently to prevent caries formation beneath the cast root cap coping.

3.5-1