As Modern and Contemporary Architecture continues to grow in popularity, the demand for sleeker designs and unique door solutions has been growing. One of the most unique applications you can bring to a modern door package is a concealed hinge.

By selecting the Simonswerk® Tectus® hinge as our standard concealed hinge, we are offering you one of the leading manufacturers of heavy-duty, high-performance hinge systems — producing premium hinge systems for over 125 years.

**Our hinge systems provide you with a complete solution:**

- Precision-Machined Door,
- Fully Prepped, Ready to Assemble Jamb
- Concealed Hinges*

* Concealed hinges are sent direct to a named dealer representative until ready for installation on the job site.

Now available as a standard hinge prep on all 1-3/4” TruStile doors.
## Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Tectus TE 340 3D</th>
<th>Tectus TE 540 3D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Load Capacity</td>
<td>80 kg (176 lbs)</td>
<td>120 kg (264 lbs)</td>
</tr>
<tr>
<td>Minimum Door Thickness</td>
<td>Minimum 1-3/4”</td>
<td>Minimum 1-3/4”</td>
</tr>
<tr>
<td>Length</td>
<td>160.0 mm (6.299”)</td>
<td>200.0 mm (7.874”)</td>
</tr>
<tr>
<td>Width</td>
<td>28.0 mm (1.102”)</td>
<td>32.0 mm (1.260”)</td>
</tr>
<tr>
<td>Opening Angle</td>
<td>180° degree</td>
<td>180° degree</td>
</tr>
<tr>
<td>Adjustable</td>
<td>Adjustable in three dimensions: side +/- 3.0 mm (0.118”) height +/- 3.0 mm (0.118”) compression +/- 1.0 mm (0.039”)</td>
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</tr>
<tr>
<td>Maintenance-free slide bearings</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

## Finishes

Additional finishes may be special ordered from Simonswerk

- 030 Polished Brass
- 038 Polished Nickel
- 070 Traffic White (RAL 9016)
- 107 Matte Deep Black (RAL 9005)
- 124 Satin Chrome Look
- 125 Satin Nickel Look
- 126 Stainless Steel Look
- 144 Satin Nickel
- 146 Satin Chrome
- 156 Rustic Umber

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