(F)19 Surface Vertical Device
Surface Vertical Rod Panic and Fire Exit Device, Metal Door, LHR Shown, RHR Opposite

**VERTICAL Ç**

FRAME STOP

1 1/4" (44 mm)

9/16" (14 mm)

SEE CHART FOR BACKSET

2 1/2" (64 mm)

Equal

1 1/4" (32 mm)

DEVICE Ç

3/16" (10 mm) dia.

40 3/16" (1024 mm)

From Finished Floor to Device Ç

1 1/8" (27 mm)

1 1/4" (32 mm)

FINISHED FLOOR

1/4" (6 mm)

Eventually 1/4" 19 mm max.

**BACKSET**

<table>
<thead>
<tr>
<th>Installation</th>
<th>1 1/4&quot; Min. Stile</th>
<th>3/4&quot; Stile to Flush Door</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vertical Rod Device(s)</td>
<td>1 1/4&quot; *</td>
<td>2 5/8&quot;</td>
</tr>
<tr>
<td>Vertical Rod over 161 prep.</td>
<td>—</td>
<td>2 5/8&quot;</td>
</tr>
<tr>
<td>Vertical Rod x Rim Device (571 strike)</td>
<td>—</td>
<td>2 5/8&quot;</td>
</tr>
<tr>
<td>Vertical Rod x Rim Device (571-A strike)</td>
<td>—</td>
<td>1 1/16&quot;</td>
</tr>
</tbody>
</table>

*Note: Narrow stile application will reduce maximum door opening width by 2-1/4" (33-3/4" max for 3' device).

Note: 571 & 571-A strikes are not approved for fire rated applications.

- Drill 9/16" (4 mm) dia. hole for sheet metal screws; or drill and tap for #10-24 machine screws (10 holes).
- Fire rated devices must use machine screws.
- For device with trim, refer to trim template.
- For exit only device drill 9/32" (7 mm) dia. hole through; then drill 9/8" (10 mm) dia. hole only on opposite side of door for sexbolts (2 holes).
- For applications over 8 feet (2.4 m), install two rod guides equally spaced on top rod.
- For fire rated Less Bottom Rod (LBR) application, refer to template T-5494 for auxiliary fire latch and omit bottom latch preparation.
- For outside trim, see trim template for door preparation.
- For sexbolt preparation, refer to template T-4014.
- See Master Sheet #0100 for suggested reinforcing.

**APPLICATION**

<table>
<thead>
<tr>
<th>Application</th>
<th>&quot;A&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>19-V x KIL Trim</td>
<td>2 1/4&quot;</td>
</tr>
<tr>
<td>19-V x KIK Trim</td>
<td>2 1/4&quot;</td>
</tr>
<tr>
<td>19-V x Centron Trim</td>
<td>2 1/4&quot;</td>
</tr>
<tr>
<td>19-V x Exit Only</td>
<td>1 3/4&quot;</td>
</tr>
<tr>
<td>19-V x Control Trim</td>
<td>1 3/4&quot;</td>
</tr>
</tbody>
</table>

**TEMPLATE**

T-1105-b