Features and Benefits

- 304 Stainless steel provides maximum corrosion resistance. 316 Stainless steel is available by request.
- Low profile dome head for aesthetic installed appearance
- Delivers ultimate performance in medium gauge applications
- Precision cold forged carbon steel point assures point strength and fast drilling performance through high strength steel and nested purlins.
- Color matched Vista spray available to blend with facade panel

Application

- Facade panel to metal
- Metal to metal

Product Selection

<table>
<thead>
<tr>
<th>Material No.</th>
<th>Fastener Length</th>
<th>Load Bearing Length</th>
<th>Description</th>
<th>Carton Wt. (lbs.)</th>
<th>Carton Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(in)</td>
<td>(mm)</td>
<td>(in)</td>
<td>(mm)</td>
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<tr>
<td>1271253</td>
<td>1-3/16&quot;</td>
<td>30</td>
<td>19/32&quot;</td>
<td>15</td>
<td>SX3/15-D12-5.5x30</td>
</tr>
<tr>
<td>1377511</td>
<td>2-1/8&quot;</td>
<td>55</td>
<td>1-37/64&quot;</td>
<td>40</td>
<td>SX3/40-D12-5.5x55</td>
</tr>
</tbody>
</table>

Dimensions in inches are approximate conversions.
Note: Fasteners are available with washer. Inquire with SFS about availability.
SX3-D12 Bi-Met 300™ Facade Attachment

**Product Specifications**
- **Diameter:** #12 (5.3 mm)
- **Threads Per Inch:** 11
- **Head Style:** 0.472” (12.0 mm) Dome Head
- **Material:** 304SS
- **Drive:** T25W
- **Drill Point:** SD2
- **Drill Capacity:** 0.060” (1.5 mm)–0.118” (3.0 mm)
  - [Up to .125” (3.2 mm) Aluminum]
- **Thread Major Dia:** 0.209” (5.3 mm)
- **Thread Minor Dia:** 0.161” (4.1 mm)

**Material Strength**
- **Tensile:** 2442 lbf / 10863 N
- **Shear:** 1620 lbf / 7206 N
- **Torsional:** 80 lbf-in / 9.04 N-m

**Pull Out Strength Steel**
- **12 Ga (2.7 mm):** 1715 lbf / 7629 N
- **14 Ga (1.9 mm):** 1032 lbf / 4591 N
- **16 Ga (1.5 mm):** 696 lbf / 3096 N

**Pull Out Strength Aluminum**
- **2.2 mm L or T Rail (0.087”)*:** 672 lbf / 2989 N
- **2.4 mm Omega or Zed Rail (0.094”)*:** 590 lbf / 2624 N
- **2.5 mm L or T Rail (0.098”)*:** 800 lbf / 3559 N
- **1/8” 6063-T5 (3.2 mm):** 1183 lbf / 5262 N

**Performance Data**
* - Values are only valid for aluminum rails supplied by SFS

**Installation and Application Considerations**
- Install fasteners with 0–2000 RPM screw gun equipped with depth sensing nose piece.
- Use of T25W drive bit is required.

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The details stated are results of tests and/or calculations and therefore are non-binding and do not represent guarantees or warranted characteristics for not specified applications. All calculations therefore have to be checked and approved by the responsible planner ahead of execution. The user is responsible to assure compliance with all applicable laws and regulations.

Metric values are approximate conversions.

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