Features and Benefits
• Corrosion resistant 300 series stainless
• 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
• Available with no sealing washer or stainless bond seal washer
• Color matched Vista spray available

Application
• Light and medium gauge metal connections
• Dissimilar metal connections

Product Selection

<table>
<thead>
<tr>
<th>Material No.</th>
<th>Fastener Length (in)</th>
<th>Load Bearing Length (in)</th>
<th>Description</th>
<th>Carton Wt. (lbs.)</th>
<th>Carton Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1122767</td>
<td>1-1/4</td>
<td>5/16</td>
<td>SX5/8-S16-5,5x31</td>
<td>8</td>
<td>500</td>
</tr>
<tr>
<td>1123168</td>
<td>1-1/2</td>
<td>15/32</td>
<td>SX5/12-S16-5,5x35</td>
<td>9</td>
<td>500</td>
</tr>
<tr>
<td>1134477</td>
<td>1-5/8</td>
<td>45/64</td>
<td>SX5/18-S16-5,5x41</td>
<td>10</td>
<td>500</td>
</tr>
<tr>
<td>1168765</td>
<td>2-1/2</td>
<td>1-1/2</td>
<td>SX5/38-S16-5,5x61</td>
<td>3</td>
<td>100</td>
</tr>
<tr>
<td>1133330</td>
<td>3-1/8</td>
<td>2-3/16</td>
<td>SX5/55-S16-5,5x78</td>
<td>14</td>
<td>250</td>
</tr>
</tbody>
</table>

Dimensions in inches are approximate conversions.
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.

Fasteners should provide for a minimum of 3 fully developed threads through the metal substrates.

Tools: 0–2000 rpm screw gun equipped with depth sensing nose piece

Use of impact guns or hammer drills is not recommended.

**Product Specifications**
- **Diameter:** Nominal #12 (5.4 mm)
- **Threads Per Inch:** 11
- **Head Style:** 5/16" dia HWH AFL (8.0 mm)
- **Washer:** 5/8" stainless and EPDM bond seal (16 mm)
- **Drill Point:** SD3
- **Drill Capacity:** 0.060"–0.157" (1.5 mm–4.0 mm)
- **Thread Major Dia:** 0.213" (5.4 mm)
- **Thread Minor Dia:** 0.157" (4.0 mm)

**Material Strength**
- **Tensile:** 2743 lbf / 12200 N
- **Shear:** 2149 lbf / 9559 N
- **Torsional:** 70 lbf-in / 79 N-m

**Performance Data**

<table>
<thead>
<tr>
<th>Material &amp; Strength</th>
<th>Pull Out Strength Steel</th>
<th>Pull Over Strength Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile 2743 lbf</td>
<td>16 Ga (1.5mm) 470 lbf</td>
<td>26 Ga (0.5mm) 1141 lbf</td>
</tr>
<tr>
<td>14 Ga (1.9mm) 656 lbf</td>
<td>12 Ga (2.7 mm) 1250 lbf</td>
<td>24 Ga (0.6 mm) 1420 lbf</td>
</tr>
</tbody>
</table>

**Installation and Application Considerations**

The application thickness, including the substrate, should never exceed the length to ensure structural integrity of the fastener.

**US**
T 800 234 4533  
www.sfsintecusa.com

**Canada**
T 866 847 5400  
www.sfsintec.ca

Metric values are approximate conversions.