SX3-D12-A4 Bi-Met 300™
Facade Attachment

Features and Benefits
- 316 Stainless steel provides maximum corrosion resistance. 304 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>1625830</td>
<td>1-3/16&quot;</td>
<td>19/32&quot;</td>
<td>SX3/15-D12-5.5x30-A4</td>
<td>3</td>
<td>250</td>
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</tbody>
</table>

Dimensions in inches are approximate conversions.
Note: Fasteners are available with washer. Inquire with SFS about availability.
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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.

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.

Product Specifications
Diameter: #12 (5.3 mm)
Threads Per Inch: 11
Head Style: 0.472” (12.0 mm) Dome Head
Material: 316SS

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
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)

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* - LB Stainless refers to the load-bearing stainless steel portion of the fastener.
The application thickness, including the substrate, should never exceed this length to ensure structural integrity of the fastener.

SFS 5473.17
* - Values are only valid for aluminum rails supplied by SFS