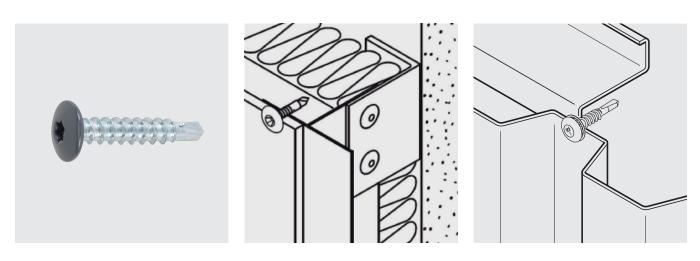


SX3-D12-A4 Bi-Met 300[™] Facade Attachment



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

Product Selection

Material	Fastener Length		Thread	Load Bearing Length		Description	Carton Wt.	Carton
No.	(in)	(mm)	Length	(in)	(mm)	Description	(lbs.)	Qty.
1625830	1-3/16"	30	Full	0.68"	15	SX3/15-D12-5.5x30-A4	3	250

Note: Fasteners are available with washer. Inquire with SFS about availability.

Metric values are approximate conversions.

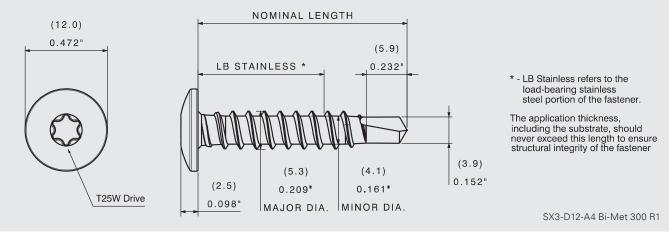
All information is non-binding and without guarantee. Before using the products, all specifications and calculations must be checked by a suitably qualified person and local regulations must be observed. This document is subject to revision. We reserve the right to make technical changes. (07/2021, V1.02)

Application

- Facade panel to metal
- Metal to metal



SX3-D12-A4 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:	316SS

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)

Performance Data¹

Material Strength

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Tensile	2442 lbf / 10863 N	2.2 mm L or T Rail (0.087")
Shear	1620 lbf / 7206 N	2.4 mm Omega or Zed Ra
Torsional	80 lbf·in / 9.04 N·m	2.5 mm L or T Rail (0.098

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

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	

¹ SFS 5473.17

* - 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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