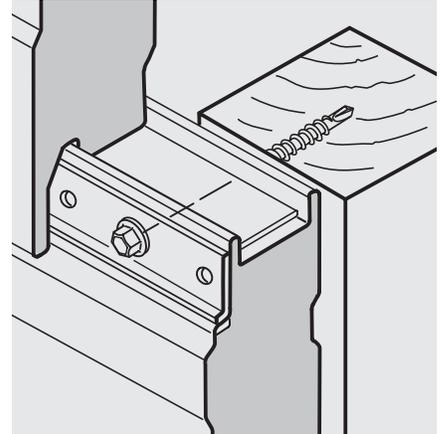
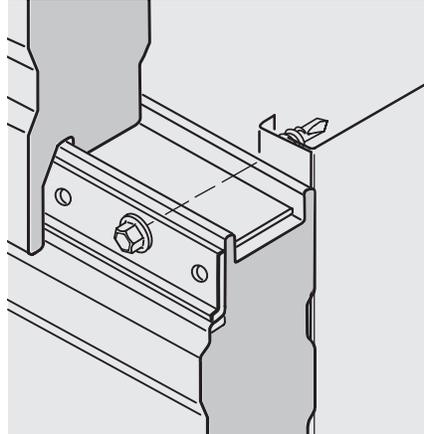


# SXC5-6.3

## Insulated Metal Panel Attachment



### Features and Benefits

- 304 Stainless steel bi-metal provides maximum corrosion resistance while being able to drill steel substrates. 316 Stainless steel is available by request.
- Perfect supporting of the IMP outer-skin given by support thread with cut-off thread-end
- Optimized support function achieved by engineered double support thread
- Easy drilling through overlapped metal profiles given by the long drill point
- High bending capacity for absorption of thermal expansion of the IMP outer-skin
- High tension resistance achieved by optimized fastener geometry

### Application

- Insulated metal panel (IMP) to metal or wood
- Concealed or face fastened

### Features and Benefits continued

- Upgraded major diameter requires less fasteners for the project, and saves installation time due to not needing to pre-drill the application
- Color matched Vista spray available to blend with facade panel

### Approvals



### Product Selection

Material No.	Fastener Length		Load Bearing Length		Thread Length		Description	Carton Wt. (lbs.)	Carton Qty.
	(in)	(mm)	(in)	(mm)	(in)	(mm)			
1599843	3-1/8	80	2-1/4	58	1-7/8	48	SXC5-6,3×80-A2	3.2	100
1599844	3-15/16	100	3-1/16	78	2-1/4	58	SXC5-6,3×100-A2	3.8	100
1599847	4-3/4	120	3-7/8	98	2-11/16	68	SXC5-6,3×120-A2	4.5	100
1599848	5-1/2	140	4-5/8	118	2-11/16	68	SXC5-6,3×140-A2	5.2	100
1599851	6-5/16	160	5-7/16	138	2-11/16	68	SXC5-6,3×160-A2	5.9	100
1599857	7-1/2	190	6-5/8	168	3-1/16	78	SXC5-6,3×190-A2	6.9	100
1599859	8-11/16	220	7-13/16	198	3-1/16	78	SXC5-6,3×220-A2	7.9	100
1599860	9-13/16	250	9	228	3-1/16	78	SXC5-6,3×250-A2	9.0	100
1599871	11-7/16	290	10-9/16	268	3-1/16	78	SXC5-6,3×290-A2	10.0	100

Dimensions in inches are approximate conversions.

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

US  
T 800 234 4533  
us.sfs.com

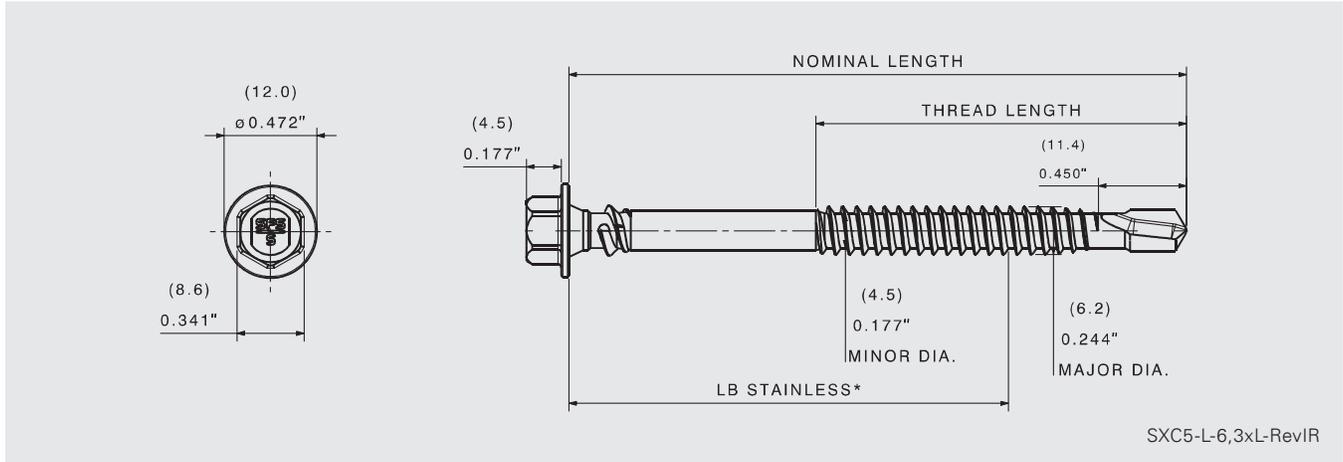
Canada  
T 866 847 5400  
ca.sfs.com

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. (12/2023, V1.02)

# SXC5-6.3

## Insulated Metal Panel Attachment



### Product Specifications

Diameter:	Nominal #14 (6.3 mm)	Drill Point:	SD3
Threads Per Inch:	14	Drill Capacity:	0.048"–0.157" (1.25 mm–4.0 mm)
Head Style:	5/16" HWH AF (8.0 mm)	Thread Major Dia:	0.248" (6.3 mm)
Material:	304SS	Thread Minor Dia:	0.177" (4.5 mm)

### Performance Data<sup>1,2</sup>

#### Material Strength

Tensile	2650 lbf / 11788 N
Shear	2227 lbf / 9906 N
Torsional	120 lbf-in / 13.6 N·m

#### Pull Out Strength Steel

<b>16 Ga (1.5 mm)</b>	611 lbf / 2718 N
<b>14 Ga (1.9 mm)</b>	1055 lbf / 4693 N
<b>12 Ga (2.7 mm)</b>	1652 lbf / 7348 N
<b>9 Ga (3.8 mm)</b>	2623 lbf / 11668 N

#### Pull Over Strength\*

<b>26 Ga (0.5 mm):</b>	474 lbf / 2110 N
<b>24 Ga (0.6 mm):</b>	683 lbf / 3040 N

<sup>1</sup> SFS 5641.19

<sup>2</sup> ETA 13/0183

\* with 19 mm washer

### Installation and Application Considerations

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.**