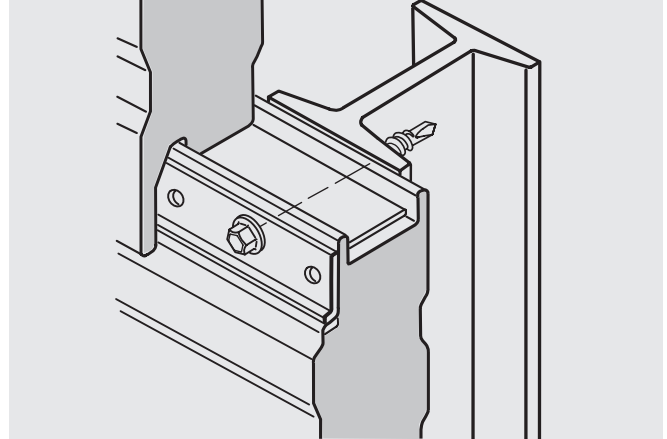


# SXC16-5.8

## 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
- High performance drill point for heavy steel beams
- 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 beams
- 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)			
1615954	3-9/16	90	2-3/8	61	2-1/4	58	SXC16-5,8×90-A2	3.5	100
1615960	4-5/16	110	3-3/16	81	2-11/16	68	SXC16-5,8×110-A2	4.2	100
1615963	5-1/8	130	4	101	3-1/16	78	SXC16-5,8×130-A2	4.9	100
1615978	5-15/16	150	4-3/4	121	3-1/16	78	SXC16-5,8×150-A2	5.5	100
1616036	6-11/16	170	5-9/16	141	3-1/16	78	SXC16-5,8×170-A2	6.3	100
1616046	7-7/8	200	6-3/4	171	3-7/16	88	SXC16-5,8×200-A2	7.3	100
1616051	9-1/16	230	7-15/16	201	3-7/16	88	SXC16-5,8×230-A2	8.3	100
1616090	10-1/4	260	9-1/8	231	3-7/16	88	SXC16-5,8×260-A2	9.3	100
1616112	11-13/16	300	10-11/16	271	3-7/16	88	SXC16-5,8×300-A2	10.7	100

Dimensions in inches are approximate conversions.

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

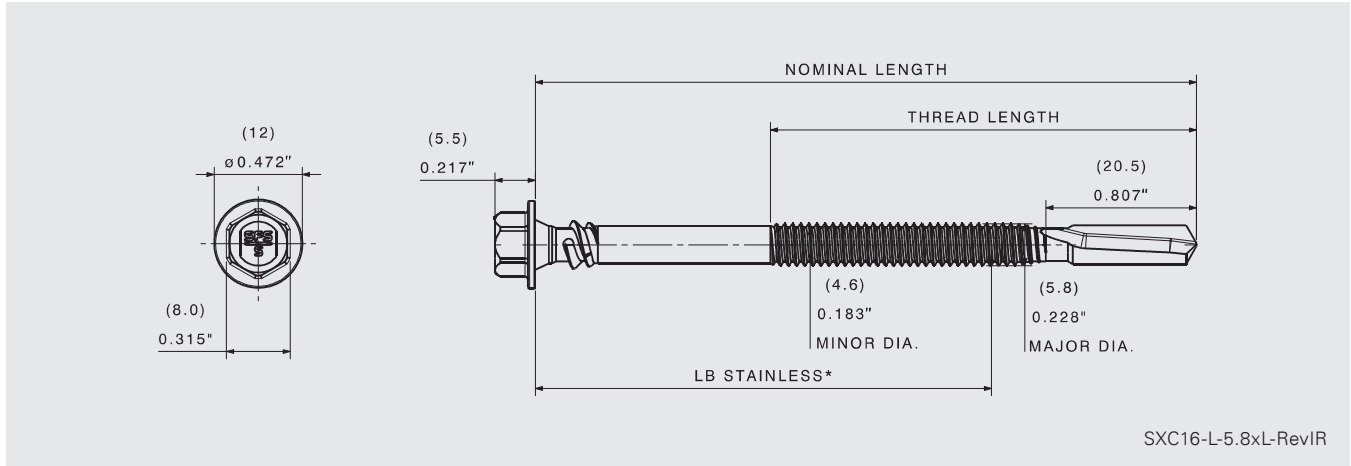
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All information is non-binding and without guarantee. Before using the products, all specifications and calculations must be checked by a suitably qualified person and local regulations must be observed. This document is subject to revision. We reserve the right to make technical changes. (04/2024, V1.03)

# SXC16-5.8

## Insulated Metal Panel Attachment



### Product Specifications

Diameter: Nominal #12 (5.8 mm)  
 Threads Per Inch: 24  
 Head Style: 5/16" HWH AF (8.0 mm)  
 Material: 304SS

Drill Point: SD5  
 Drill Capacity: 0.125"–0.550" (3.2 mm–14.0 mm)  
 Thread Major Dia: 0.228" (5.8 mm)  
 Thread Minor Dia: 0.183" (4.6 mm)

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

#### Material Strength

Tensile	2885 lbf / 12833 N
Shear	2438 lbf / 10845 N
Torsional	128 lbf-in / 14.5 N-m

#### Pull Out Strength Steel

<b>1/8" (3.2 mm)</b>	2707 lbf / 12041 N
<b>3/16" (4.8 mm)</b>	Exceeds tensile

#### Pull Over Strength\*

<b>26 Ga (0.5 mm):</b>	468 lbf / 2080 N
<b>24 Ga (0.6 mm):</b>	668 lbf / 2970 N

<sup>1</sup> SFS 5890.21

<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.**