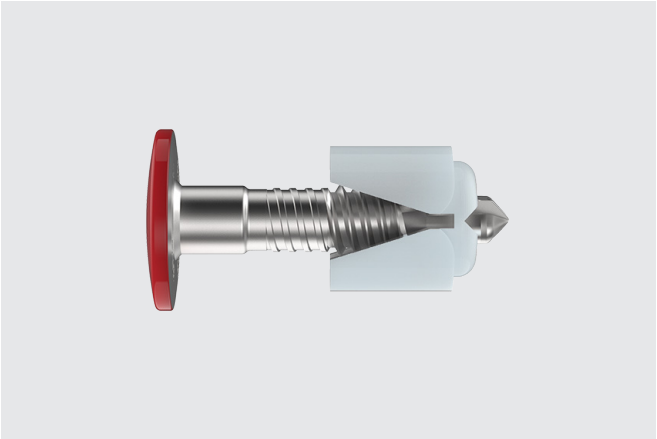
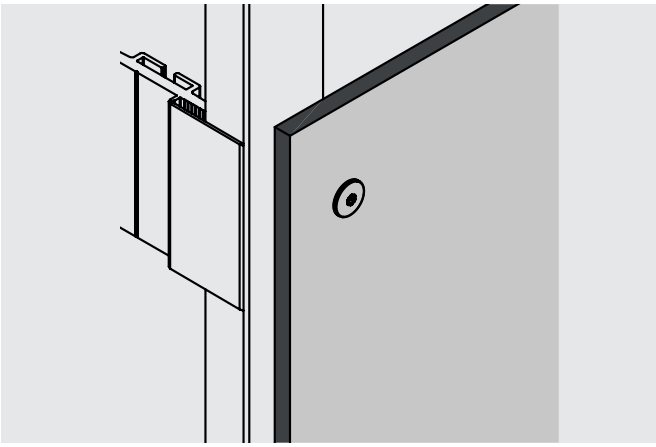
SX4-D15 Bi-Met Facade Attachment





Features and Benefits

- Centering sleeve allows for precise centric installation
- Dilatation can be fully utilized - no residual material from the centering sleeve remains in the drill hole
- Can be installed with both impact gun and regular drill gun
- Reduced thread so that no torque control is required and fastener is secured against unwinding
- Double-threads for consistent, straight, alignment
- No abrasion on the panel surface after dilatation

Application

Self drilling fastener for fixing a façade panel to steel or aluminium rails

Product Selection

Material No.		Fastener Length		Panel Thickness		Description	Carton Qty.
With sleeve	Without sleeve	(in)	(mm)	(in)	(mm)		
1693558	1693363	1-1/8"	29	1/3"	8.0	SX4-D15-CS10/8-5,8X29-A4	250
1693559	1693365	1-5/16"	33	3/8"	10.0	SX4-D15-CS10/10-5,8X33-A4	250
1693563	1678524	1-1/2"	38	1/2"	12.0–13.0	SX4-D15-CS10/13-5,8X38-A4	250

*Note – Standard version includes plastic centering sleeve but is available without centering sleeve by request

US
T 800 234 4533
us.sfs.com

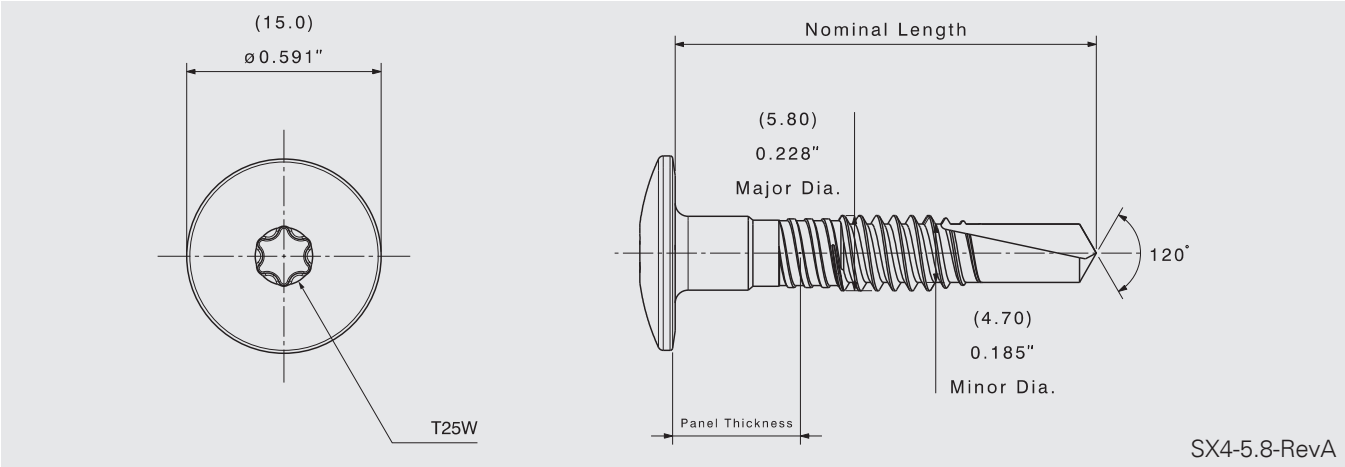
Canada
T 866 847 5400
ca.sfs.com

Imperial values are approximate conversions.

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SX4-D15 Bi-Met Facade Attachment



Product Specifications

Diameter:	#12 (5.8 mm)
Threads Per Inch:	20
Head Style:	Dome Head
Drill Point:	SD2
Drill Capacity:	.125" Aluminum / 14ga (.075") steel
Thread Major Dia:	0.228" (5.8 mm)
Thread Minor Dia:	0.185" (4.7 mm)

Performance Data

Material Strength	
Tensile	2563lbf / 11400N
Shear	2091lbf / 9300N

Pull out strength: Aluminum	
.063" alu–6063T5	327lbf / 1454N
.080" alu–6063T5	437lbf / 1943N
.094" alu–6063T5	633lbf / 2815N
.0125" alu–6063T5	599lbf / 2664N
2.2mm NVELOPE alu rail[1]	604lbf / 2686N

Pull Out Strength: Steel	
18ga steel–33ksi	407lbf / 1810N
16ga steel–50ksi	701lbf / 3118N
14ga steel–50ksi	950lbf / 4225N

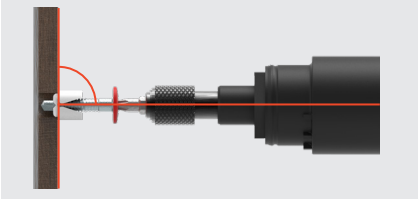
[1] Values are only valid for aluminum rails supplied by SFS

Installation and Application Considerations

Pre-drill Ø panel 10.0

Tools: 0-2500 rpm screw gun equipped with depth sensing nose piece.

Installation Instructions



- Ensure a right angle during the entire setting process
- Make sure that the bit is mounted without play in the screwdriver



- Apply pressure at low rotation-speed until the centering sleeve breaks



- Once the centering sleeve is broken, apply more pressure and increase the rotation-speed

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