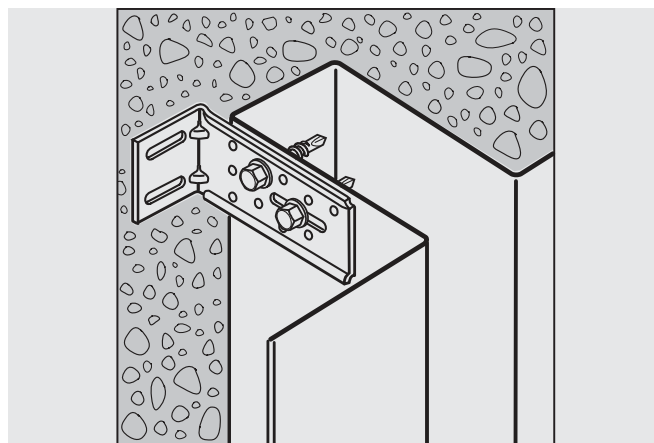


#12-14 SD3 Pancake Bi-Met 300® Subframe Attachment



Features and Benefits

- Bi-metal fastener design allows for higher drilling capacity while maintaining the corrosion resistance properties of stainless steel
- Silver VistaCoat® provides a barrier to help prevent galvanic corrosion when used with aluminum
- High ductility reduces delayed embrittlement failures

Application

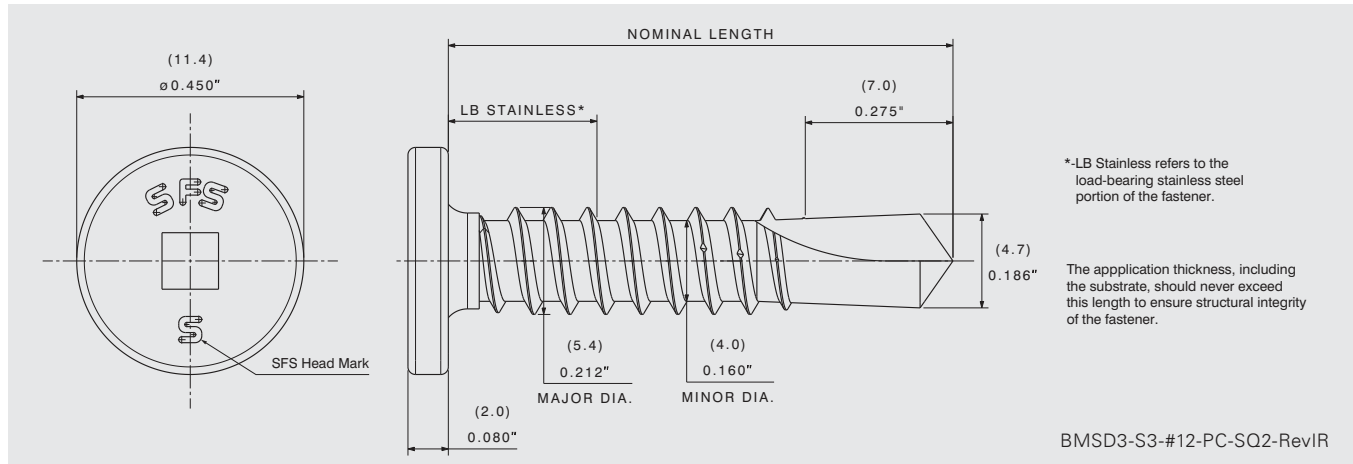
- Light and medium gauge metal connections
- Curtain wall and building envelope attachments
- Dissimilar metal connections
- Flat head for visible attachments
- Standing seam clip attachment in corrosive environment

Product Selection

Material No.	Fastener Length		Load Bearing Length		Description	Carton Wt. (lbs.)	Carton Qty.
	(in)	(mm)	(in)	(mm)			
1702024	1"	25	0.51"	13	BMSD3-S3-#12x1-PC-SQ2-F	22	2,500

Product bagged 250 pieces, unless otherwise noted.

#12-14 SD3 Pancake Bi-Met 300[®] Subframe Attachment



Product Specifications

Diameter: #12 (5.4 mm)
Threads Per Inch: 14
Head Style: Pancake #2 square
Drill Point: SD3

Material: 304SS
Drill Capacity: 0.210" (5.3 mm) Max steel
Thread Major Dia: 0.212" (5.4 mm)
Thread Minor Dia: 0.160" (4.1 mm)

Performance Data^{1,2}

Material Strength

Tensile	2612 lbf / 11619 N
Shear	2034 lbf / 9042 N
Torsional	70 lbf·in / 7.9 N·m

Pull Out Strength Steel

20 Ga (0.9 mm)	295 lbf / 1312 N
18 Ga (1.2 mm)	575 lbf / 2557 N
16 Ga (1.5 mm)	627 lbf / 2789 N
14 Ga (1.9 mm)	1033 lbf / 4595 N
12 Ga (2.7 mm)	1478 lbf / 6574 N

* Torsional values for Stainless Steel section only.

¹ SFS (5478.17).

² All values are ultimate, with no safety factor applied.

Installation and Application Considerations

Install fasteners with 0–2000 RPM screw driver equipped with depth sensing nose piece.

Use of impact guns or hammer drills is not recommended.