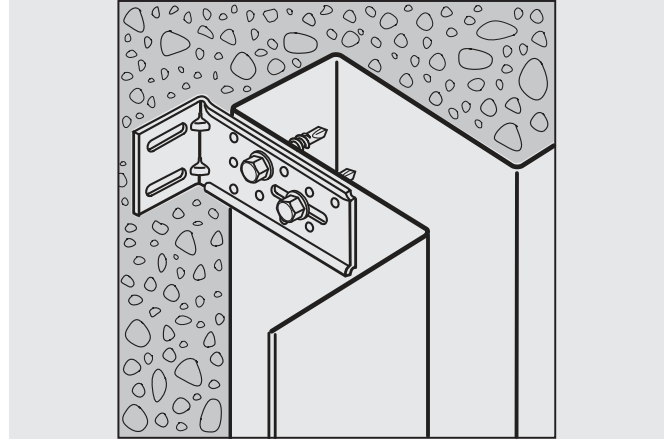


1/4-14 SD2 Bi-Met 300[®] Subframe Attachment



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

Approvals

- Listed on Intertek CCRR-0387 report



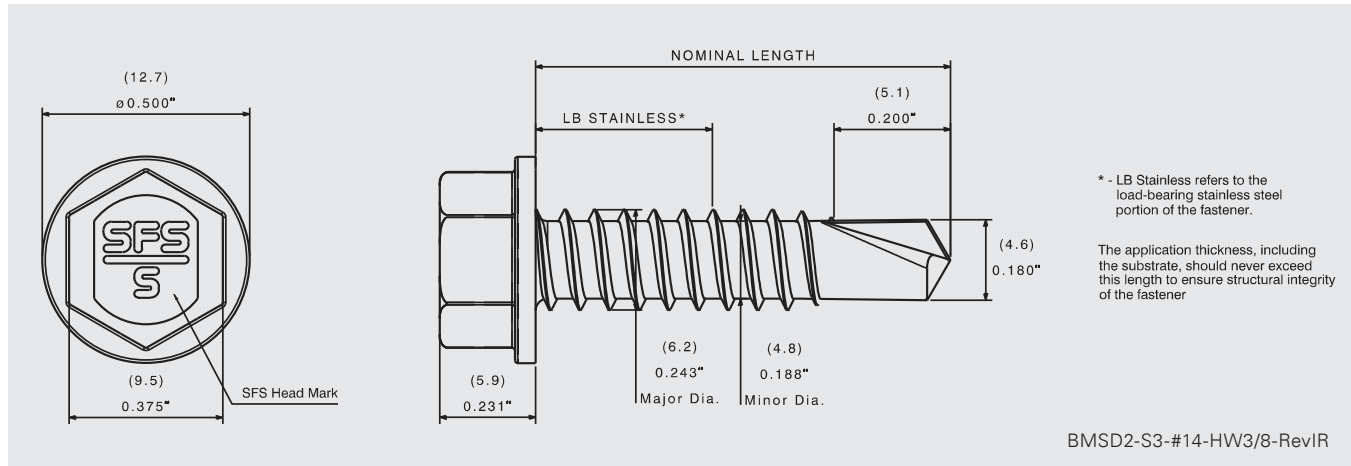
Product Selection

Material No.	Fastener Length		Load Bearing Length		Description	Carton Wt. (lbs.)	Carton Qty.
	(in)	(mm)	(in)	(mm)			
1557694	1"	25	0.47"	12	BMSD2-S3-#14x1-HW3/8	32	2,000
1557696	1-1/2"	38	0.97"	24	BMSD2-S3-#14x1-1/2-HW3/8	30	1,500
1557698	2"	51	1.44"	37	BMSD2-S3-#14x2-HW3/8	25	1,000

Product bagged 250 pieces, unless otherwise noted.



1/4-14 SD2 Bi-Met 300[®] Subframe Attachment



Product Specifications

Diameter: 1/4" (6.2 mm)
Threads Per Inch: 14
Head Style: HWH 3/8" (9.5 mm) AF
Material: 304SS

Drill Point: SD2
Drill Capacity: 0.105" (2.7 mm) Max Steel
0.125" (3.2 mm) Aluminum
Thread Major Dia: 0.243" (6.2 mm)
Thread Minor Dia: 0.188" (4.8 mm)

Performance Data^{1,2,3}

Material Strength

Tensile	3623 lbf / 16116 N
Shear	2620 lbf / 11654 N
Torsional*	140 lbf·in / 15.4 N·m

* Torsional values for Stainless Steel section only.

¹ CCRR-0387

² See CCRR-0387 for allowable loads.

³ PLK 22217

Pull Out Strength Steel

20 Ga (0.9 mm)^a	330 lbf / 1468 N
18 Ga (1.2 mm)^a	439 lbf / 1953 N
16 Ga (1.5 mm)^b	697 lbf / 3100 N
14 Ga (1.9 mm)^b	895 lbf / 3981 N
12 Ga (2.7 mm)^b	1221 lbf / 5431 N

^a 33 ksi

^b 50 ksi

Pull Out Strength Aluminum

1/8" (3.2 mm) 6063-T5	771 lbf / 3430 N
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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.