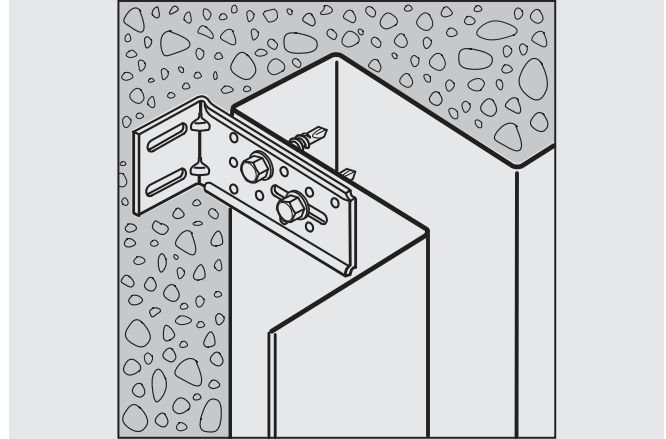


#12-24 SD5 Bi-Met 300[®] Subframe Attachment



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
- Quickly drills and taps threads in metal up to 1/2" thick

Application

- Heavy gauge metal connections
- Curtain wall and building envelope attachments
- Dissimilar metal connections

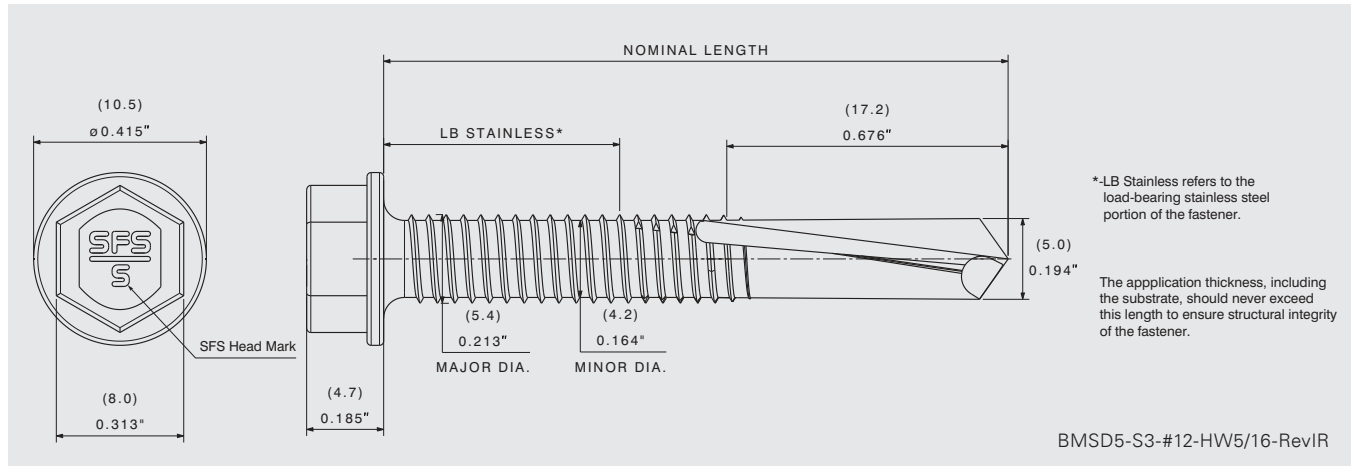
Product Selection

Material No.	Fastener Length		Load Bearing Length		Description	Carton Wt. (lbs.)	Carton Qty.
	(in)	(mm)	(in)	(mm)			
1702010	1-1/2"	38	0.69"	17	BMSD5-S3-#12x1-1/2-HW5/16-F	39	2,500

Product bagged 250 pieces, unless otherwise noted.



#12-24 SD5 Bi-Met 300® Subframe Attachment



Product Specifications

Diameter: #12 (5.4 mm)
Threads Per Inch: 24
Head Style: HWH 5/16" (7.8 mm) AF
Material: 304SS

Drill Point: SD5
Drill Capacity: 0.500" (12.7 mm) Max steel
Thread Major Dia: 0.212" (5.4 mm)
Thread Minor Dia: 0.164" (4.2 mm)

Performance Data^{1,2}

Material Strength

Tensile	3119 lbf / 13874 N
Shear	2155 lbf / 9586 N
Torsional*	80 lbf·in / 9 N·m

Pull Out Strength Steel

14 Ga (1.9 mm)	733 lbf / 3260 N
12 Ga (2.7 mm)	1384 lbf / 6156 N
3/16" (4.7 mm)	2181 lbf / 8701 N
1/4" (6.3 mm)	2910 lbf / 12944 N

* Torsional values for Stainless Steel section only.

¹ PLK 21016

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.