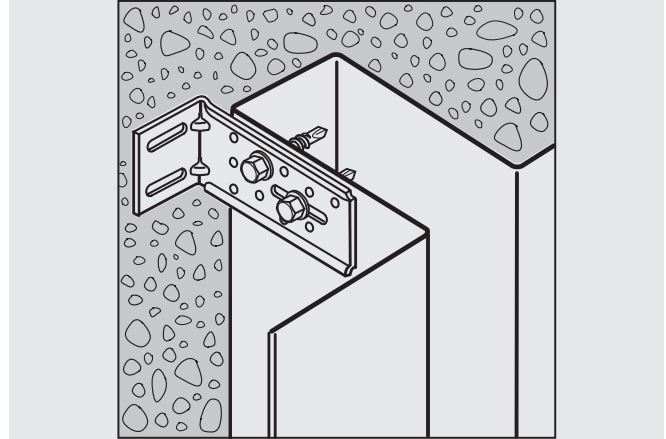


1/4-20 SD5 Bi-Met 300[®] Subframe Attachment



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

Approvals

- Listed on Intertek CCRR-0387 report



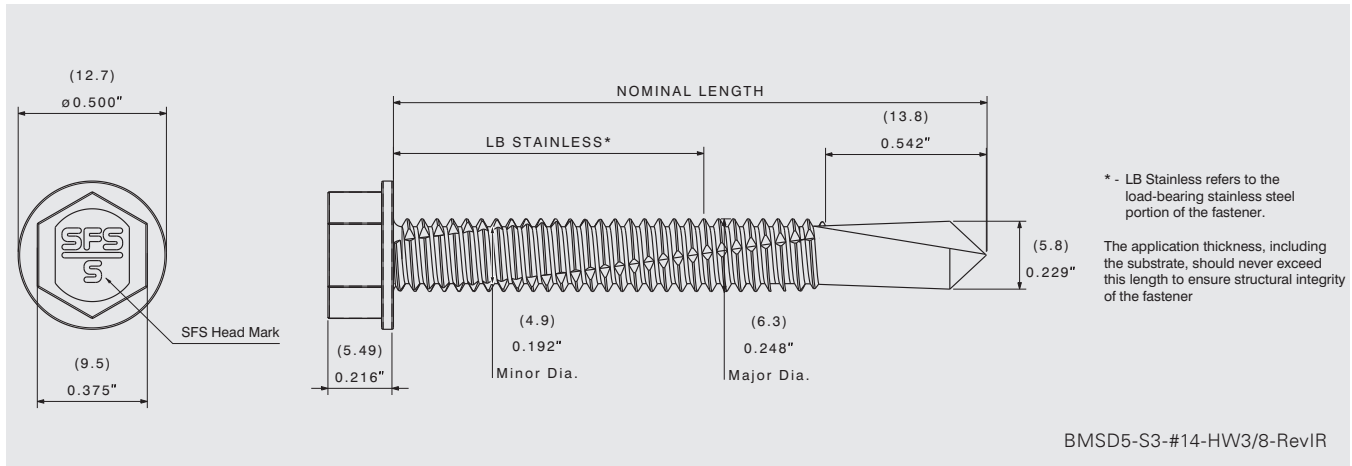
Product Selection

Material No.	Fastener Length		Load Bearing Length		Description	Carton Wt. (lbs.)	Carton Qty.
	(in)	(mm)	(in)	(mm)			
1558130	2"	51	0.94"	24	BMSD5-S3-#14x2-HW3/8	16	1,000
1558131	4"	102	2.97"	75	BMSD5-S3-#14x4-HW3/8	15	500

Product bagged 250 pieces, unless otherwise noted.



1/4-20 SD5 Bi-Met 300[®] Subframe Attachment



Product Specifications

Diameter: 1/4" (6.3 mm)
 Threads Per Inch: 20
 Head Style: HWH 3/8" (9.5 mm) AF
 Material: 304SS

Drill Point: SD5
 Drill Capacity: 0.500" (12.7 mm) Max
 Thread Major Dia: 0.248" (6.3 mm)
 Thread Minor Dia: 0.192" (4.9 mm)

Performance Data^{1,2,3}

Material Strength

Tensile	4089 lbf / 18189 N
Shear	2732 lbf / 12153 N
Torsional*	150 lbf-in / 16.5 N·m

Pull Out Strength Steel

1/4" (6.4 mm) ^a	4066 lbf / 18066 N
5/16" (7.9 mm) ^a	Exceeds tensile

Pull Out Strength Aluminum

1/4" (6.4 mm) 6063-T5	2598 lbf / 11556 N
3/8" (9.5 mm) 6063-T5	4026 lbf / 17909 N

^a 36 ksi

* Torsional values for Stainless Steel section only.

¹ CCRR-0387

² See CCRR-0387 for design loads and additional properties

³ PLK 21016

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.

US
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Canada
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Metric values are approximate conversions.

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. (07/2021, V1.01)