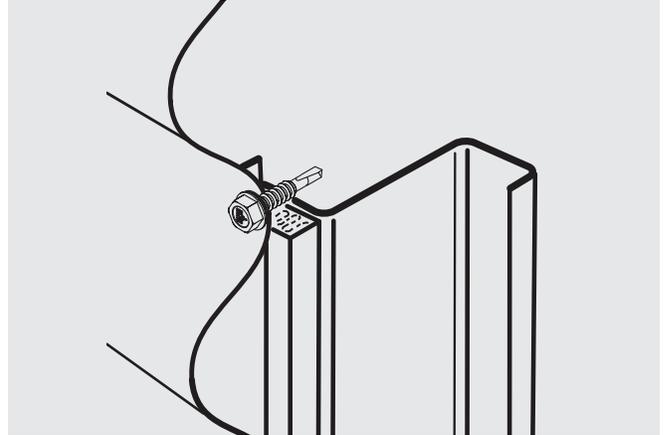




SX5 Hex Bi-Met 300™ Metal to Metal



Features and Benefits

- Corrosion resistant 300 series stainless
- Delivers ultimate performance in medium gauge applications
- Precision cold forged carbon steel point assures point strength and fast drilling performance through high strength steel and nested purlins
- Available with no sealing washer or stainless bond seal washer
- Color matched Vista spray available

Application

- Light and medium gauge metal connections
- Dissimilar metal connections

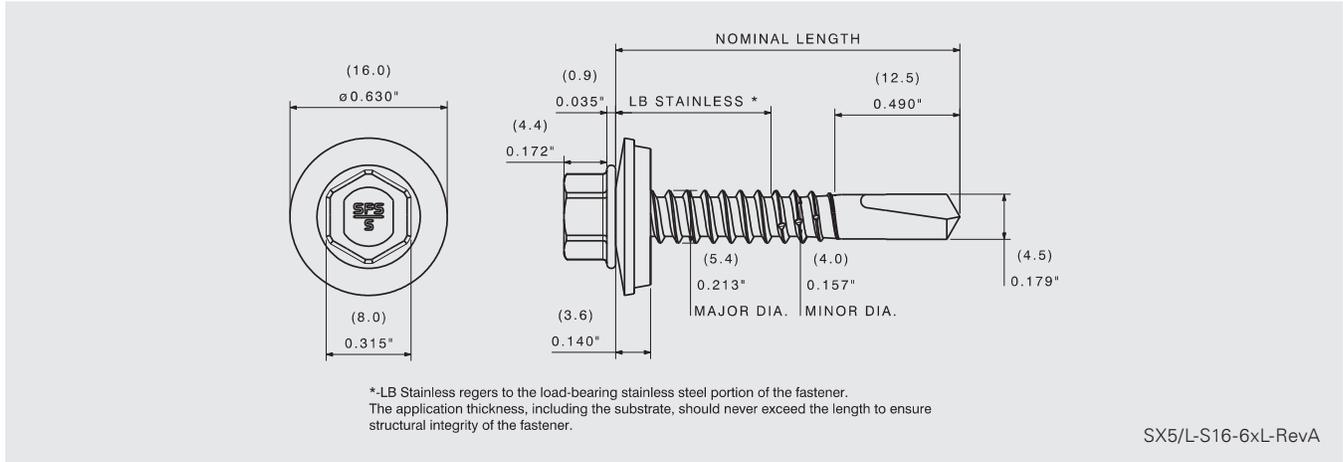
Product Selection

Material No.	Fastener Length		Load Bearing Length		Description	Carton Wt. (lbs.)	Carton Qty.
	(in)	(mm)	(in)	(mm)			
1122767	1-1/4"	31	0.31"	8	SX5/8-S16-5,5x31	8	500
1123168	1-1/2"	35	0.47"	12	SX5/12-S16-5,5x35	9	500
1134477	1-5/8"	41	0.70"	18	SX5/18-S16-5,5x41	10	500
1168765	2-1/2"	61	1.50"	38	SX5/38-S16-5,5x61	3	100
1133330	3-1/8"	78	2.19"	55	SX5/55-S16-5,5x78	14	250

Dimensions in inches are approximate conversions.



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Product Specifications

Diameter: Nominal #12 (5.4 mm)
 Threads Per Inch: 11
 Head Style: 5/16" dia HWH AFL (8.0 mm)
 Washer: 5/8" stainless and EPDM bond seal (16 mm)

Material: 304SS
 Drill Point: SD3
 Drill Capacity: 0.060"–0.157" (1.5 mm–4.0 mm)
 Thread Major Dia: 0.213" (5.4 mm)
 Thread Minor Dia: 0.157" (4.0 mm)

Performance Data^{1,2}

Material Strength		Pull Out Strength Steel		Pull Over Strength Steel	
Tensile	2743 lbf / 12200 N	16 Ga (1.5mm)	470 lbf / 2090 N	26 Ga (0.5 mm)	1141 lbf / 5075 N
Shear	2149 lbf / 9559 N	14 Ga (1.9 mm)	656 lbf / 2920 N	24 Ga (0.6 mm)	1420 lbf / 6316 N
Torsional	70 lbf-in / 7.9 N-m	12 Ga (2.7 mm)	1250 lbf / 5560 N		

¹ ETA-10/0198

² SFS 5625.19

Installation and Application Considerations

Fasteners should provide for a minimum of 3 fully developed threads through the metal substrates.

Tools: 0–2000 rpm screw gun equipped with depth sensing nose piece

Use of impact guns or hammer drills is not recommended.