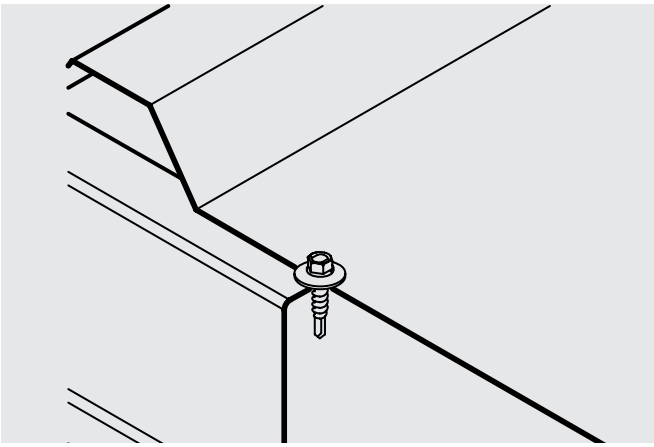
#10-16 Impax Utility SD3 Metal to Metal Fastener



Features and Benefits

- Precision cold forged point assuring superior strength and the fastest drilling time performance
- Designed to have low driving and thread engagement torque and provide maximum clamp load
- Available with no sealing washer or with bond seal washer
- VistaCoat® premium coating system
- VistaCoat® limited warranty

Application

Metal panel to light gauge metal application

Product Selection

Material No.	Fastener Length		Thread Length*	Load Bearing Length		Description	Carton Wt. (lbs.)	Carton Qty.
	(in)	(mm)		(in)	(mm)			
793256	3/4"	19	Full	0.31"	8	SDU-#10x3/4-HW5/16-GB1/2	45	5,000
793373	1"	25	Full	0.56"	14	SDU-#10x1-HW5/16-GB1/2	50	4,000
793475	1-1/2"	38	Full	1.06"	27	SDU-#10x1-1/2-HW5/16-GB1/2	30	2,500

Plain product bagged 250 pieces, unless otherwise noted.

*Note – Thread length measured from end of pilot length to top of the threads.

US
T 800 234 4533
us.sfs.com

Canada
T 866 847 5400
ca.sfs.com

Metric values are approximate conversions.

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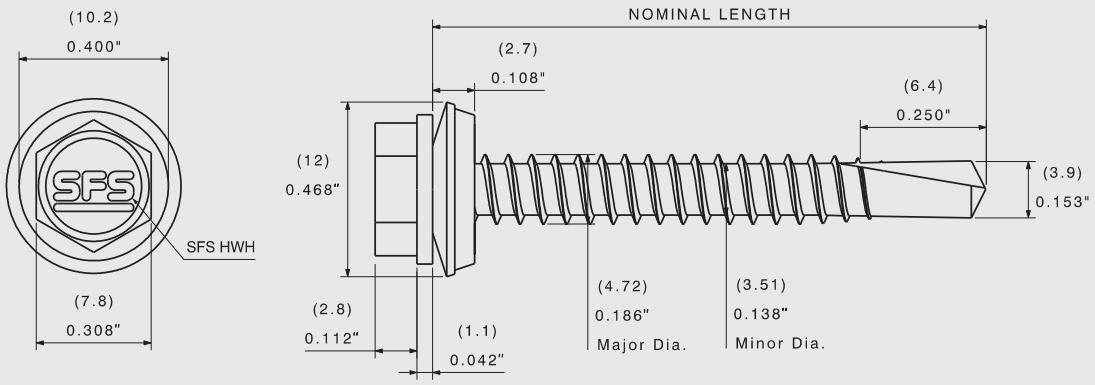

*Fastener dimensions shown are for 1" and longer lengths

SDU-10XL-HW5/16-GB1/2-RevL

Product Specifications

Diameter:	#10 (4.72 mm)
Threads Per Inch:	16
Head Style:	5/16" dia. HWH AF (7.8 mm)
Washer:	1/2" galvanized and EPDM bond seal (11.9 mm)
Drill Point:	SD3
Drill Capacity:	0.035"–0.176" (0.889 mm–4.47 mm)
Thread Major Dia:	0.186" (4.72 mm)
Thread Minor Dia:	0.138" (3.51 mm)

Performance Data[1, 2, 3]

Material Strength

Tensile	1825 lbf / 8118 N
Shear	1535 lbf / 6828 N
Torsional	61 lbf·in / 6.89 N·m

Pull Over Strength Steel

29 Ga (0.3 mm):	577 lbf / 2567 N
26 Ga (0.5 mm):	637 lbf / 2834 N
24 Ga (0.6 mm):	800 lbf / 3559 N

Pull Out Strength Steel

	ICC protocol 45 ksi	SFS testing 56 ksi
16 Ga (1.5 mm)	494 lbf / 2197 N	590 lbf / 2624 N
14 Ga (1.9 mm)	740 lbf / 3291 N	901 lbf / 4007 N
12 Ga (2.7 mm)	1287 lbf / 5724 N	1591 lbf / 7007 N

[1] Pull over strength values are based on metal panel ksi values: 29 ga. (100 ksi), 26 ga. (70 ksi), 24 ga. (70 ksi)
[2] SFS 4936.12
[3] STQA50573

Installation and Application Considerations

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

Fastener length should provide for a minimum of 3/16" penetration of fully developed threads into metal substrate.

Use of impact guns or hammer drills is not recommended.

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