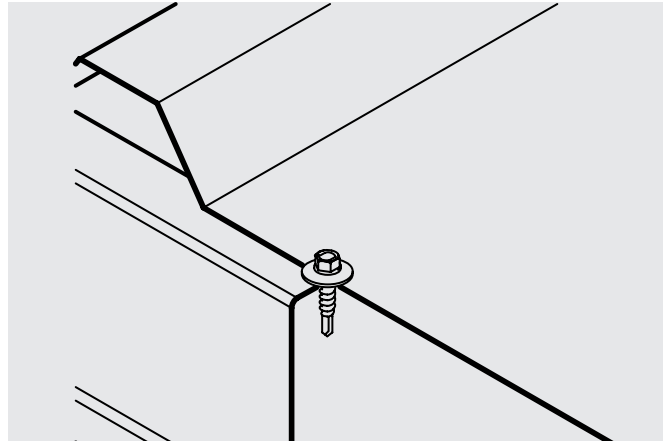


#10–16 Impax Utility SD3 Metal to Metal Fastener



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

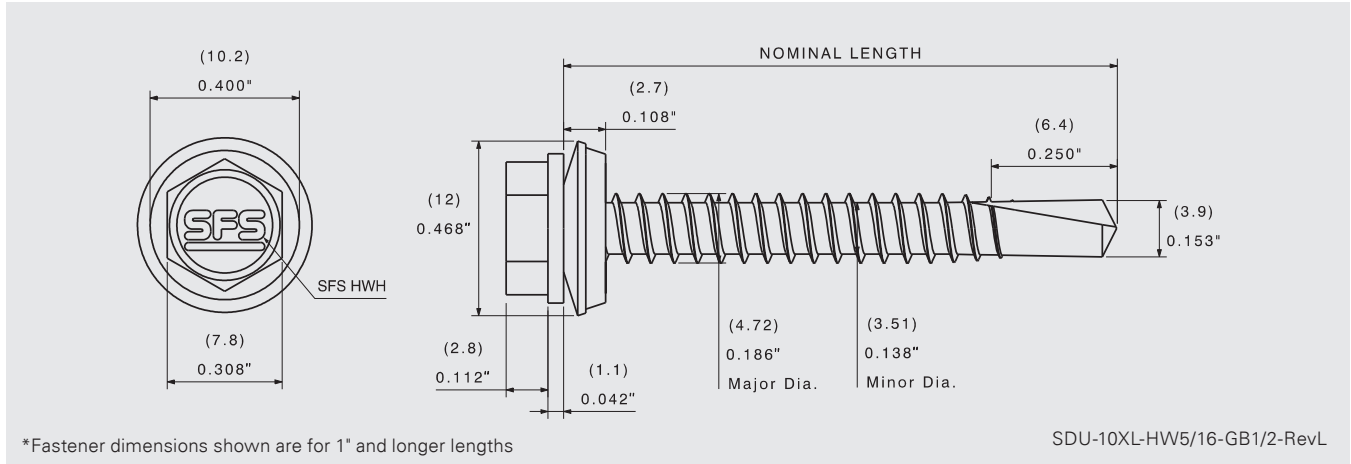
Material No.	Fastener Length	Thread* Length	Description	Carton Wt. (lbs.)	Carton Qty.
793256	3/4"	Full	SDU-#10x3/4-HW5/16-GB1/2	45	5,000
793373	1"	Full	SDU-#10x1-HW5/16-GB1/2	50	5,000
793475	1-1/2"	Full	SDU-#10x1-1/2-HW5/16-GB1/2	30	2,500

Plain product bagged 250 pieces, unless otherwise noted.

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



#10–16 Impax Utility SD3 Metal to Metal Fastener



Product Specifications

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

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

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.

US
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Metric values are approximate conversions.

The details stated are results of tests and/or calculations and therefore are non-binding and do not represent warranties or warranted characteristics for not specified applications. All calculations therefore have to be checked and approved by the responsible planner ahead of execution. The user is responsible to assure compliance with all applicable laws and regulations.