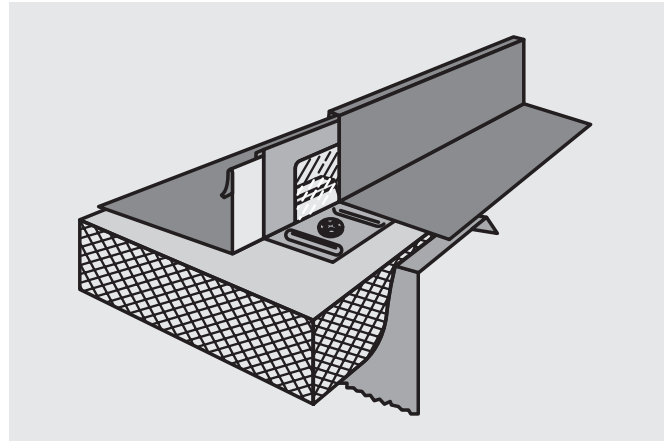
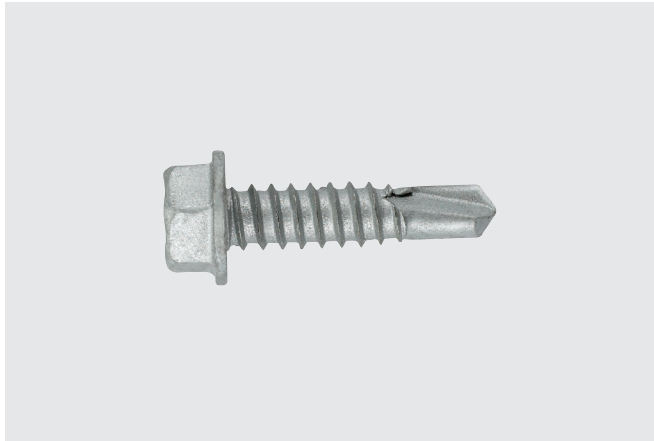


# 1/4-14 Self-Drill HWH SD2 (5/16") SSR Panel Clip to Metal Fastener



## Features and Benefits

- Self-drill #2 point for fast installation
- Hex washer head provides driving stability
- VistaCoat™ premium coating system
- VistaCoat™ limited warranty

## Application

Standing seam panel clip attachment to metal substrate

## Product Selection

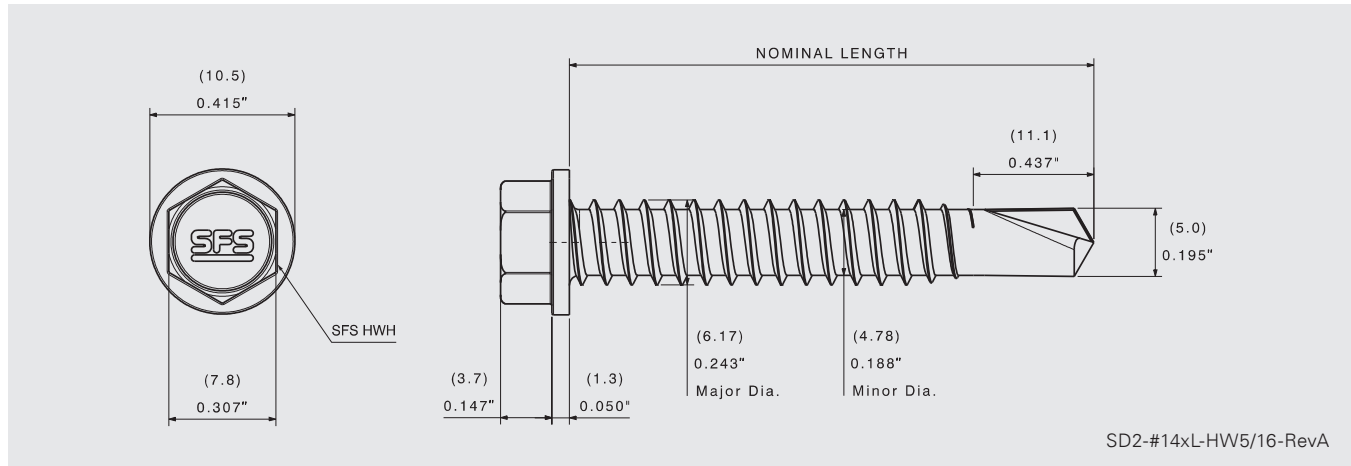
Material No.	Fastener Length		Thread Length*	Load Bearing Length		Description	Carton Wt. (lbs.)	Carton Qty.
	(in)	(mm)		(in)	(mm)			
798666	1-1/4"	32	Full	0.60"	15	SD2-#14x1-1/4-HW5/16	34	2,000
504058	1-1/2"	38	Full	0.85"	22	SD2-#14x1-1/2-HW5/16	40	2,000

Plain product bagged 250 pieces, unless otherwise noted.

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



# 1/4-14 Self-Drill HWH SD2 (5/16") SSR Panel Clip to Metal Fastener



## Product Specifications

Diameter: 1/4" (6.17 mm)  
Threads Per Inch: 14  
Head Style: 5/16" dia. HWH AF (7.8 mm)

Drill Point: SD2  
Drill Capacity: 0.050"–0.150" (1.27 mm–3.81 mm)  
Thread Major Dia: 0.243" (6.17 mm)  
Thread Minor Dia: 0.188" (4.78 mm)

## Performance Data<sup>1,2,3</sup>

### Material Strength

Tensile	3600 lbf / 16020 N
Shear	2700 lbf / 12015 N
Torsional	150 lbf·in / 17.0 N·m

### Pull Out Strength Steel

	ICC protocol 45 ksi	SFS testing 56 ksi
16 Ga (1.5 mm)	642 lbf / 2855 N	903 lbf / 4017 N
14 Ga (1.9 mm)	940 lbf / 4181 N	1312 lbf / 5836 N
12 Ga (2.7 mm)	1538 lbf / 6841 N	2088 lbf / 9288 N

<sup>1</sup> SFS [4811.12, 4812.12]

<sup>2</sup> STQA50573

<sup>3</sup> PLK 10603

## 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.**