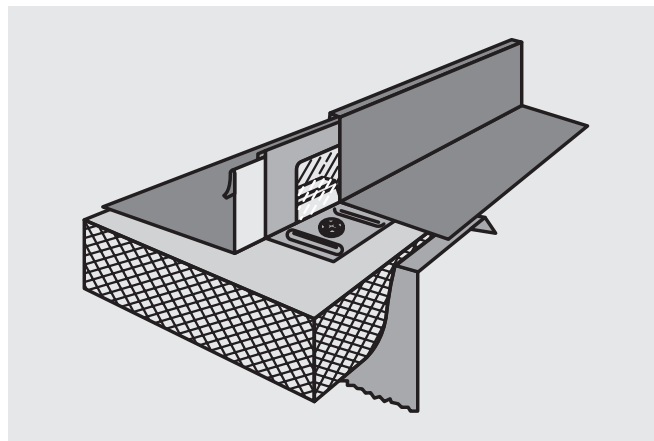
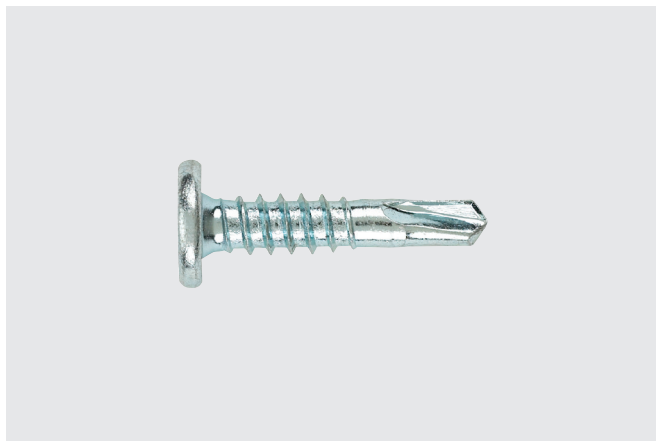


#12 Self-Drill Pancake SD2 SSR Panel Clip to Metal Fastener



Features and Benefits

- Pancake head low profile fits under most panel profiles
- Self-drill #2 point for fast installation
- #2 square drive provides driving stability
- Zinc plated

Application

Standing seam panel clip attachment to metal substrate

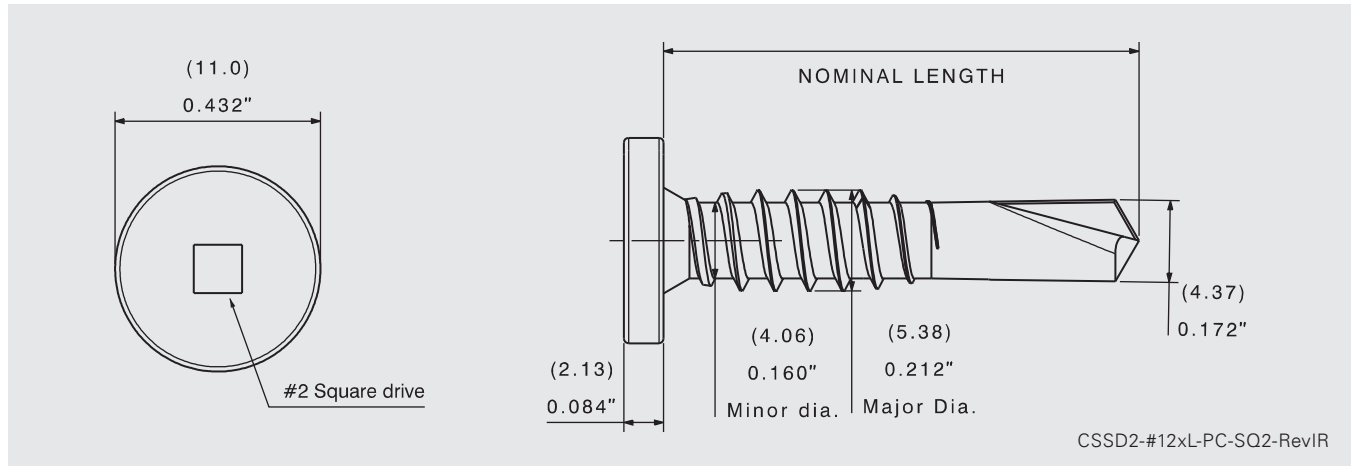
Product Selection

Material No.	Fastener Length		Thread Length*	Load Bearing Length		Description	Carton Wt. (lbs.)	Carton Qty.
	(in)	(mm)		(in)	(mm)			
1545849	1"	25	Full	0.35"	9	CSSD2-#12x1-PC-SQ2	25	2,500

Plain product bagged 250 pieces, unless otherwise noted.

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

#12 Self-Drill Pancake SD2 SSR Panel Clip to Metal Fastener



Product Specifications

Diameter: #12 (5.38 mm)
 Threads Per Inch: 14
 Head Style: Pancake
 Drive: #2 square

Drill Point: SD2
 Drill Capacity: 0.035"–0.210" (0.9 mm–5.3 mm)
 Thread Major Dia: 0.212" (5.38 mm)
 Thread Minor Dia: 0.160" (4.06 mm)

Performance Data^{1,2}

Material Strength

Tensile	2500 lbf / 11125 N
Shear	1800 lbf / 8010 N
Torsional	120 lbf·in / 13.6 N·m

Pull Out Strength Steel

	ICC protocol 45 ksi	SFS testing 56 ksi
16 Ga (1.5 mm)	555 lbf / 2469 N	724 lbf / 3221 N
14 Ga (1.9 mm)	834 lbf / 3710 N	1010 lbf / 4493 N
12 Ga (2.7 mm)	—	1539 lbf / 6846 N

¹ PLK 10103

² 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.