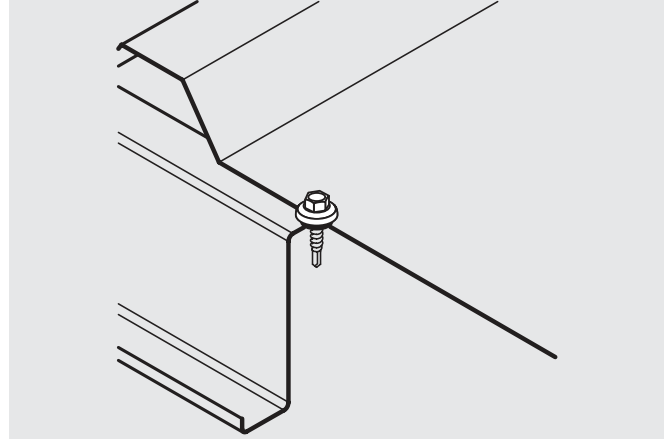


#1/4-14 ZAC[®] Impax SD2 (3/8") Metal to Metal Fastener



Features and Benefits

- Zinc alloy cap head that will never red rust
- Precision cold forged assuring superior strength and the fastest drilling time performance
- Designed to have low driving and thread engagement torque and provide maximum clamp load
- Special long pilot length to accommodate nested purlins
- Assembled EPDM sealing washer for a consistent weather tight seal
- Long life fastener limited warranty

Application

Metal panel to light and medium gauge metal application

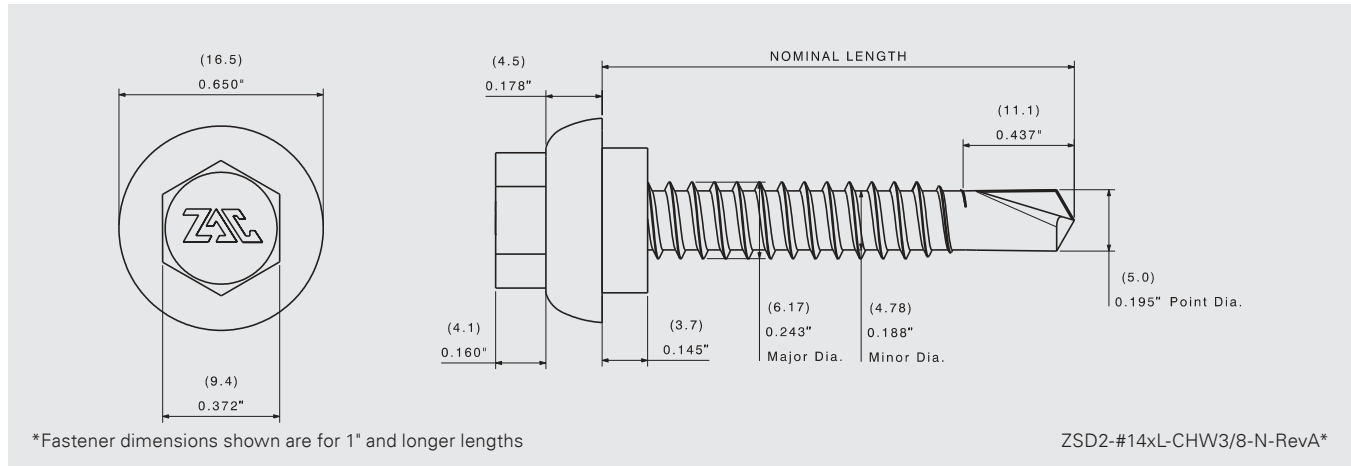
Product Selection

Material No.	Fastener Length		Thread Length*	Load Bearing Length		Description	Carton Wt. (lbs.)	Carton Qty.
	(in)	(mm)		(in)	(mm)			
798668	1-1/4"	32	Full	0.60"	15	ZSD2-#14x1-1/4-CHW3/8-N	46	2,000
799033	1-1/2"	38	Full	0.85"	22	ZSD2-#14x1-1/2-CHW3/8-N	44	1,500

Plain product bagged 250 pieces, unless otherwise noted.

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

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Product Specifications

Diameter: 1/4" (6.17 mm)

Threads Per Inch: 14

Head Style: 3/8" dia. Zinc aluminum capped HWH AF (9.4 mm)

Washer: EPDM sealing washer

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^{1,2,3}

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

Pull Over Strength Steel

26 Ga (0.5 mm)	616 lbf / 2740 N
24 Ga (0.6 mm)	884 lbf / 3932 N
22 Ga (0.8 mm)	1079 lbf / 4800 N

¹ SFS [4811.12, 4812.12]

² STQA50573

³ 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.