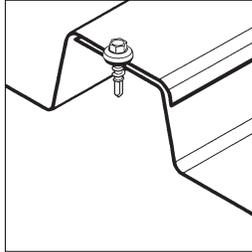


## Application

- Panel to panel side lap, end lap, and other stitch applications



## Features and Benefits

- Zinc alloy cap head that will never red rust
- Self-drill point for fast installation
- Assembled EPDM sealing washer for a consistent weather tight seal
- Long life fastener limited warranty

## Product Selection

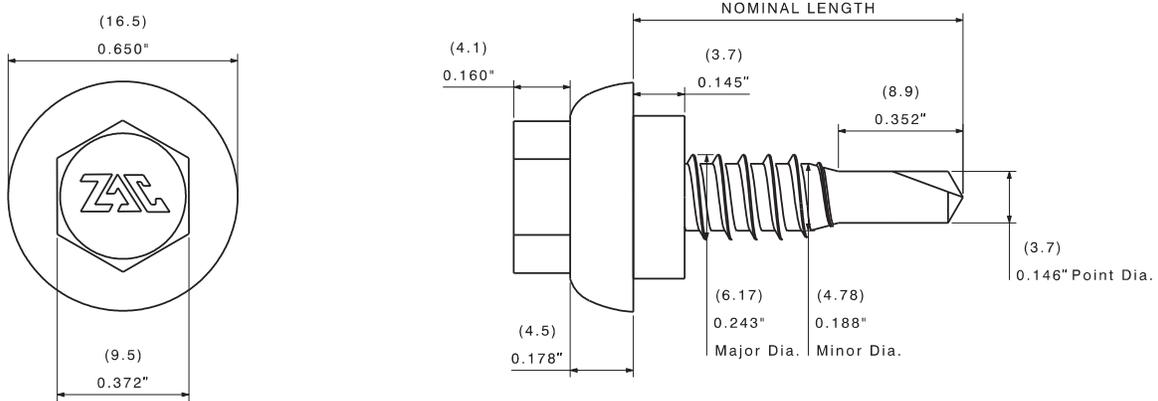
Material No.	Fastener Length	Thread* Length	Description	Carton Wt. (lbs.)	Carton Qty.
797809	7/8"	Full	ZSDL-#14x7/8-CHW3/8-N	40	2000

Plain product bagged 250 pieces, unless otherwise noted.

\*Note - Thread length measured from tip of the drill point to top of the threads.

The details stated are results of tests and/or calculations and therefore are non-binding and do not represent guaranties 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.

## CAD Drawing: ZSDL-14xL-CHW3/8-N-RevIR



## Product Specifications

Diameter: 1/4" (6.17mm)  
 Threads Per Inch: 14  
 Head Style: 3/8" dia. HWH AF (9.5mm)  
 Washer: EPDM sealing washer

Drill Point: SD1  
 Drill Capacity: 0.030-0.095" (0.762mm-2.413mm)  
 Thread Major Dia: 0.243" (6.17mm)  
 Thread Minor Dia: 0.188" (4.78mm)

## 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

**22 Ga (0.8mm):** 318 lbf / 1414 N  
**20 Ga (0.9mm):** 412 lbf / 1832 N  
**18 Ga (1.2mm):** 560 lbf / 2491 N

### Pull Out Strength Steel

#### SFS testing 56 ksi

**26 Ga (0.5mm):** 204 lbf / 907 N  
**24 Ga (0.6mm):** 304 lbf / 1352 N  
**22 Ga (0.8mm):** 379 lbf / 1686 N

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

<sup>2</sup> STQA50573

<sup>3</sup> PLK 10403

## Installation and Application Considerations

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

**Use of impact guns or hammer drills is not recommended.**

Composite thickness should not exceed 0.095" (2.4mm).

Metric values are approximate conversions.

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