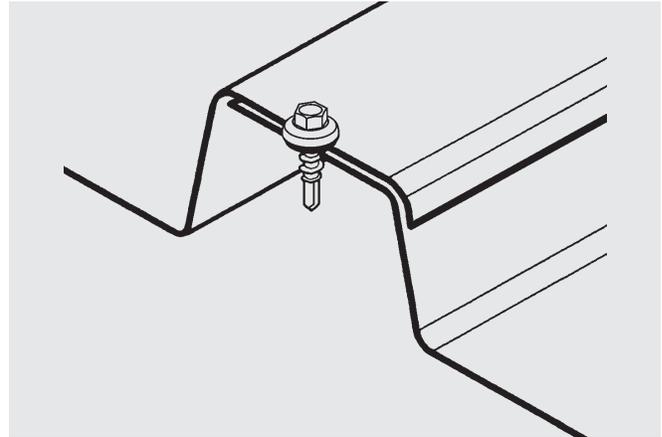


# 1/4-14 ZAC<sup>®</sup> Impax Lap (5/16") Panel to Panel Fastener



### 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

### Application

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

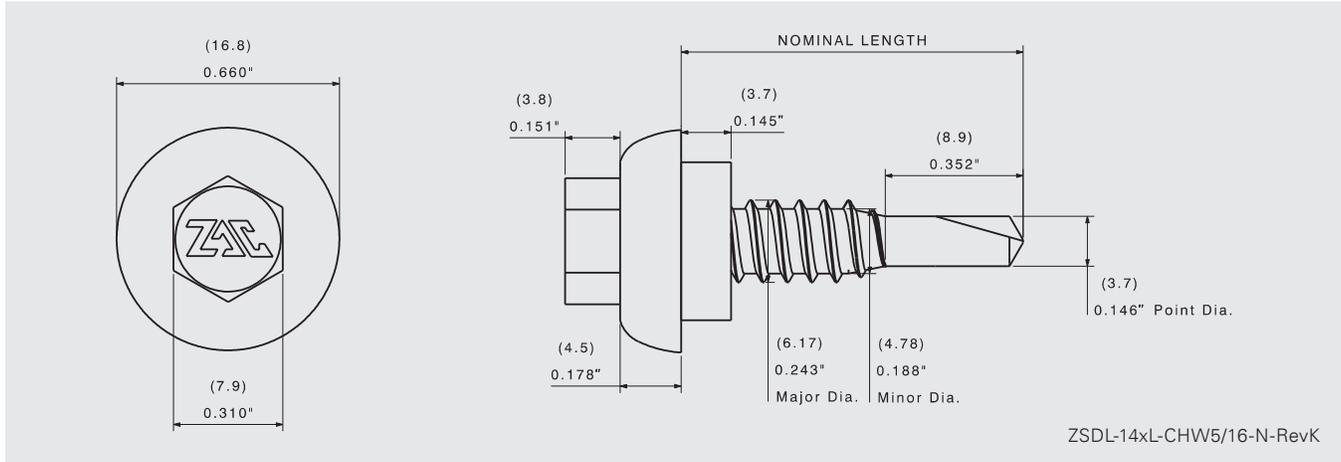
### Product Selection

| Material No. | Fastener Length |      | Thread Length* | Description            | Carton Wt. (lbs.) | Carton Qty. |
|--------------|-----------------|------|----------------|------------------------|-------------------|-------------|
|              | (in)            | (mm) |                |                        |                   |             |
| 797195       | 7/8"            | 22   | Full           | ZSDL-#14x7/8-CHW5/16-N | 36                | 2,000       |

Plain product bagged 250 pieces, unless otherwise noted.

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

# 1/4-14 ZAC<sup>®</sup> Impax Lap (5/16") Panel to Panel Fastener



## Product Specifications

Diameter: 1/4" (6.17 mm)  
 Threads Per Inch: 14  
 Head Style: 5/16" dia. HWH AF (7.9 mm)  
 Washer: EPDM sealing washer

Drill Point: SD1  
 Drill Capacity: 0.030–0.095" (0.762 mm–2.413 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   |                  |
|-----------------------|------------------|
| <b>22 Ga (0.8 mm)</b> | 318 lbf / 1414 N |
| <b>20 Ga (0.9 mm)</b> | 412 lbf / 1832 N |
| <b>18 Ga (1.2 mm)</b> | 560 lbf / 2491 N |

### Pull Out Strength Steel

| SFS testing 56 ksi    |                  |
|-----------------------|------------------|
| <b>26 Ga (0.5 mm)</b> | 204 lbf / 907 N  |
| <b>24 Ga (0.6 mm)</b> | 304 lbf / 1352 N |
| <b>22 Ga (0.8 mm)</b> | 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.

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

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