

Zinc Nailin Termination Fastener ZNI



Features and Benefits

- Mushroom head style
- Plated steel nail body: Zamac alloy
- Long life coating and composition resists corrosion
- Packed in convenient inner carton of 100 pieces

Application

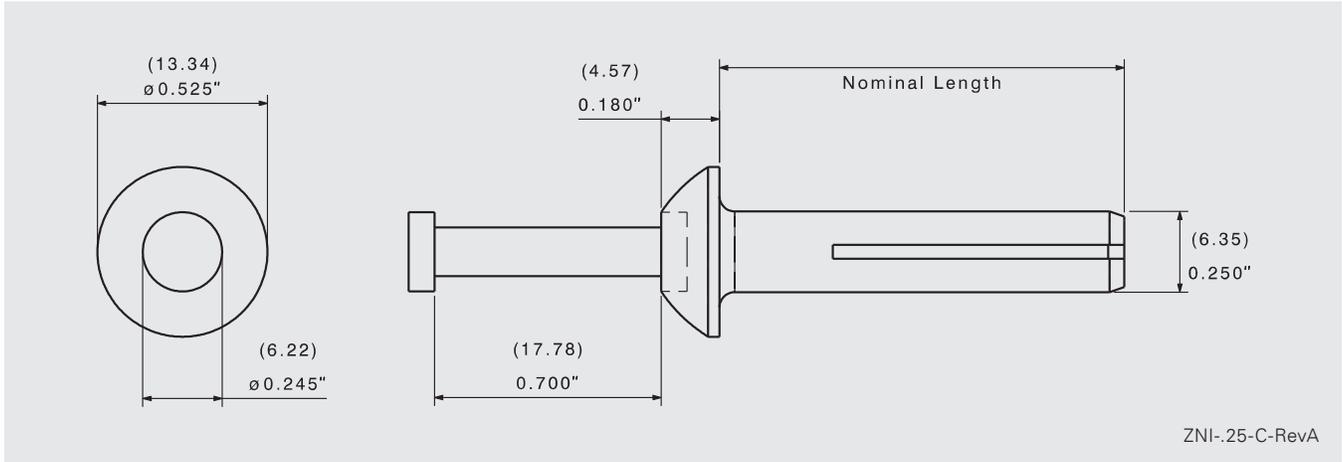
Fastens termination bar at wall terminations

Product Selection

| Material No. | Fastener Length | Diameter | Description | Carton Wt. (lbs.) | Carton Qty. |
|--------------|-----------------|----------|-----------------|-------------------|-------------|
| 792881 | 1" | 1/4" | ZNI-1/4x1-C | 10 | 500 |
| 792882 | 1-1/4" | 1/4" | ZNI-1/4x1-1/4-C | 12 | 500 |
| 792884 | 1-1/2" | 1/4" | ZNI-1/4x1-1/2-C | 13 | 500 |
| 792885 | 2" | 1/4" | ZNI-1/4x2-C | 16 | 500 |

Packed in 100-piece inner cartons.

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ZNI-.25-C-RevA

Performance Data¹

| Material Strength | Performance Load Capacity based on 2000 psi concrete* | | | |
|------------------------|---|------------------|------------------|------------------|
| Embedment Depth | 5/8" (15.9 mm) | 3/4" (19.1 mm) | 1" (25.4 mm) | 1-1/4" (31.7 mm) |
| Tension load | 410 lbf / 1823 N | 540 lbf / 2402 N | 620 lbf / 2757 N | 700 lbf / 3113 N |
| Shear Load | 440 lbf / 1957 N | 600 lbf / 2668 N | 640 lbf / 2846 N | 720 lbf / 3202 N |

* All load values listed are ultimate load capacities and are not allowable load capacities. These loads should be reduced by an appropriate safety factor of at least 4 to determine the allowable load.

¹ SFS 5541.18

Installation and Application Considerations

Load capacity is related to embedment depth. Select anchor length to provide needed embedment depth for the installed anchor. The 1-1/4" length is popular for 1/8" composite thickness applications resulting in 1-1/8" embedment.

Tools: Carbide-tipped masonry drill bit sized slightly larger than nominal diameter to allow clearance. A 1/4" nominal size is actually .260"-.268" dia.

Procedure: Position the fixture and drill a hole the same diameter as the zinc nailin (1/4"). Insert the anchor and tap gently against the fixture to be fastened. Drive the nail flush to the anchor head to expand the anchor.

Use with:

- Concrete
- Brick
- Block
- Stone