# Zinc Nailon™ Pin Drive Anchors

Zinc Nailon anchors are low-cost, easy-to-install anchors for applications under static loads.

#### **Features**

- Available with carbon and stainless-steel pins
- Pin and head configuration designed to make anchor tamper-resistant

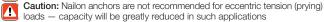
#### Materials

- Body Die-cast Zamac 3 alloy
- Pin Carbon steel; Type 304 stainless steel

Code: Meets Federal Specification A-A-1925A, Type 1

#### Installation

Caution: Not for use in overhead applications.



- 1. Drill a hole in base material using a carbide drill bit the same diameter as the nominal diameter of the anchor to be installed. Drill the hole to specified embedment depth, plus 1/4" for pin extension, and blow hole clean using compressed air. Alternatively, drill the hole deep enough to accommodate embedment depth and dust from drilling.
- 2. Position fixture and insert Nailon anchor.
- 3. Tap with hammer until flush with fixture, then drive pin until flush with top of head.



**Zinc Nailon Anchor** (Mushroom)

### Zinc Nailon Product Data

Size	Carbon Steel Pin	Stainless Steel Pin	Quantity		
(in.)	Model No.	Model No.	Вох	Carton	Bulk
3/16 X 7/8	ZN18078	_	100	1,600	3,000
1/4 X 3/4	ZN25034	ZN25034SS	100	500	2,000
1/4 x 1	ZN25100	ZN25100SS	100	500	1,500
1/4 x 1 1/4	ZN25114	ZN25114SS	100	500	1,500
1/4 X 1 1/2	ZN25112	ZN25112SS	100	500	1,000
1/4 x 2	ZN25200	ZN25200SS	100	400	1,000
1/4 x 21/2	ZN25212	ZN25212SS	100	400	1,000
1/4 x 3	ZN25300	ZN25300SS	100	400	1,000

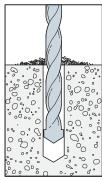
Allowable Tension and Shear Loads for Zinc Nailon in Normal-Weight Concrete

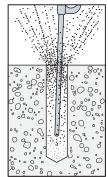
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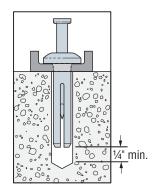
Size (in.)	Drill Bit Dia. (in.)	Embed. Depth (in.)	Ultimate Loads (lb.)		Allowable Loads (lb.) <sup>1</sup>	
			f' <i>c</i> ≥ 3,000 psi		f' <i>c</i> ≥ 3,000 psi	
			Tension	Shear	Tension	Shear
3/16	3/16	5/8	460	465	115	115
1/4		5/8	590	635	150	160
	1/4	3/4	780	765	195	190
		1 1/2	1,050	1,050	265	265

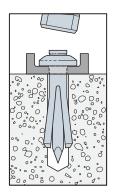
<sup>1.</sup> The allowable loads are based on a safety factor of 4.0.

## Installation Sequence









<sup>\*</sup> See p. 13 for an explanation of the load table icons