

Nailon™ Pin Drive Anchors

Nylon and Zinc Nailon™ anchors are low cost anchors for light-duty applications under static loads.

SPECIAL FEATURES:

- Nylon Nailon anchor: The nylon shell acts as an insulator when used in electrical applications.
- Zinc Nailon anchor: Available with carbon and stainless-steel pins. The pin and head configuration make this anchor tamper resistant.

MATERIAL: Nylon Body – Nylon – Pin – Cold-rolled steel
Zinc Body – die cast zinc alloy;
Pin – Carbon and stainless steel (Type 304)

CODES: Meets Federal Specification A-A-1925A, Type 1 (zinc mushroom),

INSTALLATION:

Caution: Oversized holes will make it difficult to set the anchor and will lower the anchor's load capacity.

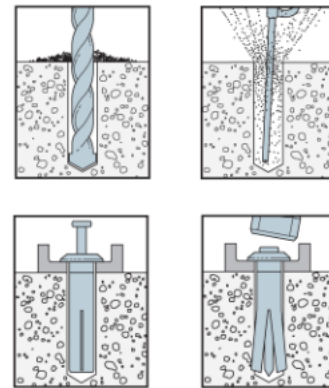
- Drill a hole in the base material using a carbide drill bit the same diameter as the nominal diameter of the anchor to be installed. Drill the hole to the specified embedment depth plus 1/8" for pin extension and blow it clean using compressed air. Alternatively, drill the hole deep enough to accommodate embedment depth and dust from drilling.
- Position fixture, insert Nailon anchor.
- Tap with hammer until flush with fixture; drive pin until flush with top of head.



Nylon Nailon™ Anchor (Mushroom, Round)

Zinc Nailon™ Anchor (Mushroom)

Installation Sequence



Nylon Nailon™ Product Data and Tension Loads in Normal-Weight Concrete



Head Style	Size (in.)	Model No.	Drill Bit Dia. (in.)	Embed. Depth (in.)	Allowable Tension Load (lbs.) f _c ≥ 3000 psi	Quantity	
						Box	Carton
R	3/16 x 1	N18100R	3/16	7/8	20	100	1600
M		N18100M				100	1600
R	3/16 x 1 1/2	N18112R	1/4	1 1/4	25	100	500
R	1/4 x 1	N25100R		7/8	20	100	1600
M		N25100M	100	1600			
R	1/4 x 1 1/2	N25112R	1/4	1 1/4	30	100	500
M		N25112M				100	500
M	1/4 x 2	N25200M	1/4	1 1/2	40	100	400
R		N25200R				100	400
M	1/4 x 3	N25300M	1/4	2	40	50	200

R = Round Head; M = Mushroom Head

1. Allowable loads listed are based on a safety factor of 4.0.

Zinc Nailon™ (Mushroom Head) Product Data and Tension and Shear Loads in Normal-Weight Concrete



Size (in.)	Carbon Steel Pin Model No.	Stainless Steel Pin Model No.	Drill Bit Dia. (in.)	Embed. Depth (in.)	Allowable Load (lbs.)		Quantity		
					f _c ≥ 3000 psi		Box	Carton	Bulk
					Tension	Shear			
3/16 x 7/8	ZN18078	•	3/16	3/4	165	120	100	1600	1000
1/4 x 3/4	ZN25034	ZN25034SS	1/4	5/8	165	120	100	1600	
1/4 x 1	ZN25100	ZN25100SS		7/8	225	225	100	500	
1/4 x 1 1/4	ZN25114	ZN25114SS		1	255	225	100	500	
1/4 x 1 1/2	ZN25112	ZN25112SS		1 1/4	285	225	100	500	
1/4 x 2	ZN25200	ZN25200SS		1 1/2	285	260	100	400	
1/4 x 2 1/2	ZN25212	ZN25212SS		2	310	260	100	400	
1/4 x 3	ZN25300	ZN25300SS		2 1/2	310	260	100	400	

* See page 13 for an explanation of the load table icons

1. The allowable loads listed are based on a safety factor of 4.0.
2. Bulk Nailon anchors come packed in a single carton of 1,000. To order add a "B" onto the end of the model number. Example: ZN25100B. Not available with stainless-steel pins.