

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.

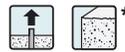
- Drill a hole in the base material using a carbide drill bit the same diameter as the nominal diameter of the anchor to be installed. Drill the hole to the specified embedment depth plus 1/8" for pin extension and blow it clean using compressed air. Alternatively, drill the hole deep enough to accommodate 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)

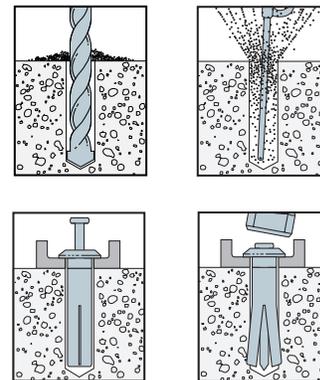
Nylon Nailon™ Product Data and Tension Loads in Normal-Weight Concrete



Head Style	Size (in.)	Model No.	Drill Bit Dia. (in.)	Embed. Depth (in.)	Allowable Tension Load (lbs.)		Quantity	
					f'c ≥ 3000 psi		Box	Carton
R	3/16 x 1	N18100R	3/16	7/8	25	100	1600	1600
M		N18100M						
R	3/16 x 1 1/2	N18112R	1/4	1 1/4	35	100	500	500
R	1/4 x 1	N25100R		7/8	25	100	1600	1600
M		N25100M						
R	1/4 x 1 1/2	N25112R	1/4	1 1/4	40	100	500	500
M		N25112M						
M	1/4 x 2	N25200M	1 1/2	50	100	400	400	
R		N25200R						
M	1/4 x 3	N25300M	2	50	50	200	200	

R = Round Head; M = Mushroom Head

Installation Sequence



Not for use in overhead applications

These anchors are not recommended for eccentric tension (prying) loading. Capacity can be greatly reduced in such applications.

Mechanical Anchors

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	•	1/4	3/4	165	120	100	1600	1000
1/4 x 3/4	ZN25034	ZN25034SS		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 10 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.