

Product Image



Product Specifications

Anchor Body Material	Zamac Alloy
Nail Material	Carbon Steel
Drive Nail	AISI 1018
Nail Plating	ASTM B 633, SC1, Type III (Fe/Zn5)

Applications

- Masonry anchorage
- Electrical fixtures
- Signage
- Flashing
- Drywall track
- Maintenance
- Surveillance equipment
- Light gauge attachments
- Roof flashings
- Mechanical attachments
- Tamperproof applications

Suitable Base Materials

- Normal-weight concrete
- Concrete masonry (CMU)
- Brick masonry
- Stone

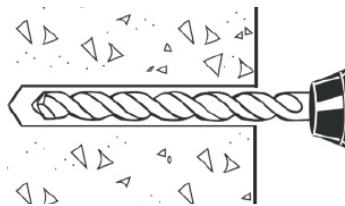
Zamac Anchors

Zamac anchors are nail drive anchors manufactured from a Zamac alloy, resulting in a corrosion resistant body. They can be used in concrete, block, brick or stone and in light duty or tamper resistant applications. These anchors are not recommended for use overhead or applications where holding values are critical.

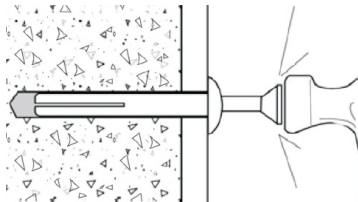
Features:

- General purpose anchoring
- Installs in a variety of base materials

Installation Instructions



1. Using the proper diameter bit, drill a hole into the base material to a depth of at least 1/4" deeper than the required embedment. The tolerances of the drill bit used should meet the requirements of ANSI Standard B212. 15. Blow the hole clean of dust and other material.



2. Insert the anchor through the fixture and into the drilled hole. Drive the nail into the anchor body to expand it. Be sure the head is seated firmly against the fixture and that the anchor is at the proper embedment. Take care not to overdrive the nail. This anchor is not recommended for installations at an angle or used overhead.

Installation Specifications

Dimension	Anchor Diameter, d	
	3/16	1/4
ANSI Drill Bit Size (in.)	3/16	1/4
Fixture Clearance Hole (in.)	1/4	5/16
Head Height (in.)	7/64	9/64
Head Width (in.)	13/62	35/64

PRODUCT SPECIFICATIONS



Ultimate Load Capacities in Normal-Weight Concrete^{1, 2}

Nominal Anchor Diameter d in.	Min. Embedment Depth (mm)	Minimum Concrete Compressive Strength	
		4,000 psi	
		Ultimate lbs. (kN)	
		Tension	Shear
3/16	3/4 (19)	400 (1.8)	560 (2.5)
1/4	3/4 (19)	800 (3.6)	850 (3.8)
	1 (25)	925 (4.1)	890 (4.0)
	1-1/4 (32)	1050 (4.7)	970 (4.3)
	1-1/2 (38)	1100 (4.9)	1005 (4.4)
	2 (51)	1200 (5.3)	1075 (4.7)

1. Tabulated load values are for anchors installed in concrete. Concrete compressive strength must be at the specified minimum at the time of installation.
2. Anchors must be installed flush with face or end of concrete surface.

Allowable Load Capacities in Normal-Weight Concrete^{1, 2, 3}

Nominal Anchor Diameter d in.	Min. Embedment Depth (mm)	Minimum Concrete Compressive Strength	
		4,000 psi	
		Allowable lbs. (kN)	
		Tension	Shear
3/16	3/4 (19)	100 (0.4)	140 (0.6)
1/4	3/4 (19)	200 (0.8)	215 (1.0)
	1 (25)	230 (1.0)	225 (1.0)
	1-1/4 (32)	260 (1.1)	245 (1.1)
	1-1/2 (38)	275 (1.2)	250 (1.1)
	2 (51)	300 (1.3)	270 (1.2)

1. Tabulated load values are for anchors installed in concrete. Concrete compressive strength must be at the specified minimum at the time of installation.
2. Allowable load capacities listed are calculated using an applied safety factor of 4.0. Anchors are not recommended for use overhead or for life safety. Consideration of safety factors of 20 or higher may be necessary depending upon the application such as in sustained tensile loading applications.
3. Anchors must be installed flush with face or end of concrete surface.