

HAMMER NAIL ANCHOR

(HNA) MECHANICAL ANCHORS

MiTek[®] PRO SERIES[™]



- ⇒ Useful for light load requirements
- ⇒ Fast and easy installation
- ⇒ Mushroom head design
- ⇒ No special drill bits required; installation using standard-sized ANSI tolerance drill bits
- ⇒ For a variety of anchoring needs
- ⇒ 1/4" diameter anchors are available in 3 lengths
- ⇒ Permanent tamper-proof fastening

HAMMER NAIL ANCHOR (HNA) MECHANICAL ANCHORS

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APPLICATIONS

- Metal door frames and thresholds
- Interior electrical applications
- Light fixtures
- Window frame installations
- Hand rails
- Wood furring strip attachment



INSTALLATION

1. DRILL	2. BLOW & CLEAN	3. PLACE	4. SET

Drill a hole into the base material of the correct diameter and depth using a drill bit that meets the requirements of ANSI B212.15-1994.

Remove dust and debris from hole using a blow bulb, compressed air or vacuum to remove the loose particles left from drilling.

Place fastener through the hole in the fixture into the predrilled hole in the base material until the flat side of the head rest of the fixture.

Drive protruding nail with a hammer until it is flush with the cap of the anchor.



See detailed installation and design instructions at MiTek-US.com to ensure proper installation and to reduce risk failure which could result in injury and/or property damage. MiTek will not be liable for any anchor failure due to defective substrate material or improper installation

LOAD TABLE

Size (in)	MiTek Stock No.	Ref. No.	Drill Bit Dia. (in)	Minimum Anchor Embedment (in)	Minimum Edge Distance (in)	Uncracked Concrete		Ordering MiTek Stock No.	Pieces per Selling Unit	Selling Unit per Master Carton
						Allowable Tension (lbs)	Allowable Shear (lbs)			
1/4 x 1-1/2	HNA014112	--	1/4	3/4	2-1/2	275	255	HNA014112-CR15	15	6
				1	2-1/2	335	310	HNA014112-CR40	40	6
1/4 x 2	HNA014200	--	1/4	1-1/4	2-1/2	395	365	HNA014200-CR15	15	6
1/4 x 3	HNA014300	--	1/4	1-1/2	2-1/2	405	375	HNA014300-CR15	15	6
								HNA014300-CR25	25	6
								HNA014300-CR40	40	6

- 1) Example Allowable Stress Design (ASD) values include an approximate safety factor of 4.
- 2) Values based on single anchor installations and do not consider critical edge distance or spacing. For full design information refer to MiTek-US.com.
- 3) Edge distance based on ACI318-14 section 17.7, designer shall verify distance is twice the maximum aggregate size and comply with section 20.6.1.
- 4) Values in table assume concrete strength $f'c = 4,000$ psi.