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CONFAST TRAW38H142

CONFAST 3/8" Threaded Rod Anchor for Wood, Horizontal, 1/4" x 2" Instruction Manual

Model: TRAW38H142

Introduction

This instruction manual provides essential information for the proper installation and use of the CONFAST 3/8" Threaded Rod Anchor, designed for secure fastening in wood applications. Adhering to these guidelines will ensure optimal performance and safety.

Key features of this anchor include its one-piece design for reduced installation cost and fast installation, saving time compared to traditional methods. For best holding values, it is recommended to install the anchor in the center of the wood member.

Product Overview

The CONFAST Threaded Rod Anchor is a specialized fastener featuring a wood screw thread on one end and an internal 3/8" machine thread on the other. This design allows for the attachment of 3/8" threaded rods into wood structures.



Figure 1: CONFAST 3/8" Threaded Rod Anchor. This image displays the anchor, showing its wood screw thread and the hexagonal head with an internal thread for rod attachment.



Figure 2: Side view of the CONFAST Threaded Rod Anchor, highlighting the full length of the wood screw and the threaded head.

Installation Instructions

Product Dimensions:

- Anchor Diameter: 1/4 inch
- Anchor Length: 2 inches

Required Tools:

- Drill Motor (3/8" or 1/2" chuck recommended)
- Correct Nut Driver for the CONFAST Threaded Rod Anchor

Installation Steps:

1. Insert the appropriate nut driver into the chuck of a 3/8" or 1/2" drill motor.
2. Place the CONFAST Threaded Rod Anchor into the nut driver.
3. Position the fastener horizontally against the surface of the wood base material.
4. Apply firm, consistent pressure while the drill rotates, driving the anchor into the wood.
5. Continue driving until the nut driver spins freely. This indicates that the fastener is securely seated. The nut driver is designed to cam out once the anchor is properly secured.

Important Installation Notes:

- **Minimum Wood Member Size:**
  - Not less than 2" nominal wide for up to 3-1/2" pipe.
  - Not less than 3" nominal wide for 4" & 5" pipe.
  - 2-1/2" nominal height for branch lines.
  - 3" nominal height for main lines.
- **Maximum RPM:** Do not exceed 1200 RPM during installation.
- **Drill Mode:** Do not install the fastener while the drill motor is in hammer or impact mode. Using these modes will significantly reduce or destroy the holding values of the anchor.
- **Optimal Placement:** For best holding values, install the anchor in the center of the wood member.



Figure 3: Two CONFAST Threaded Rod Anchors, illustrating their form factor for installation.

Operation

Once the CONFAST Threaded Rod Anchor is securely installed into the wood member as described in the Installation Instructions, a 3/8" threaded rod can be screwed into the internal thread of the anchor head. Ensure the threaded rod is tightened appropriately for the intended load, without over-tightening which could damage the anchor or the wood.

Maintenance

The CONFAST Threaded Rod Anchor is designed for long-term, maintenance-free performance once correctly installed. No specific maintenance or lubrication is required for the anchor itself. Periodically inspect the attached threaded rod and any connected components for signs of wear or loosening, and address as necessary.

Troubleshooting

- **Anchor Not Securing Properly:**
  - Ensure the correct nut driver is used and fully engaged with the anchor.
  - Verify the drill motor is not in hammer or impact mode. These modes can prevent proper seating and reduce holding strength.
  - Confirm the wood member meets the minimum size requirements.
  - Apply consistent, firm pressure during installation.
- **Anchor Damage During Installation:**
  - Check that the drill RPM does not exceed 1200. Excessive speed can cause damage.
  - Avoid using hammer or impact drill modes.

Specifications

Brand	CONFAST
Model Number	TRAW38H142
Fastener Type	Threaded Rod Anchor
Anchor Diameter	1/4 inch
Anchor Length	2 inches
Thread Size (Internal)	3/8 inch
Material	Carbon Steel, Zinc Plated Carbon Steel
Color	Silver
Package Dimensions	7.36 x 5.51 x 3.9 inches
Item Weight	7.23 Pounds (for box of 100)

Support Information

For further assistance, technical support, or inquiries regarding the CONFAST 3/8" Threaded Rod Anchor, please contact CONFAST customer service. Specific warranty information was not provided with this product documentation.
You may visit the official CONFAST store for more product details and contact options:CONFAST Store

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