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POWERS 07155

Powers Fastening Innovations 07155 Vertigo 1/4-Inch Steel Vertical Rod Hanging System User Manual

Model: 07155

1. Introduction

The Powers Fastening Innovations 07155 Vertigo Rod Hanging System is a specialized 1/4-inch steel vertical anchor designed for securely suspending threaded rod from various base materials, particularly suitable for #3 Purlins. This system provides a reliable and efficient solution for overhead hanging applications in construction and industrial settings. Each box contains 100 units, ensuring ample supply for projects.

2. Safety Information

Always prioritize safety when installing fasteners. Failure to follow safety guidelines can result in serious injury or property damage.

- **Wear appropriate personal protective equipment (PPE)**, including safety glasses, gloves, and hearing protection, especially when using power tools.
- **Ensure the work area is clear** and free from obstructions.
- **Verify the integrity of the base material** before drilling or installing. Do not install into damaged or unsuitable materials.
- **Use only the specified tools and accessories** for installation.
- **Keep hands and clothing clear** of moving parts when operating power tools.
- **Read and understand all instructions** before beginning installation.

3. Product Overview

The Vertigo 07155 is a robust 1/4-inch steel anchor designed for vertical rod hanging. It is engineered for quick and secure installation, providing a strong attachment point for threaded rods in overhead applications. The system is supplied in quantities of 100 units per box.

Key Features:

- **Material:** Alloy Steel

- **Finish:** Steel
- **Compatible Fastener Range:** 0.25 inch
- **Application:** Vertical rod hanging for #3 Purlins
- **Quantity:** 100 pieces per box

4. Setup and Installation

Proper installation is crucial for the performance and safety of the Vertigo Rod Hanging System. This anchor can be installed in a variety of suitable base materials.

Required Tools:

- Appropriate size standard drive sockets
- Hammer drill or powered impact wrench
- Drill bit matching the anchor's diameter
- Cleaning brush or compressed air for hole cleaning

Installation Steps:

1. **Drill the Hole:** Using a hammer drill and the correct diameter drill bit, drill a hole into the base material to the specified depth. Ensure the hole is perpendicular to the surface.
2. **Clean the Hole:** Thoroughly clean the drilled hole of all dust and debris using a brush or compressed air. A clean hole is essential for proper anchor performance.
3. **Insert the Anchor:** Place the Vertigo anchor into the cleaned hole.
4. **Tighten the Anchor:** Using an appropriate size standard drive socket and a powered impact wrench or hammer drill, tighten the anchor until it is fully set and secure. Refer to manufacturer specifications for recommended torque values if available.
5. **Attach Threaded Rod:** Once the anchor is securely installed, thread the 1/4-inch rod into the anchor.

Note: *Always consult local building codes and engineering specifications for specific application requirements.*

5. Operating Instructions

The Vertigo 07155 is a passive fastening component. Its 'operation' is primarily its secure installation and subsequent function as a stable hanging point. Once installed and the threaded rod is attached, ensure the connection is firm and stable. Periodically inspect the installation for any signs of loosening or damage, especially in environments subject to vibration or dynamic loads.

6. Maintenance

The Vertigo 07155 anchor requires minimal maintenance once installed. However, regular inspection is recommended to ensure long-term performance and safety.

- **Visual Inspection:** Periodically check the installed anchors and threaded rods for any signs of corrosion, deformation, or loosening.
- **Environmental Factors:** In corrosive environments, more frequent inspections may be necessary.
- **Retightening:** If any loosening is detected, carefully retighten the anchor to the specified torque, if applicable. Do not overtighten.

- **Replacement:** Any anchor showing signs of significant damage, corrosion, or failure to hold should be replaced immediately.

7. Troubleshooting

If you encounter issues during or after installation, consider the following:

- **Anchor Not Holding:**
  - Ensure the correct drill bit size was used.
  - Verify the hole was thoroughly cleaned of debris.
  - Confirm the anchor was tightened to the appropriate setting.
  - Check if the base material is suitable and not compromised.
- **Difficulty Inserting Anchor:**
  - Ensure the drilled hole is free of debris.
  - Verify the drill bit size matches the anchor.
- **Threaded Rod Not Engaging:**
  - Check for cross-threading.
  - Ensure the threaded rod is 1/4-inch and compatible.

If problems persist, contact Powers Fastening Innovations customer support.

8. Specifications

Attribute	Value
Brand	POWERS
Model Number	07155
Material	Alloy Steel
Finish Type	Steel
Number of Pieces	100
Item Weight	7.25 pounds
Product Dimensions	2.9 x 6.5 x 4.6 inches
Size	One Size
Head Style	Hex
Measurement System	inch
Compatible Fastener Range	0.25 inch

Attribute	Value
UPC	075352071558
ASIN	B00ITG8TGY
Date First Available	March 4, 2014

9. Warranty and Support

For information regarding product warranty, please refer to the official Powers Fastening Innovations website or contact their customer service directly. For technical support, installation queries, or troubleshooting assistance beyond this manual, please reach out to the manufacturer's support team.

Manufacturer: Powers Fastening Innovations

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