

Erico M24S

Erico M24S Caddy Armour Spring Steel Hammer-On Flange Clip User Manual

Model: M24S

1. PRODUCT OVERVIEW

The Erico M24S Caddy Armour Spring Steel Hammer-On Flange Clip is a specialized fastening device designed for attaching 1/4 inch-20 threaded rod to purlins, beams, or flanges. This clip offers a quick and efficient installation method, requiring only a hammer for secure attachment. It is constructed from durable spring steel, ensuring reliable performance in various industrial and construction applications.

Key features include its hammer-on installation, compatibility with 1/8 to 1/4 inch purlin/beam/flange thicknesses, and a 1/4 inch-20 TPI threaded mounting point for rod attachment. Its design minimizes inventory requirements by providing assorted attachment points.

2. SAFETY INFORMATION

Always observe standard safety precautions when installing this product. Failure to do so may result in injury or damage.

- Wear appropriate personal protective equipment (PPE), including safety glasses, when using a hammer for installation.
- Ensure the work area is clear of obstructions and other personnel.
- Verify the structural integrity of the purlin, beam, or flange before installation.
- Do not exceed the specified tensile strength of 25 pounds.
- Use only a hammer for installation; do not use power tools or other methods that could damage the clip or the structure.

3. SETUP AND INSTALLATION

The Erico M24S clip is designed for quick and easy hammer-on installation.

1. **Prepare the Surface:** Ensure the purlin, beam, or flange surface is clean and free from debris. The flange thickness must be between 1/8 inch and 1/4 inch for proper engagement.
2. **Position the Clip:** Place the Erico M24S clip onto the edge of the purlin, beam, or flange. Ensure the clip is seated squarely and firmly against the surface. The threaded hole should face the desired direction for rod attachment.
3. **Hammer into Place:** Using a standard hammer, strike the designated hammer-on tab of the clip firmly and squarely

until the clip is securely fastened to the flange. A single, strong strike is often sufficient. Verify that the clip is tightly gripping the flange and does not move.

4. **Attach Threaded Rod:** Once the clip is securely installed, thread a 1/4 inch-20 TPI threaded rod into the mounting hole on the clip. Tighten the rod as required for your application.



Figure 1: Erico M24S Caddy Armour Spring Steel Hammer-On Flange Clip securely installed on a wooden beam, demonstrating its hammer-on attachment and threaded rod connection point.

4. OPERATING INSTRUCTIONS

Once installed, the Erico M24S clip functions as a fixed anchor point for 1/4 inch-20 threaded rods. Its operation is passive, providing a secure connection for hanging or supporting various components. Ensure the threaded rod is fully engaged and tightened into the clip's mounting hole to maintain stability and prevent dislodgement.

5. MAINTENANCE

The Erico M24S clip requires minimal maintenance due to its robust spring steel construction.

- **Periodic Inspection:** Periodically inspect installed clips for any signs of corrosion, deformation, or damage.
- **Secureness Check:** Ensure the clip remains securely fastened to the flange and that the threaded rod is still tightly engaged.
- **Replacement:** If any damage or loosening is observed, replace the clip immediately to prevent potential failure.

6. TROUBLESHOOTING

Most issues with the Erico M24S clip relate to improper installation.

- **Clip is Loose After Installation:**
 - Ensure the flange thickness is within the specified 1/8 to 1/4 inch range.
 - Verify that the hammer strike was firm and direct on the hammer-on tab. Re-strike if necessary, or remove and re-install a new clip if the original is damaged.
- **Threaded Rod Does Not Engage:**
 - Confirm that the rod is 1/4 inch-20 TPI.
 - Check for any debris or damage within the clip's threaded hole.

7. SPECIFICATIONS

Attribute	Detail
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Model Number	M24S
Brand	Erico
Material	Alloy Steel (Spring Steel)
Compatible Flange Thickness	1/8 inch to 1/4 inch (Purlin/Beam/Flange)
Threaded Mounting	1/4 inch-20 TPI
Installation Method	Hammer-On
Tensile Strength	25 Pounds
Item Weight	0.96 ounces (27.22 g)
UPC	782856166382

8. WARRANTY AND SUPPORT

Specific warranty information for the Erico M24S Caddy Armour Spring Steel Hammer-On Flange Clip should be obtained directly from the manufacturer, Erico, or your authorized distributor/seller. Warranty terms typically cover defects in materials and workmanship under normal use.

For technical support, product inquiries, or to report issues, please contact Erico customer service or the vendor from whom the product was purchased. Retain your proof of purchase for any warranty claims.

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Question

Example: How do I reset this device or fix this error?

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