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## Logan F15

# Logan F15 3/8 Inch Loose V-nails

Instruction Manual

## INTRODUCTION

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The Logan F15 3/8 inch (10 mm) loose V-nails are designed for joining softwood frames. This pack contains 200 individual V-nails, suitable for use with Logan Joiners and other framing tools that require loose V-nails. These V-nails are manufactured in the USA to ensure quality and compatibility with Logan framing systems.



Image: A single Logan F15 3/8 inch V-nail, illustrating its V-shape and metallic construction. This component is essential

## SAFETY INFORMATION

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Always observe the following safety precautions when handling V-nails and operating joinery equipment:

- Keep V-nails out of reach of children and pets.
- Wear appropriate eye protection when operating any framing or joinery tool.
- Handle V-nails carefully to avoid cuts or punctures.
- Ensure your work area is clean, well-lit, and free from obstructions.
- Refer to the specific safety instructions provided with your V-nailing tool for additional guidelines.

## SETUP

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Before beginning any framing project, ensure your V-nailing tool is properly set up and calibrated according to its own instruction manual.

1. **Inspect V-nails:** Carefully remove the desired number of V-nails from the box. Inspect each V-nail for any deformities or damage. Do not use bent or damaged V-nails as they may cause issues with your joiner or compromise the joint strength.
2. **Load into Joiner:** The Logan F15 V-nails are loose-packed, meaning they are not stacked in cartridges. Load the V-nails individually or as directed by your specific V-nailing tool's instructions. For Logan F300-1 Studio Joiner and F300-2 Pro Joiner, place the V-nail into the designated slot with the sharp edge facing the wood joint.
3. **Prepare Wood:** Ensure your softwood frame pieces are accurately cut with mitered corners (typically 45 degrees) and fit together tightly without gaps.

## OPERATING INSTRUCTIONS

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These V-nails are designed for use with compatible V-nailing tools to create strong, secure joints in softwood frames.

1. **Position Frame Pieces:** Place the two mitered frame pieces together on your V-nailing tool's work surface, ensuring they form a perfect corner. Use clamps or the tool's built-in clamping mechanism to hold the pieces firmly in place.
2. **Insert V-nail:** With the V-nail loaded into your joiner, align the tool over the joint where you wish to insert the V-nail. Apply pressure or activate the mechanism of your joiner to drive the V-nail into the wood. The V-nail should penetrate both pieces of wood, pulling them together for a tight joint.
3. **Multiple V-nails:** For stronger joints, especially on wider frame stock, insert multiple V-nails along the joint. Space them evenly, typically 1/2 inch to 1 inch apart, depending on the wood thickness and desired strength.
4. **Check Joint:** After inserting the V-nails, release the clamps and inspect the joint. It should be tight, flush, and secure.

## MAINTENANCE

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Proper storage and handling will ensure the longevity and performance of your V-nails.

- **Storage:** Store unused V-nails in their original packaging or a sealed container in a cool, dry place. This prevents corrosion and keeps them free from debris.
- **Handling:** Avoid dropping V-nails, as this can bend or damage them, making them unusable.

## TROUBLESHOOTING

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If you encounter issues while using your Logan F15 V-nails, consider the following:

- **V-nail not inserting fully:**
  - Ensure the wood is softwood. These V-nails are specifically designed for softwood.
  - Check your V-nailing tool's pressure settings. Increase pressure if necessary.
  - Verify the V-nail is correctly oriented in the joiner.
- **Bent V-nails during insertion:**
  - Confirm the wood pieces are tightly clamped and aligned. Gaps can cause V-nails to bend.
  - Ensure the V-nailing tool's driver is clean and free from obstructions.
  - Inspect the V-nail itself for any pre-existing damage.
- **Loose joints after V-nailing:**
  - Ensure the mitered cuts on your frame pieces are precise and create a tight fit before V-nailing.
  - Consider using more V-nails per joint, especially for wider or heavier frames.
  - Verify that the V-nails are fully embedded and pulling the joint together.

## SPECIFICATIONS

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Feature	Detail
Model Number	F15
V-nail Size	3/8 inch (10 mm)
Quantity	200 V-nails per box
Material Compatibility	Softwood
Packaging	Loose packed
Product Dimensions (Box)	1.34 x 2.68 x 2.95 inches
Item Weight (Box)	0.01 ounces
Manufacturer	LOGAN GRAPHIC PRODUCTS
ASIN	B0009ILFBQ

## WARRANTY INFORMATION

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Logan V-nails are manufactured to high standards. For specific warranty details regarding manufacturing defects, please refer to the official Logan Graphic Products website or contact their customer support directly. This product is a consumable item, and warranty typically covers manufacturing defects rather

than wear and tear from use.

## SUPPORT

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For further assistance, technical support, or inquiries regarding Logan F15 V-nails or compatible Logan joinery tools, please contact Logan Graphic Products customer service:

- **Website:** Visit the official Logan Graphic Products website for FAQs and contact information.
- **Contact:** Refer to your Logan joiner's manual or the Logan website for specific customer service contact details.