

WURTEC PLUMB LINE CLAMP KITS

Part No. 10-1X0-KIT

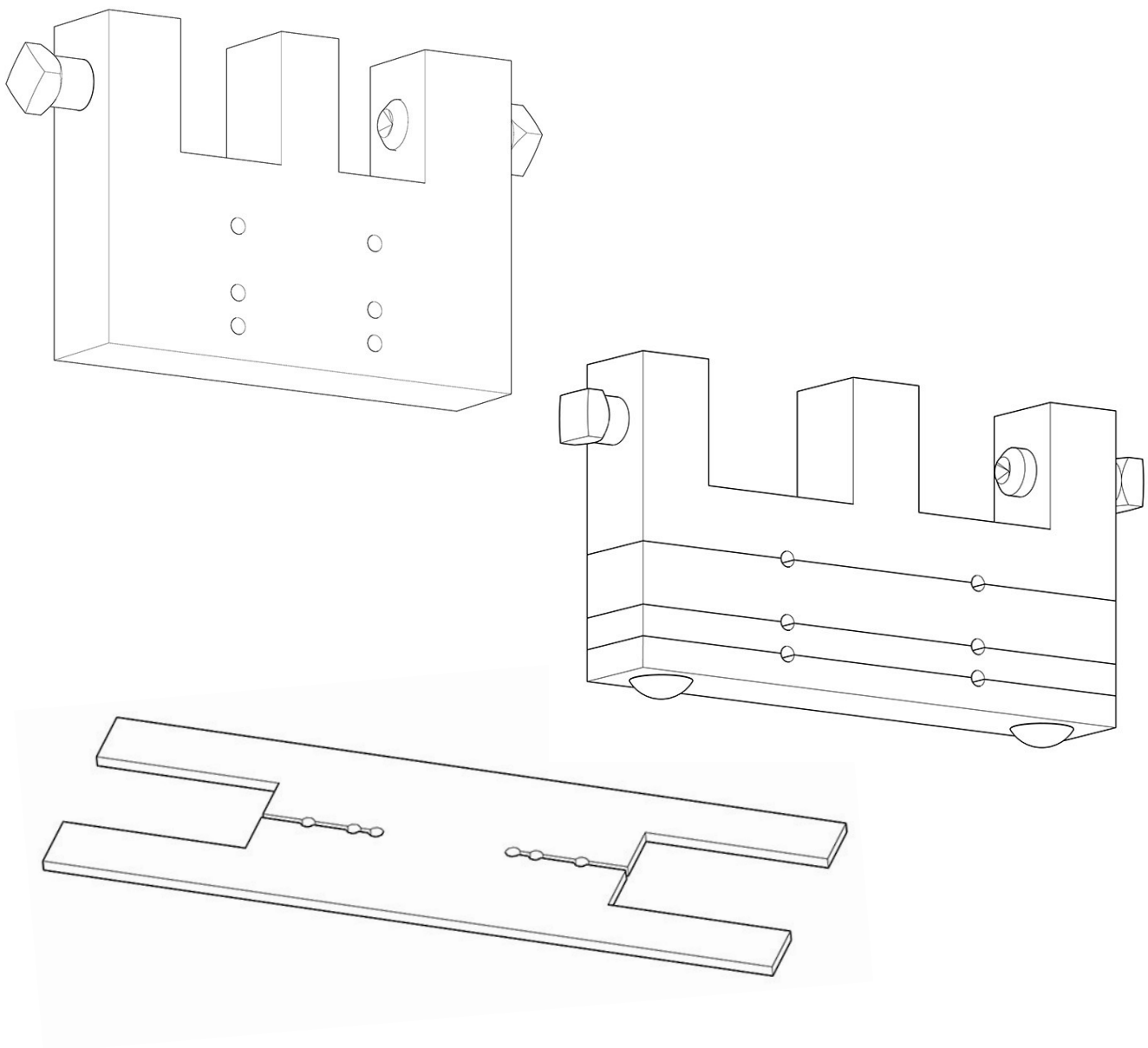


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NOTICE

GENERAL WARNINGS

The equipment covered in this manual should only be installed, used, and serviced by qualified personnel trained in proper work and safety procedures. This manual is intended to assist such trained individuals in the installation and use of this equipment and is not intended as a substitute for proper training and experience.

This document or any other information regarding this equipment is not intended to cover all of the possible situations which may be encountered while using the equipment described herein. Should specific situations arise which are not covered by the information provided, or should the user desire further details, the specifics should be directed to Wurtec, Inc.

Note: In the effort of continuous product improvement, Wurtec, Inc. reserves the right to modify the design and specifications of this product at any time without notice.

CAUTION

Failure to comply with the following guidelines could result in minor or moderate injury:

- Verify that the kit size matches your rail before installation.
- Do not overtighten screws; only secure enough for stability.
- Ensure all components (clamp, gauge, intermediate guide, and plumb bob) are properly attached before applying tension.
- Wear appropriate PPE when handling plumb lines.

EQUIPMENT DESCRIPTION & INTENDED USE

Wurtec's redesigned **Plumb Line Clamp Kits** provide installers with a complete solution for accurate vertical alignment of elevator rails. Each kit includes:

- **Plumb Line Clamp** – durable aluminum clamp with six holes for line placement and dual-slot rail design
- **Plumb Line Gauge** – ensures accurate reference measurements
- **Intermediate Guide** – provides stabilization of plumb lines during installation

Two kit sizes are available:

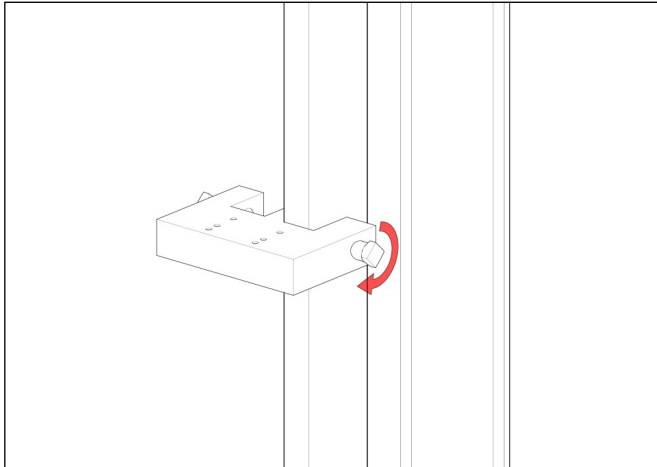
- **10-150-KIT**: Fits 5/8" and 3/4" rail face widths
- **10-160-KIT**: Fits 1-1/8" and 1-1/4" rail face widths

PERSONAL PROTECTION EQUIPMENT (PPE) REQUIRED

The following PPE is recommended for installation:

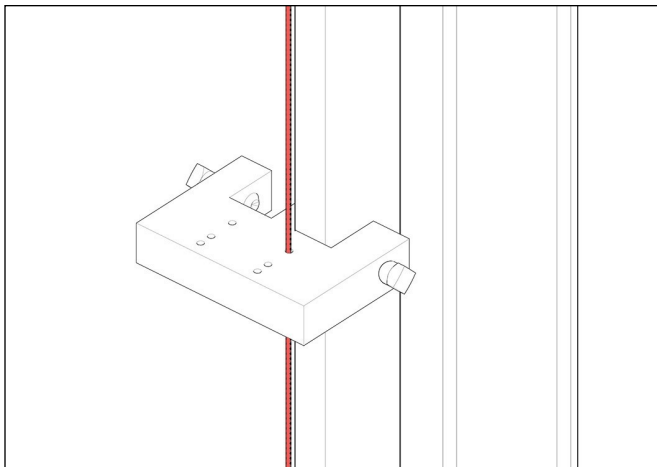
- Safety glasses
- Hard hat
- Abrasion-resistant gloves
- Steel toed boots
- Safety Vest
- Harness and attached lifeline

INSTALLATION INSTRUCTIONS



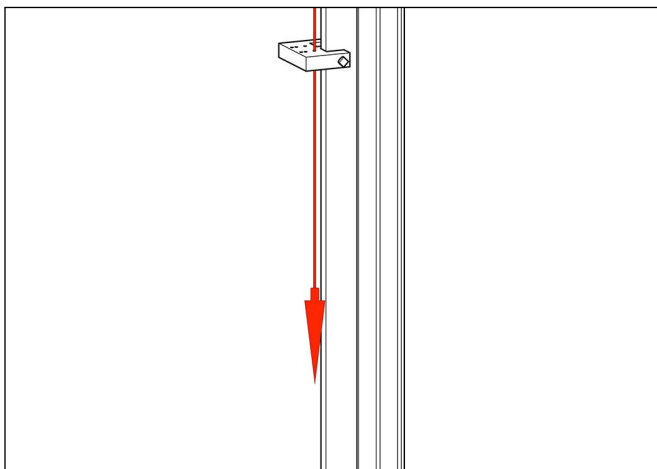
Step 1: Mount the Clamp

- Loosen the set screws on the clamp, then place the clamp's appropriate slot snugly against the elevator rail.
- Tighten the set screw until the clamp supports itself securely on the rail.
- Note: Additional weight/tension will be applied once the plumb line and plumb bob are installed—ensure stability



Step 2: Thread the Plumb Line

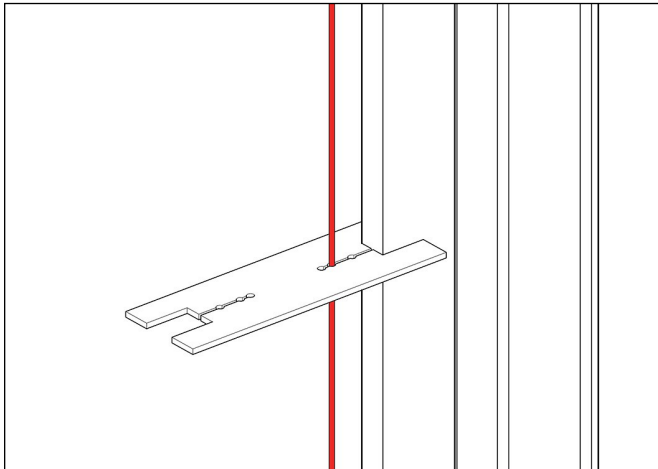
- Feed the piano wire/plumb line through the desired hole on the clamp. Use one of the three available holes to select the proper line position.



Step 3: Attach the Plumb Bob

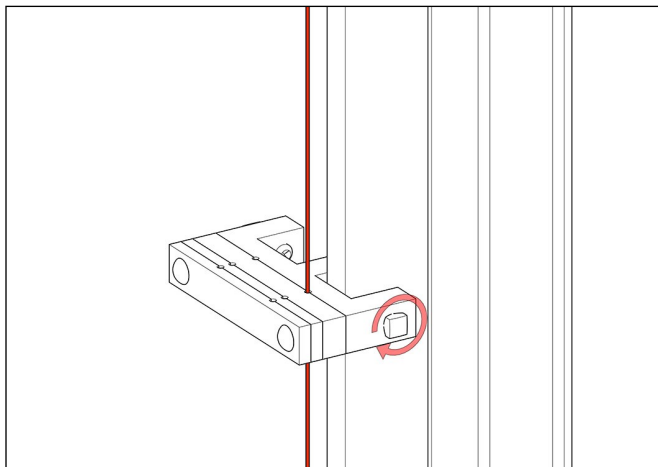
- Secure a plumb bob to the free end of the plumb line.
- Allow the plumb bob to hang freely so it provides an accurate vertical reference.
- Ensure it is not obstructed and can stabilize naturally under its own weight.

INSTALLATION INSTRUCTIONS



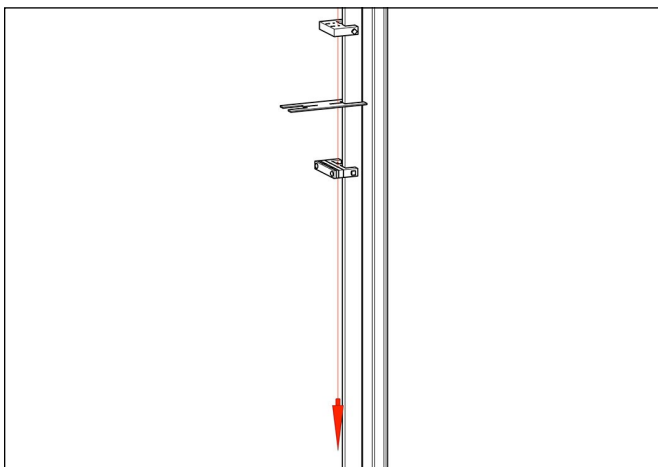
Step 4: Use the Plumb Line Gauge

- Position the included Plumb Line Gauge as a reference point.
- Verify that the plumb line aligns at the proper distance from the rail face.



Step 5: Install the Intermediate Guide

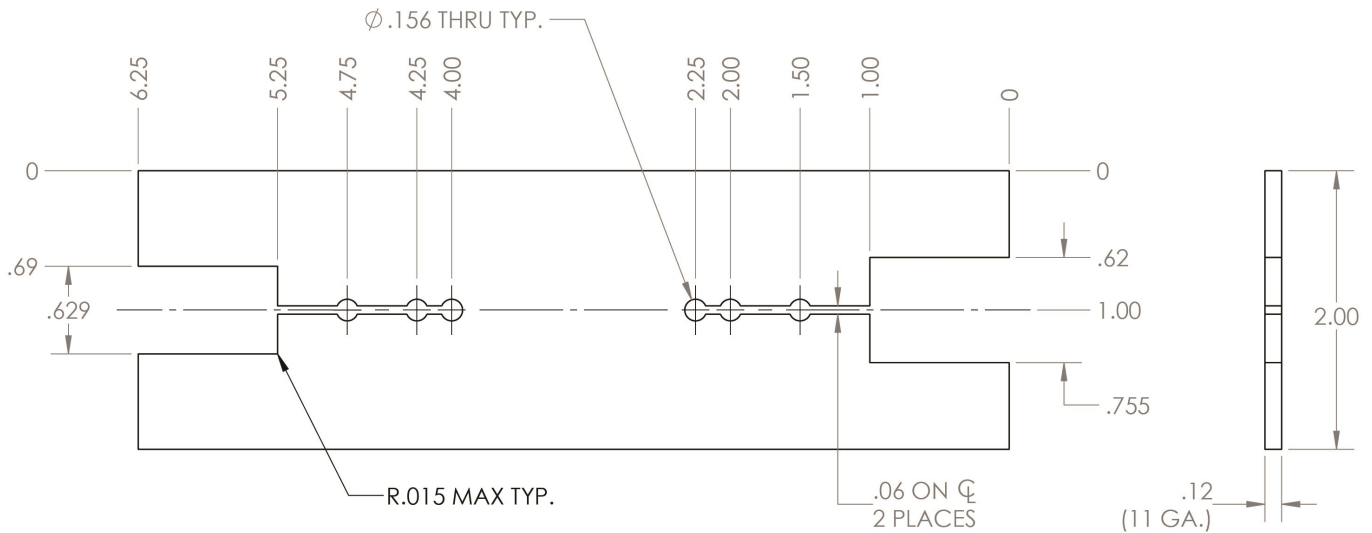
- Place the Intermediate Guide along the rail to stabilize the plumb line.
- Secure it with its set screw to prevent sway or drift.



Step 6: Final Adjustment

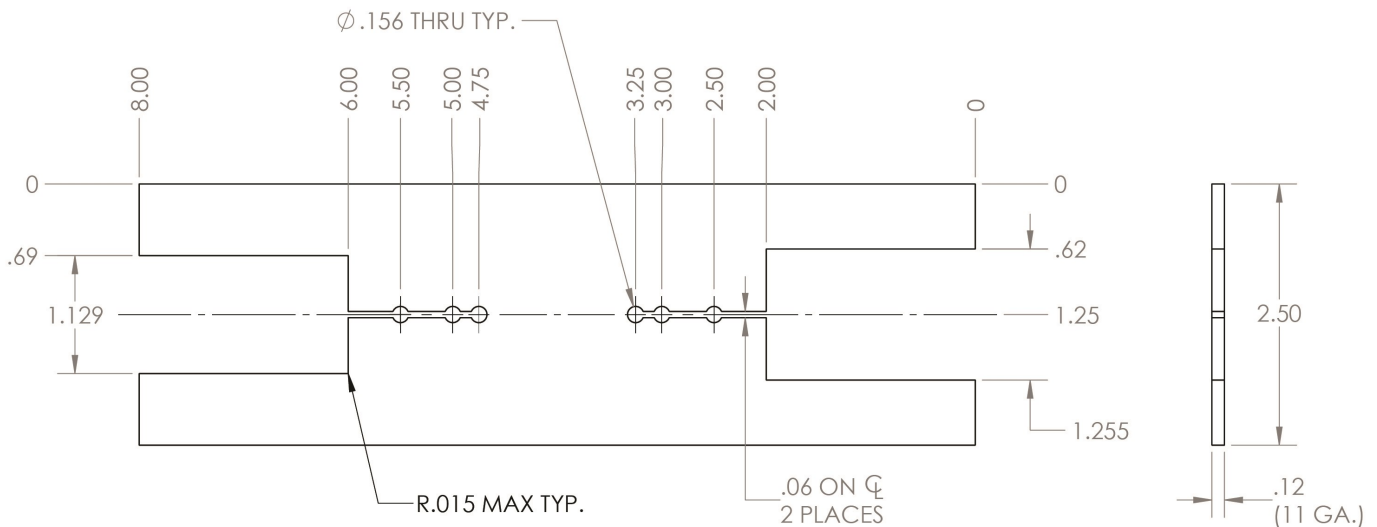
- Confirm that the plumb line runs straight and true along the rail face.
- Make fine adjustments using the gauge before proceeding with further installation.

GAUGE DIMENSIONS



10-200-2025

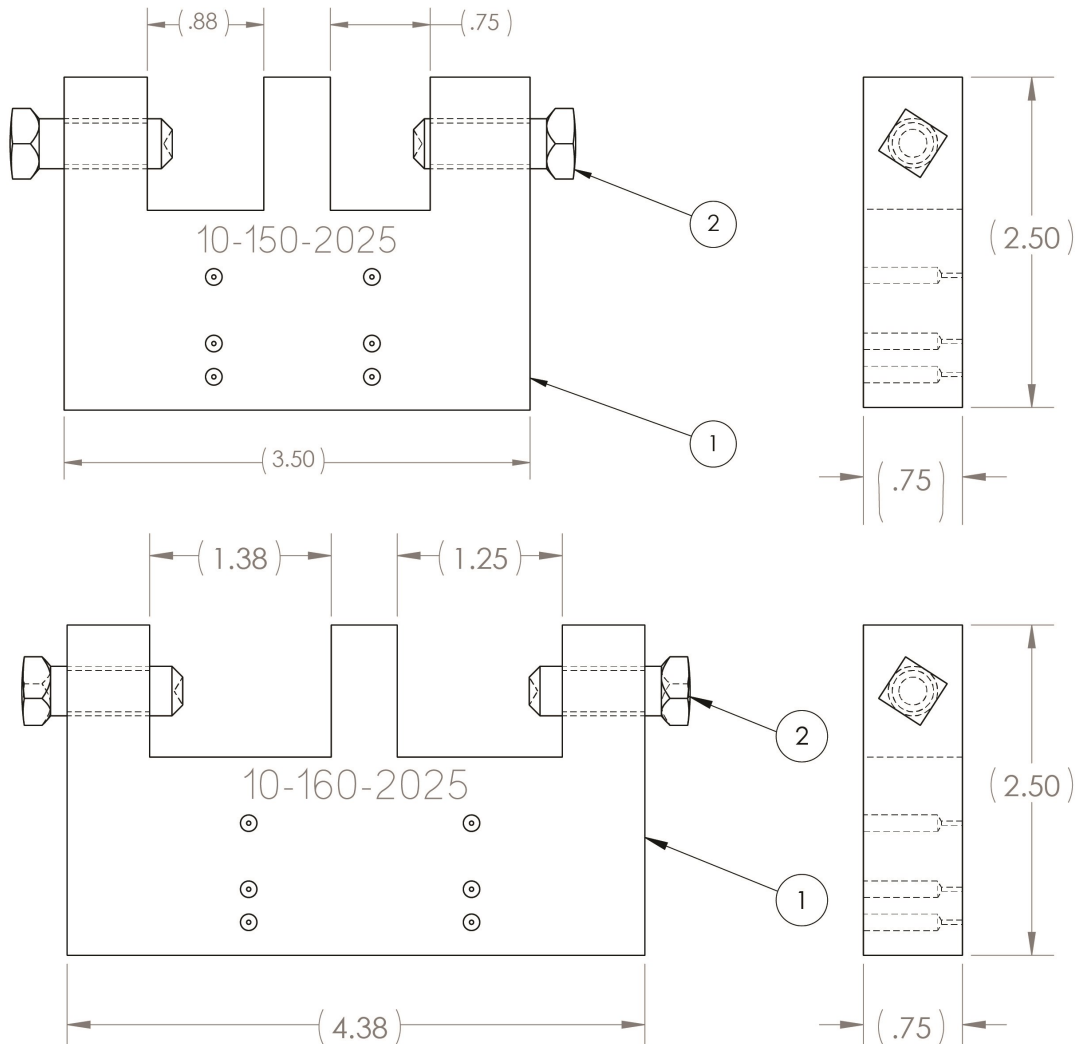
Plumb Line Gauge



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Plumb Line Gauge

BILL OF MATERIALS — CLAMPS



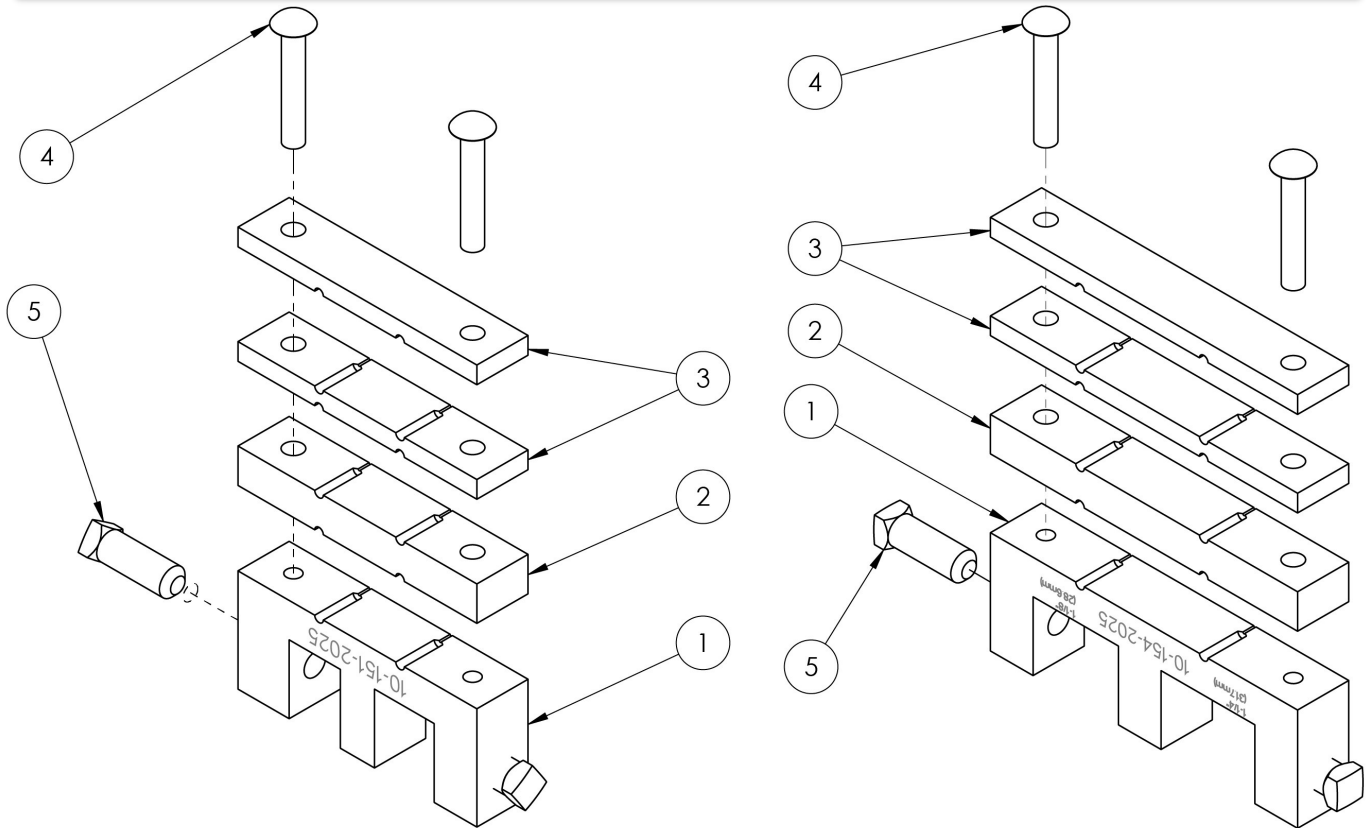
10-150-2025 (Plumb Line Clamp, Combo 5/8 & 3/4)

ITEM	QTY.	PartNo	Description	Size	Length
1	1	10-150-01	PLUMB LINE CLAMP MACHINED		
2	2	26069	SQUARE HEAD SET SCREW	3/8-16	1 In

10-160-2025 (Plumb Line Clamp, Combo 1-1/8 & 1-1/4)

ITEM	QTY.	PartNo	Description	Size	Length
1	1	10-10089485	PLUMB LINE CLAMP MACHINED, 1-1/8 & 1-1/4		
2	2	26069	SQUARE HEAD SET SCREW	3/8-16	1 In

BILL OF MATERIALS — GUIDES



10-151-2025 (Intermediate Plumb Line Guide, 5/8 & 3/4)

ITEM	QTY.	PartNo	Description	Size	Length
1	1	10-151-1	LOWER BLOCK		
2	1	10-151-2	MIDDLE BLOCK		
3	2	10-151-3	UPPER BLOCK		
4	2	94055	BUTTON HEAD SCREW	1/4-20	1 1/2 In
5	2	26069	SQUARE HEAD SET SCREW	3/8-16	1 In

10-154-2025 (Intermediate Plumb Line Guide, 1-1/8 & 1-1/4)

ITEM	QTY.	PartNo	Description	Size	Length
1	1	10-154-01	LOWER BLOCK		
2	1	10-154-02	MIDDLE BLOCK		
3	2	10-155-03	UPPER BLOCK		
4	2	94055	BUTTON HEAD SCREW	1/4-20	1 1/2 In
5	2	26069	SQUARE HEAD SET SCREW	3/8-16	1 In

Revision: 00 | 09/2025 | Document No.: Instructions_10-1X0-KIT