

10-740
Joint Alignment Tool



In Context

PRODUCT DESCRIPTION

The Wurtec **Joint Alignment Tool** is designed to simplify the alignment of elevator guide rails during installation by securely positioning rail joints before the fishplates are tightened. Using an integrated cam-lock mechanism, the tool clamps the rails into proper alignment, helping technicians produce smoother rail joints while reducing the time and effort required for filing and dressing.

Constructed from lightweight aluminum for durability and ease of handling, the Joint Alignment Tool is compatible with a wide range of elevator guide rail sizes and accommodates rail blade widths from 3/8 in. (10 mm) to 1-1/4 in. (32 mm). Its reusable design provides a fast, reliable solution for improving rail joint quality and installation efficiency.

KEY FEATURES

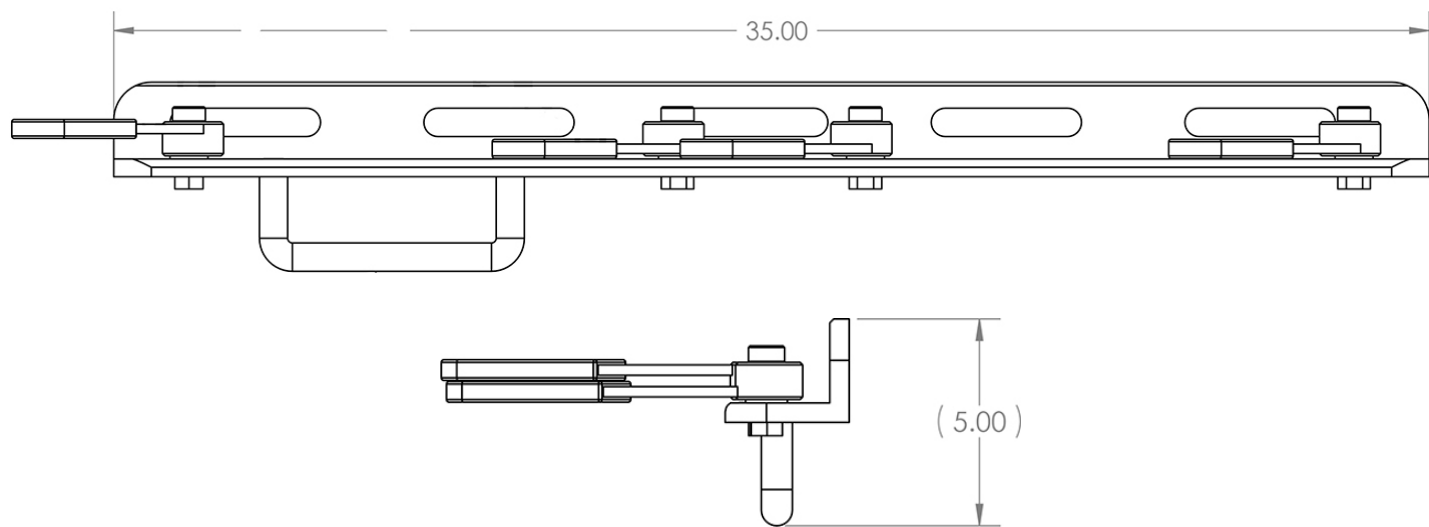
- Aligns elevator guide rails during installation.
- Cam-lock mechanism securely clamps rails in position.
- Helps produce smoother, higher-quality rail joints.
- Reduces filing and dressing of misaligned joints.
- Lightweight aluminum construction.
- Compatible with multiple elevator rail sizes.
- Accommodates rail blade widths from 3/8 in. to 1-1/4 in.
- Reusable design for repeated field use.

SPECIFICATIONS_10-740

COMPATIBLE RAIL SIZES

Rail Size	Rail Blade Width (in)	Rail Blade Width (mm)
T75-3	3/8	10
T89	5/8	16
T90	5/8	16
T114	5/8	16
T127-1	5/8	16
T127-2	5/8	16
T140-1	3/4	19
T140-2	1-1/8	28.6
T140-3	1-1/4	32

DIMENSIONS



ORDERING INFORMATION

Part Number	Description
100110	Right Angle Mounting Bracket
C417-6015-4	Capstan Hoist Bracket (Required for Chance Capstan Hoist Installation)

PRODUCT SPECIFICATIONS

Rated Capacity	1,200 lbs (544 kg)
Mounting Surface	Vertical Surface
Compatible Equipment	Golo Hoist, Chance Capstan Hoist
Capstan Hoist Adapter Required	C417-6015-4 (Sold Separately)
Mounting Orientation	Four Directions
Golo Hoist Rotation	Up to 45 °
Capstan Hoist Rotation	Up to 26 °
Material	ATSM A36 Steel