

# TRACKS & SPRINGS

## JAMB INFORMATION

### STEEL JAMBS

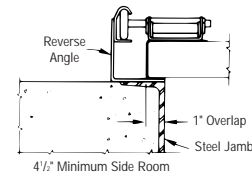
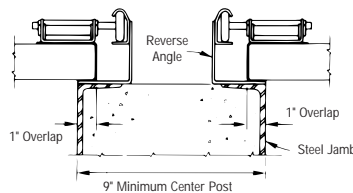
Jambs and header must be minimum 2-1/2" x 3/16" continuous steel. Jambs must extend the entire height of required headroom. Jamb material must be continuous and flush. All doors require support pads for mounting spring anchor brackets. Doors up to 196 sq. ft. that are standard lift require an 8" x 10" x 1/4" thick steel support pad directly above the header on the center line of the opening. Doors over 196 sq. ft. will usually require multiple support pads. **Location of spring support pads on larger or high lift doors will vary; please consult customer service for specific details.**

#### Attachment

Per installation instructions, refer to proper sizing of door.

Fastening device:

- Drill and Bolting
- Self Tapping Screws
- Welded



### WOOD JAMBS

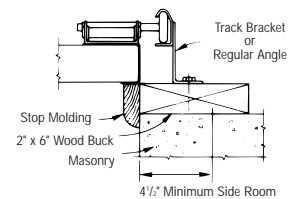
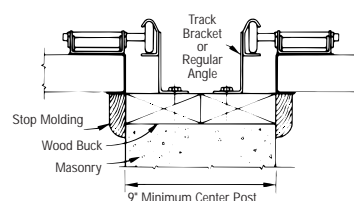
Jambs and header must be minimum 2" x 6" continuous wood (wood jambs may be used over masonry wall, see masonry jambs). Jambs must extend the entire height of required headroom. Jamb material must be continuous and flush. All doors require support pads for mounting spring anchor brackets. Doors up to 196 sq. ft. that are standard lift require a 2" x 8" x 12" long wood support pad directly above the header on the center line of the opening. Doors over 196 sq. ft. will usually require multiple support pads. **Location of spring support pads on larger or high lift doors will vary; please consult customer service for specific details.**

#### Attachment

Per installation instructions, refer to proper sizing of door.

Fastening device:

- Wood Lag Screws

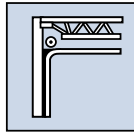


1-800-526-4301

Call For More Information • [www.clopaydoor.com](http://www.clopaydoor.com)



1-800-621-3667



# TRACKS & SPRINGS

## JAMB INFORMATION

### MASONRY JAMBS

Jambs and header can either be masonry or masonry with wood cover.

#### Masonry without Wood Cover

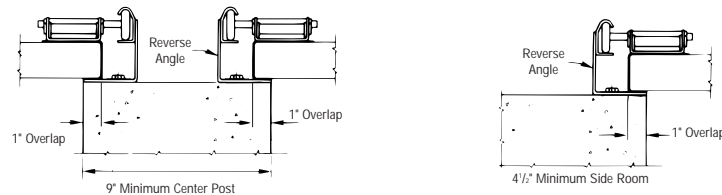
Jambs and header must be concrete. All hardware to be connected to masonry wall with concrete anchors when using concrete masonry material, note cells must be filled with concrete where attachment of track and springs are required. Jambs must extend the entire height of required headroom. Jamb material must be continuous and flush. Mounting spring anchor brackets are to be attached directly to the masonry wall with concrete anchors at the centerline of the opening. Doors over 196 sq. ft. will usually require multiple support pads. **Location of spring support pads on larger or high lift doors will vary; please consult customer service for specific details.**

#### Attachment

Per installation instructions, refer to proper sizing of door.

Fastening device:

- Concrete Anchors



#### Masonry with Wood Cover

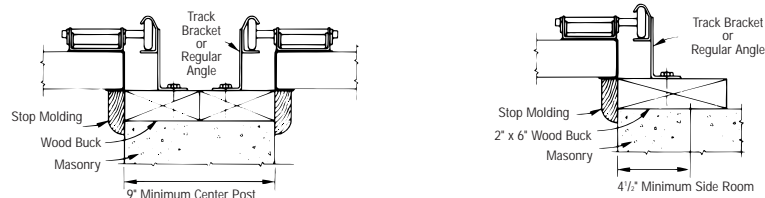
Jambs and header must be minimum 2" x 6" continuous wood attached to the masonry wall with concrete anchors. Jambs must extend the entire height of required headroom and on clearance doors. Jamb material must be continuous and flush. All doors require support pads for mounting spring anchor brackets. Doors up to 196 sq. ft. that are standard lift require a 2" x 8" x 12" long wood support pad directly above the header on the centerline of the opening. Doors over 196 sq. ft. will usually require multiple support pads. **Location of spring support pads on larger or high lift doors will vary; please consult customer service for specific details.**

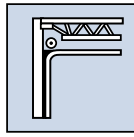
#### Attachment

Per installation instructions, refer to proper sizing of door.

Fastening device:

- Wood Lag Screws





# TRACKS & SPRINGS

## PREPARATION

### PREPARATION

**NOTE:** Jamb, head framing and spring pads are not furnished by manufacturer. **Jamb must be flush and level around the entire opening and not have any fasteners past the face of the framing material. The jamb material must be continuous and flush.**

- A. Spring pad location (1 or more) depends on door size and number of springs used - contact factory for exact location. If pad is wood, use #2 or better Southern Yellow Pine. Do not use wood labeled SPF.
- B. Minimum 2" x 6" jamb facing or 2-1/2" x 3/16" steel channel should be securely fastened to the building structure.
- C. Opening width is determined by jamb to jamb (not including stop molding).
- D. Opening height is determined by floor to bottom of header (not including stop molding).
- E. Verify required door sideroom for hardware.
- F. Verify required door headroom.

### GENERAL SPECIFICATION

- A. **Tracks:** Track is 2" or 3" depending on size and preference.
- B. **Vertical Tracks:** Shall be minimum of 16 gauge galvanized steel tapered and mounted to provide wedge-type sealing action (2" track or 3" track depending on door size).
- C. **Horizontal Tracks:** To be minimum 14 gauge galvanized steel, reinforced with minimum 13 gauge galvanized steel angles required. 3" track to be 12 gauge. All track, vertical mounting angles and brackets will be ASTM A-526 commercial quality steel minimum 16 gauge thickness, G-40 minimum hot dipped galvanized. Horizontal track will be reinforced with continuous angle of adequate length and gauge to prevent deflection.
- D. **Spring Counterbalance:** Door assembly to be operated by a torsion spring counterbalance mechanism, with a helically wound, oil tempered torsion spring mounted on a steel shaft. Cable drums are die cast aluminum with high strength galvanized aircraft cable with a minimum 7:1 safety factor. Shall be factory calibrated springs to match site specifications. Shall provide a minimum of 10,000 cycles. 25,000, 50,000, and 100,000 cycle springs are available.
- E. **Shaft:** Steel tube will be supplied depending on door size and springing, otherwise solid shaft will be supplied. Solid shaft, where tubing is standard, can be specified. All tubing/shafting will have a minimum of 3 load bearing plates side/spring anchors. *Solid shaft is strongly recommended for Jackshaft operators.*



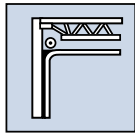
1-800-526-4301

Call For More Information • [www.clopaydoor.com](http://www.clopaydoor.com)



1-800-621-3667

Page T-4



# TRACKS & SPRINGS

## MOUNTING INFORMATION

### REVERSE ANGLE

Primarily used on steel and masonry jambs, but may be used on wood jambs or optional wood covered masonry jambs. The door will overlap 1" on both sides and will close and seal up against the optional vinyl molding. Thus door needs to be 2" wider than rough opening width.

### BRACKET MOUNT

Used exclusively for wood or wood covered masonry jambs. Doors will close and seal up against the wood or vinyl stop molding. Door size equals rough opening. Stop molding will reduce the true opening width by about 1".

### CONTINUOUS ANGLE

Used on larger doors on wood or wood covered masonry jambs. Door will close and seal up against the wood or vinyl stop molding. Door size equals rough opening. Stop molding will reduce the true opening width by about 1".

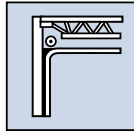


1-800-526-4301

Call For More Information • [www.clopaydoor.com](http://www.clopaydoor.com)



1-800-621-3667

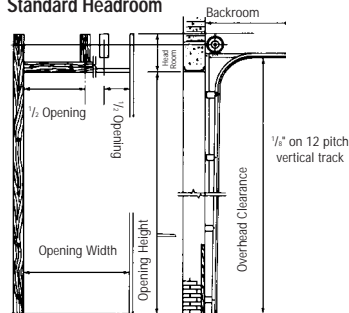


# TRACKS & SPRINGS

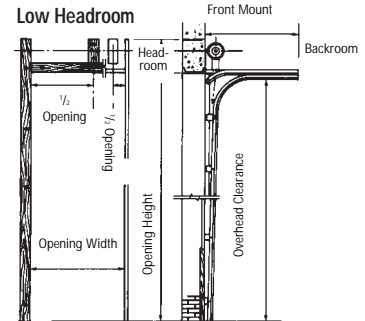
## TRACK TYPES

Commercial sectional doors may be installed on six different types of track. Each type is described on the following pages with its features. **Detail and clearance dimensions for each track configuration are presented following the track details in this section.**

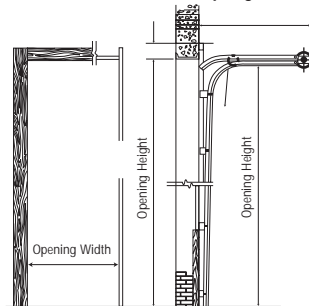
**Standard Headroom**



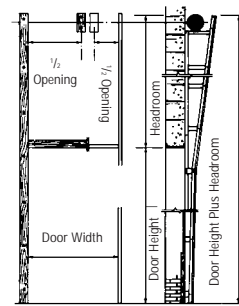
**Low Headroom**



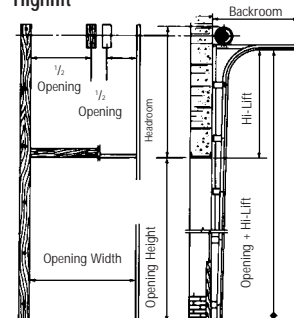
**Low Headroom (torsion springs-rear mount)**



**Vertical Lift**



**Highlift**



**Follow The Roof Slope**

