

# M700/M800 Series Overhead Concealed Closer

Center Hung, Single Acting, Handed (M700 Series)  
 Center Hung, Double Acting, Non-Handed (M800 Series)  
 Metal Door & Frame



## Installation Instructions

### WARNING

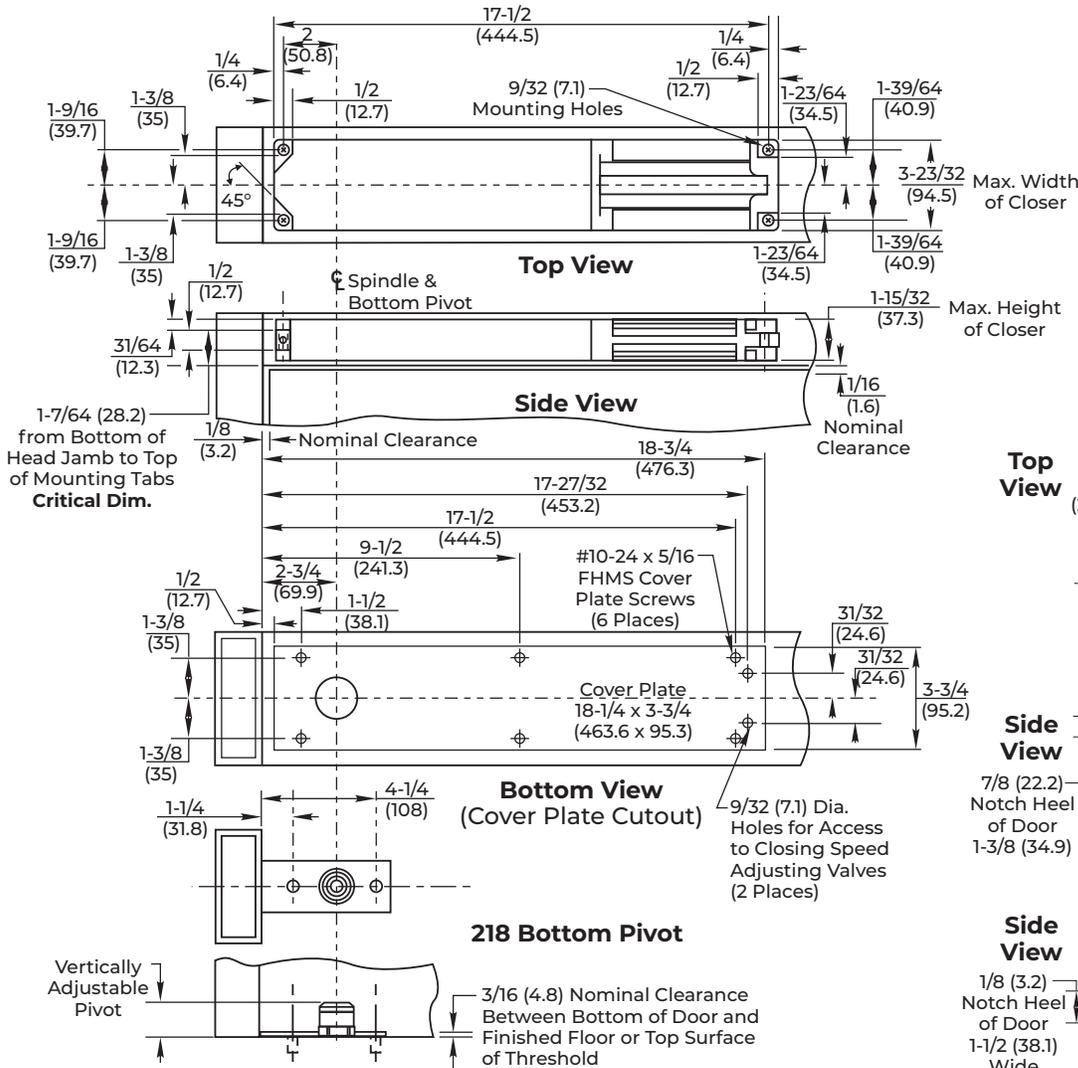
This product can expose you to lead which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to: [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov).

### CAUTION

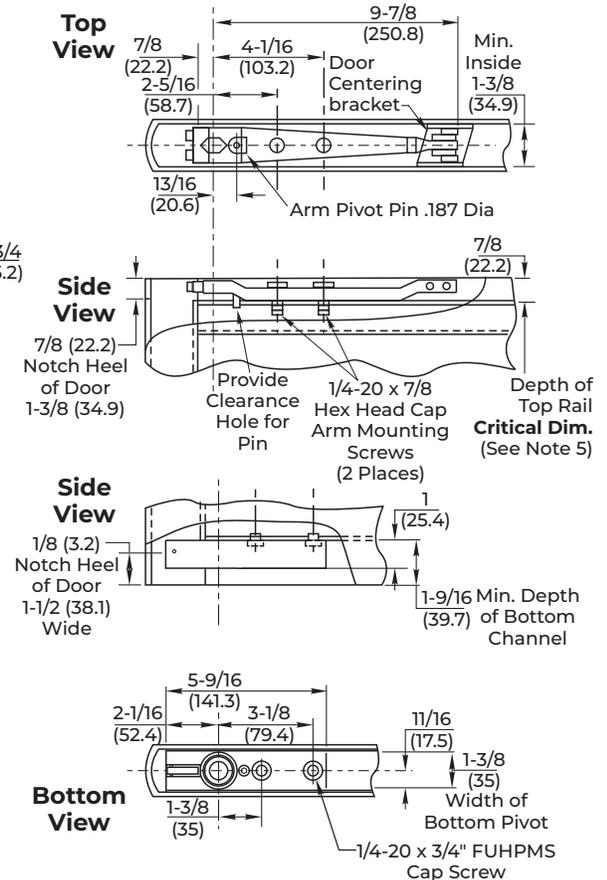
An incorrectly installed or improperly adjusted product can cause property damage or personal injury. These instructions should be followed to avoid the possibility of misapplication or misadjustment.

READ AND FOLLOW ALL INSTRUCTIONS.  
 SAVE THESE INSTRUCTIONS.

## Jamb Installation



## Door Installation



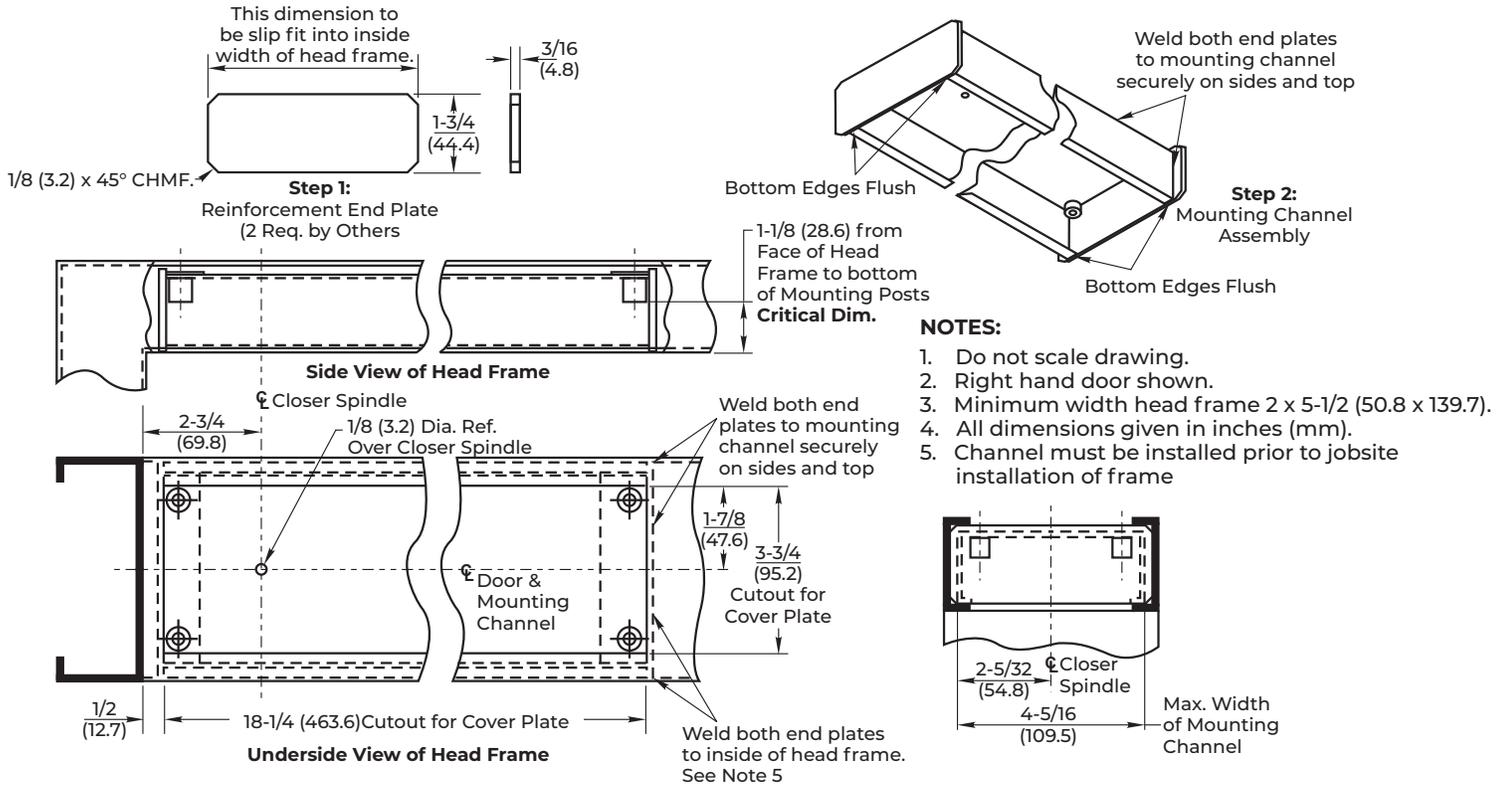
### NOTES:

1. Do not scale drawing.
2. #192 Mounting Channel details available on page 2.
3. Single acting operation requires a door stop on the underside of frame.
4. Use this template for aluminum frames and doors having 7/8" (22.2) depth top rail.
5. If shim is required to maintain 7/8" (22.2) rail depth, shim should be full length of arm.
6. Door radius recommended is 2-5/8" (66.7).
7. All dimensions given in inches (mm).

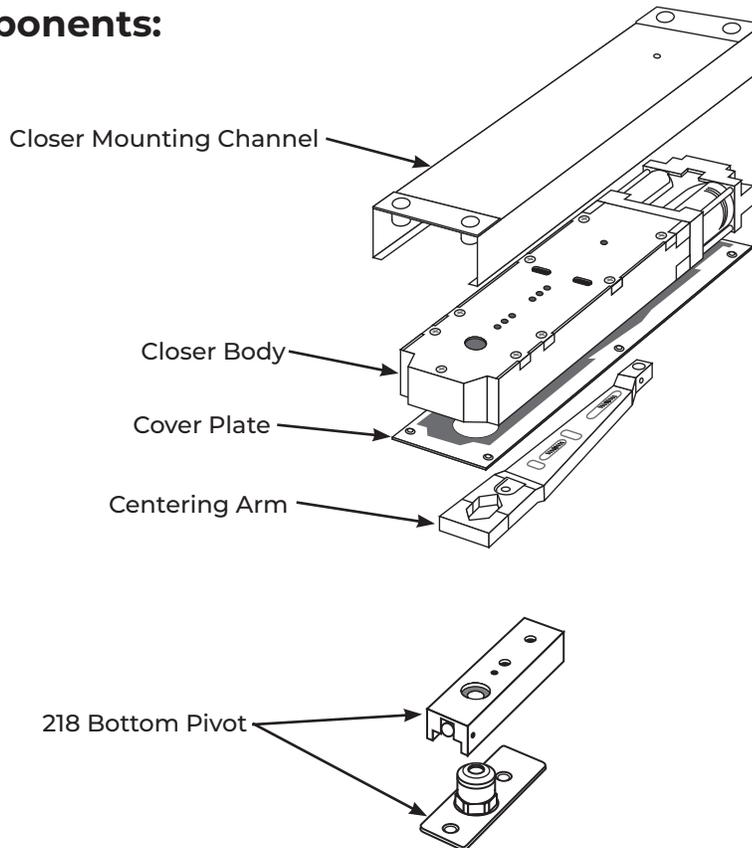
# M700/M800 Series Overhead Concealed Closers

Center Hung, Single Acting, Handed (M700 Series)  
Center Hung, Double Acting, Non-Handed (M800 Series)

## 192 Hollow Metal Mounting Channel



## Included Components:

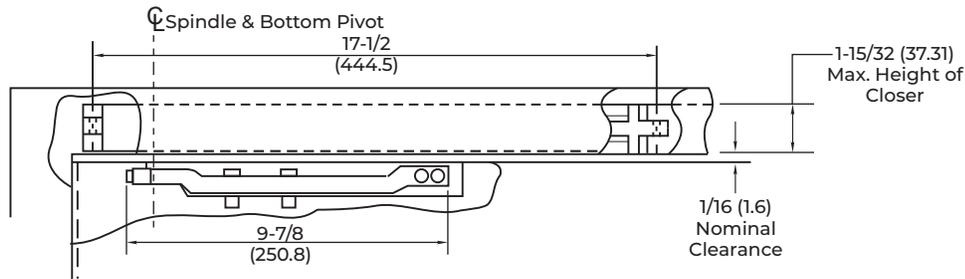


# M700/M800 Series Overhead Concealed Closers

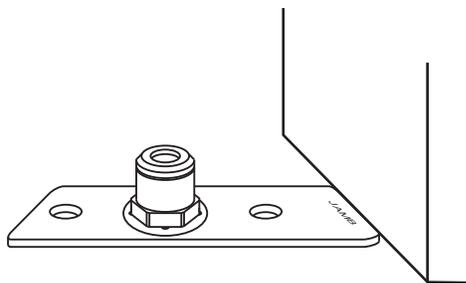
Center Hung, Single Acting, Handed (M700 Series)  
Center Hung, Double Acting, Non-Handed (M800 Series)

## Installation Instructions

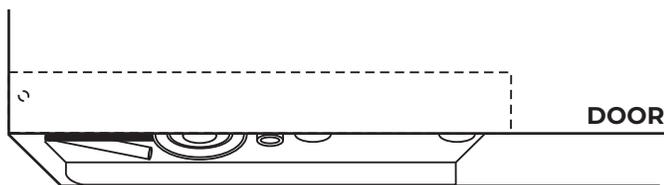
1. Install mounting channel in frame.



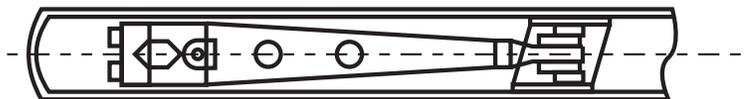
2. Install bottom pivot floor portion. (Refer to 218 Pivot instruction sheet)



3. Install main arm using two (2) 1/4-20 x 7/8" hex head arm screws and flat washers. **Do not tighten arm or centering screws.**
4. Install door portion and bottom pivot. (Refer to 218 Pivot instruction sheet)



5. Install Door. Turn closing speed valves shut (clockwise).



- a. Using a suitable wrench, turn spindle of closer to 90° OR hold open position
- b. Slide the door over the 218 pivot, which is attached to the bottom of the door frame. Making sure the door is resting on the bottom pivot, tilt the door so that the opening in the top centering bracket fits into the main spindle at the top of the door.
- c. Install arm clamp making certain that spindle and arm fit properly. Fasten with two (2) 5/16" socket head cap screws. **IMPORTANT:** Tighten arm locking screws securely while working door back and forth.

...continued on next page.

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## Installation Instructions (cont.)

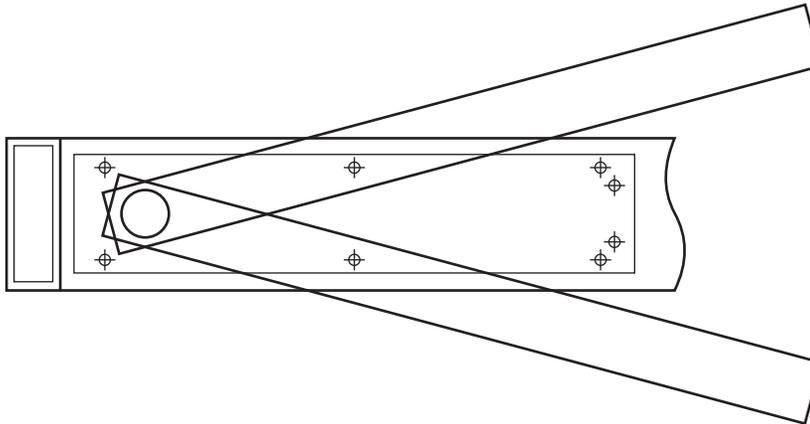
6. Center the door. Open the adjustment valves.

### 800 Series

Center the door in the jamb by adjusting the centering screws in the top arm. Tighten the arm screws securely.

### 700 Series

Adjust the arm centering screws to provide pressure of the door against the stop on the frame. Tighten the main arm screws securely.



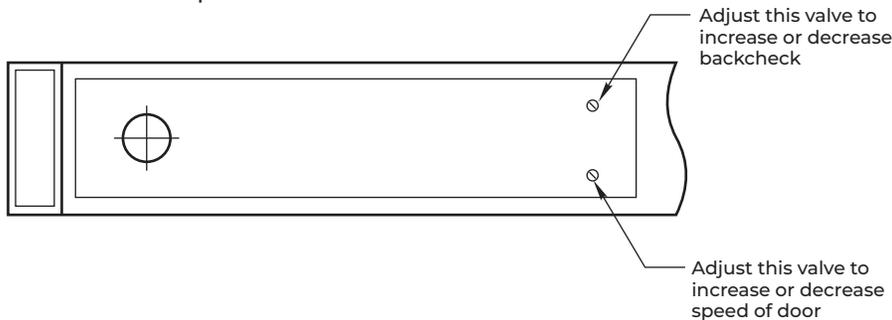
7. Adjust the closing speed of the door.

### 800 Series

Each valve controls one swing only.

- To decrease speed turn clockwise.
- To increase speed turn counter-clockwise

Adjust each valve screw per illustration:



### 700 Series

To decrease speed, turn the valve clockwise.

To increase speed, turn the valve counter-clockwise.

To increase backcheck, turn the valve clockwise.

To decrease backcheck, turn the valve counter-clockwise

Technical Product Support:  
Monroe, NC 28112 USA  
Phone: 877.974.2255 ext: 2  
Techsupport.NortonRixson@assaabloy.com  
NortonRixson.com

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