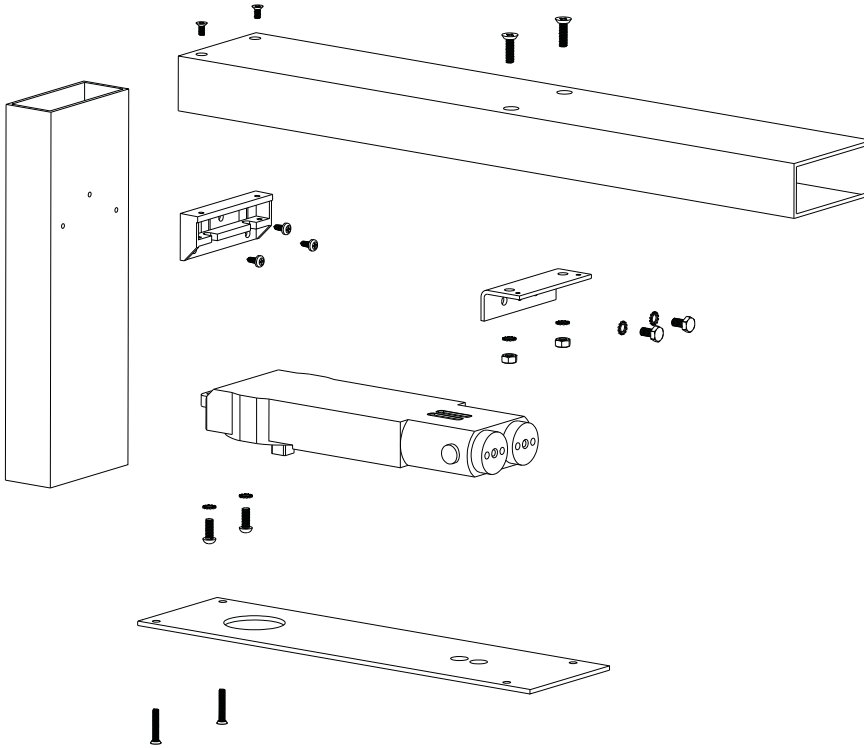


# OHC 100 SERIES

Models: M090, M090H, M105, M105H

## CONCEALED OVERHEAD DOOR CLOSER INSTALLATION INSTRUCTIONS

FOR 105° OR 90° DOOR OPENING WITH OR WITHOUT HOLD OPEN  
 CENTER HUNG, DOUBLE OR SINGLE ACTION DOORS  
 SIDE LOADING, END LOADING AND OFFSET SLIDE ARM INSTALLATION  
 SEPARATE VALVES FOR MAIN AND LATCH SPEED ADJUSTMENT



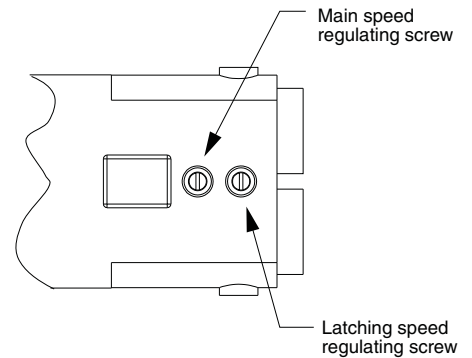
### IMPORTANT

To prevent damage to door closer, do not drill into DOOR HEADER after installing closer.

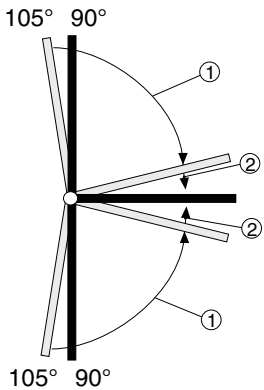
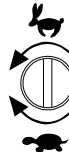
### PROPOSAL for DOOR CLEARANCE

both of the door stiles 1/8" (3mm)  
 top door rail 1/8" (3mm)  
 bottom door rail 3/16" (5mm)

### SPEED ADJUSTMENT



Speed adjustment  
 Max. 2 turns in  
 either direction.



- ① MAIN RANGE
- ② LATCHING RANGE

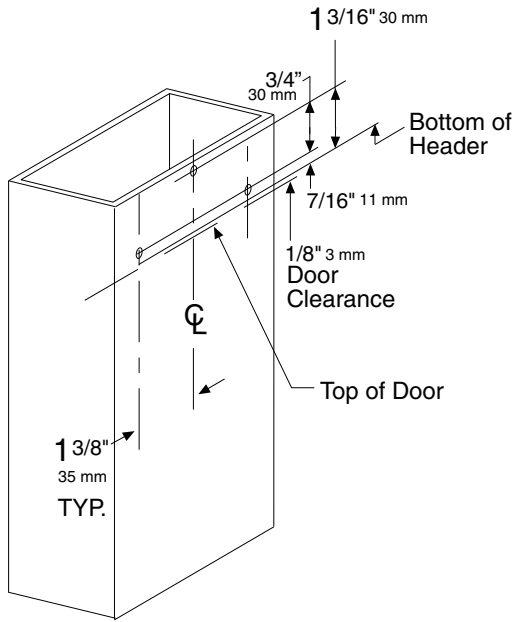
### General Notes:

1. Offset kits do not include butt hinges, pivots or arm covers.
2. Cover plates to be provided by frame manufacturer. Fasteners are provided.

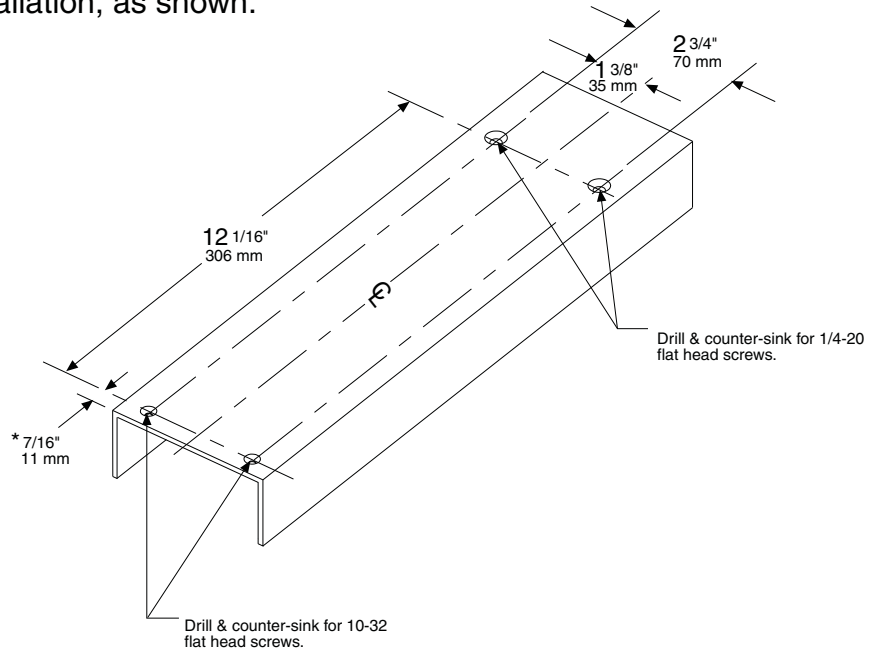
**CAUTION**  
 IMPROPER INSTALLATION OR REGULATION MAY  
 RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE.  
 FOLLOW ALL INSTRUCTIONS CAREFULLY. FOR  
 QUESTIONS, CALL Dor-O-Matic AT 1-800-815-1517



**1. Prepare jamb and header for closer installation, as shown.**



Drill holes in jamb for #10 pan head self-threading screws.

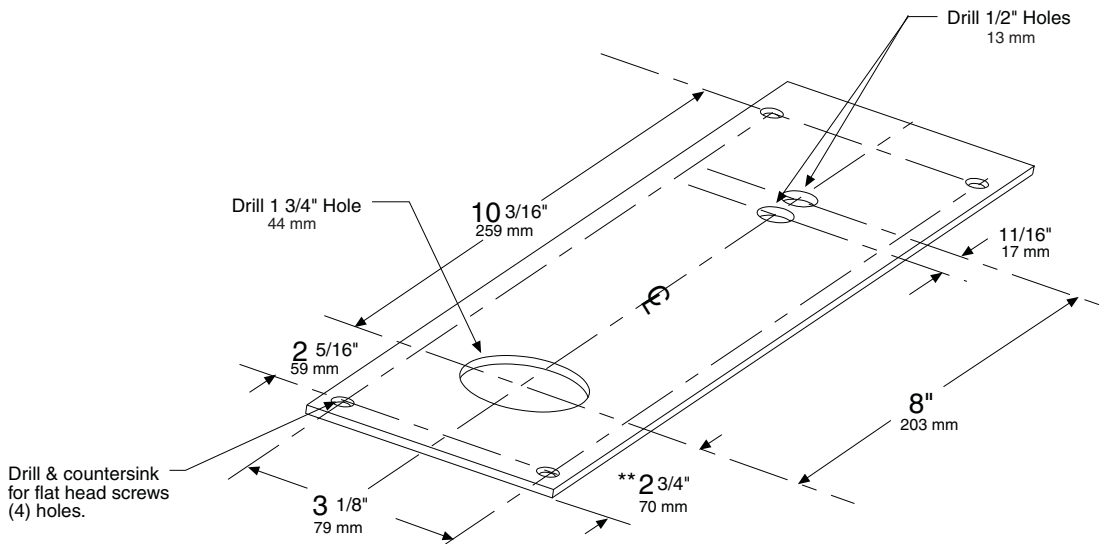


Drill and counter-sink outside top surface of header, as shown.

\* This dimension may vary for some offset slide arm applications. See offset slide arm installation instruction sheets.

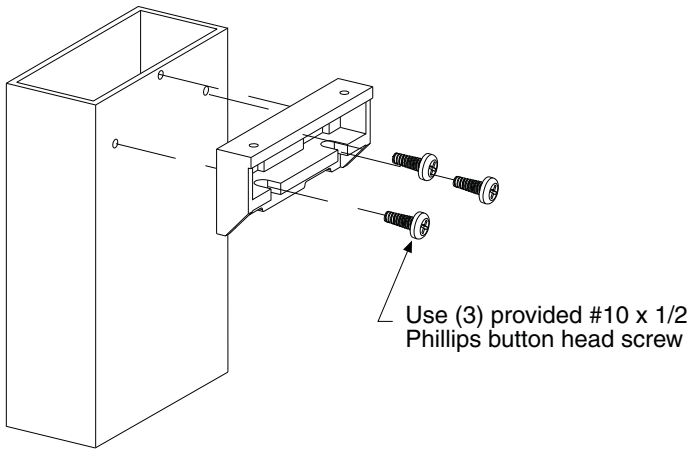
# Cover Plate Template

(Cover plate & fasteners to be provided by frame manufacturer.)

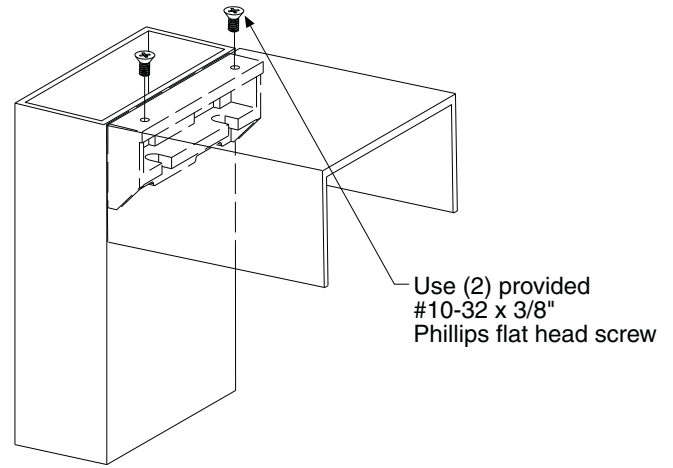


\*\* This dimension may vary for some offset slide arm applications. See dimension "A" in charts located within offset arm instructions.

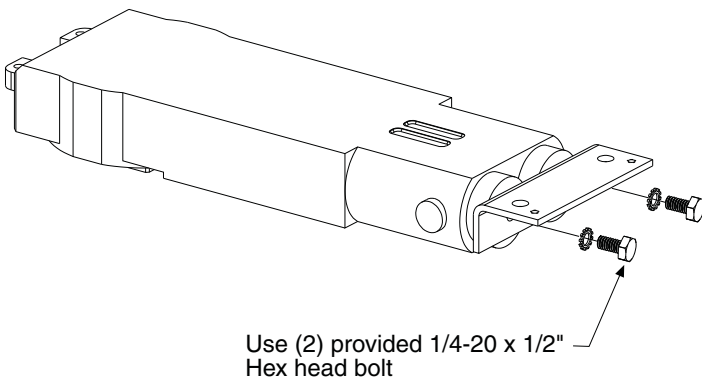
**2. Attach bracket to jamb.**



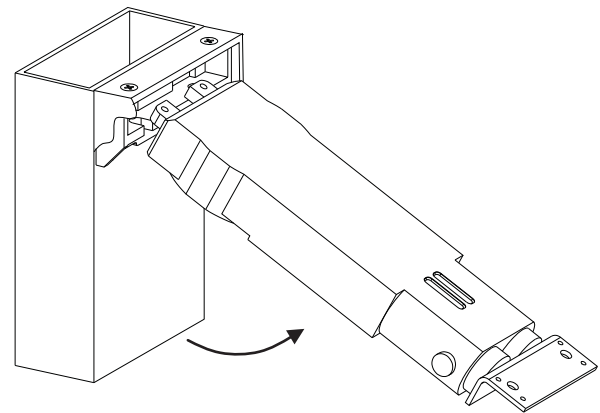
**3. Attach header to bracket.**



**4. Connect bracket to closer body.**



**5. Slide closer into bracket and swing into header screws.**



**6. Finish attaching closer assembly to brackets in header.  
Attach cover plate (provided by others).**

