





## **88 SERIES CONCEALED OVERHEAD DOOR CLOSER 88-VO INSTALLATION INSTRUCTIONS**

DETERMINE HOW DOOR IS HUNG AND DEGREE OF CLOSER BACKSTOP AND USE APPLICABLE CHART

1.DIMENSION "A", face of jamb to center line of 2.DIMENSION "C", hinges side of header to center line of spindle must be maintained regardless of hearder width. 3.All spacers and / or anchors other than standard "F" clip

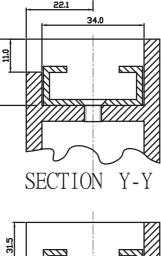
1. Rout inside face of top rail and heel of door stile as shown for

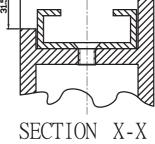
2. Spacers as required to be furnished by door manufacturer. 3.0ffest pivots or butts by others.

1.Install closer in prepared hearder.

2.Install slide channel in top rail.

3. Insert slide in slide channel with end marked 90° toward hinge edge of door if 90° backstop closer is used or with end marked  $105^{\circ}$  toward hinge edge of door if  $105^{\circ}$  backstop closer is used. 4.Place arm on spindle and tighten 1/4-20 socket head screw securely. Rotate arm from center as if door were open, place hole in arm over pin in the slide and secure with the "C" clip.





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