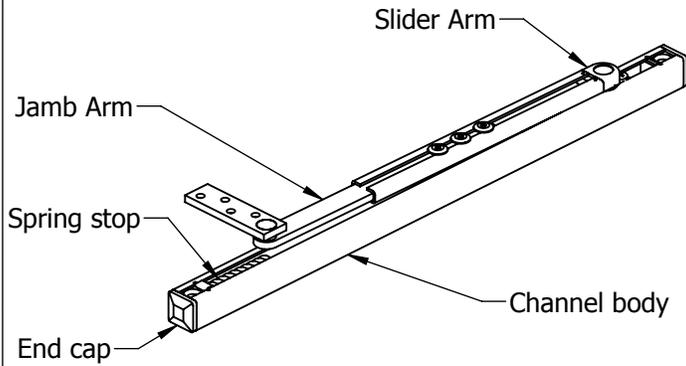


1. PARTS



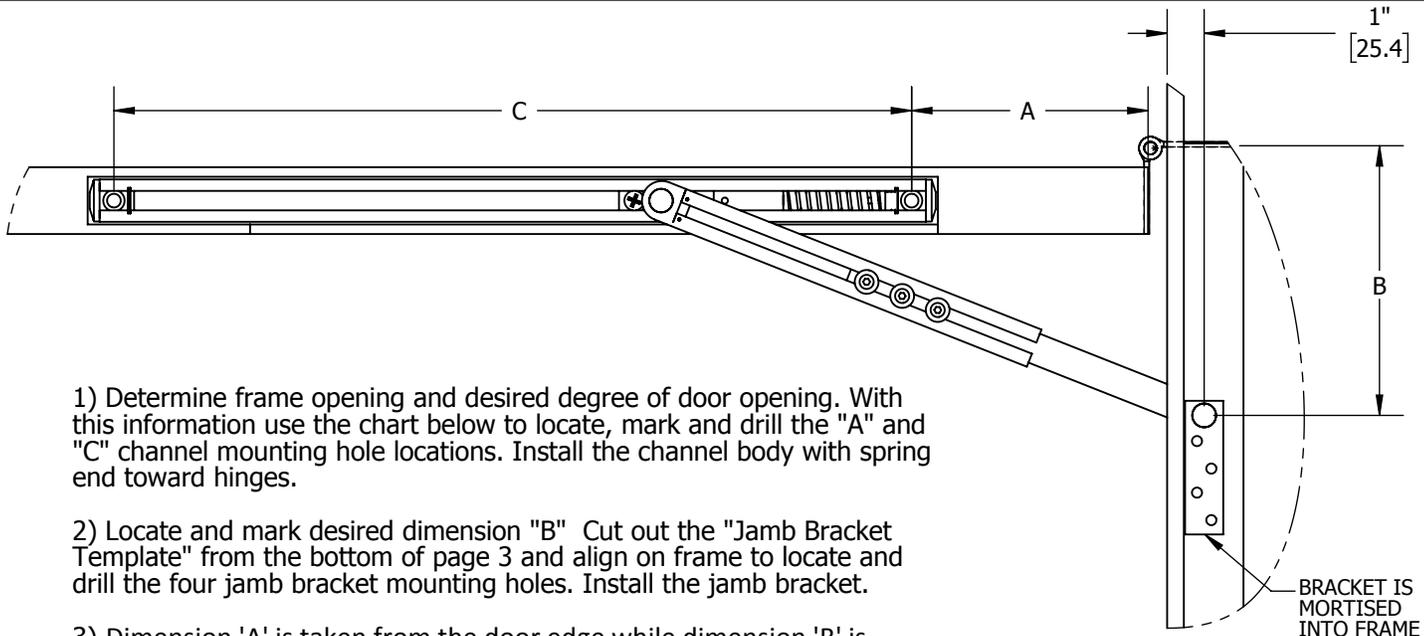
Screw Chart

	QTY	Screw type
Jamb	4	#14 x 1-1/2" FPHWS
	4	1/4"-20 x 5/8" FPHMS
Door	2	1/4"-20 x 1-3/4" FPHMS
	2	#18 x 3" RPHWS
Arm	3	5/16"-18 x 5/16" HBHFS
	1	5/32" Hex Key

Pre Installation Notes:

1. Hollow metal frames must be properly reinforced with 3/16" [5] thick plates that are at least 12" [305] long.
2. Hollow metal doors must be properly reinforced with 3/16" [5] as shown on page 3.
3. Hold open (7017) and Friction (7015) are not permitted for use on fire doors.
4. Stop only (7016) is subject to job specification for fire door use.

2. INSTALL OVERHEAD DOOR HOLDER/STOP (ODHS) (Right Hand Shown)



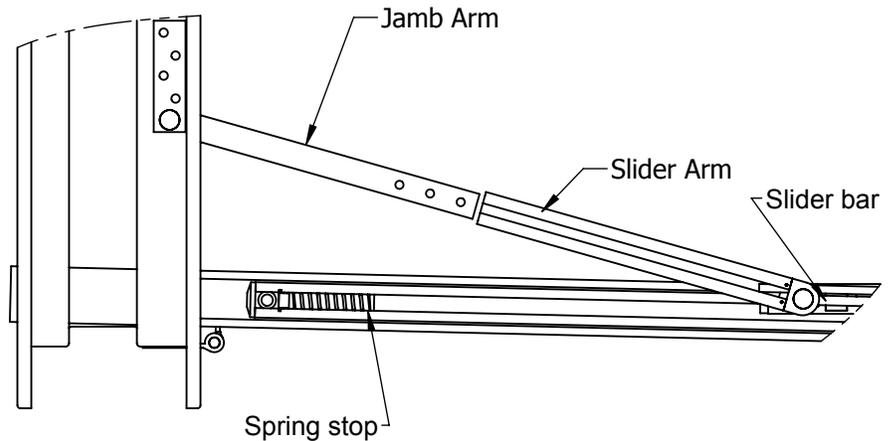
- 1) Determine frame opening and desired degree of door opening. With this information use the chart below to locate, mark and drill the "A" and "C" channel mounting hole locations. Install the channel body with spring end toward hinges.
- 2) Locate and mark desired dimension "B". Cut out the "Jamb Bracket Template" from the bottom of page 3 and align on frame to locate and drill the four jamb bracket mounting holes. Install the jamb bracket.
- 3) Dimension 'A' is taken from the door edge while dimension 'B' is taken from the jamb face

Size	Door Width	85-95 degree of opening		96-110 degree of opening		C
		A	B	A	B	
1	24"-30" [610 - 762]	1-9/16" [39.7]	7-1/16" [179.6]	1-9/16" [39.7]	7-1/16" [179.6]	20-7/8" [527]
	31"-40" [762- 1016]	6-3/16" [157.2]		5-3/16" [131.8]		
2	41"-45" [1041 - 1145]	11-23/32" [297.7]	11-1/16" [281.1]	9-23/23" [246.9]	10-1/16" [255.7]	26" [660.4]
	46"-55" [1145 - 1397]	16-7/32" [412]		13-23/32 [348.5]		

** All Dimensions are in Inches and Millimeters

3. ARM ALIGNMENT

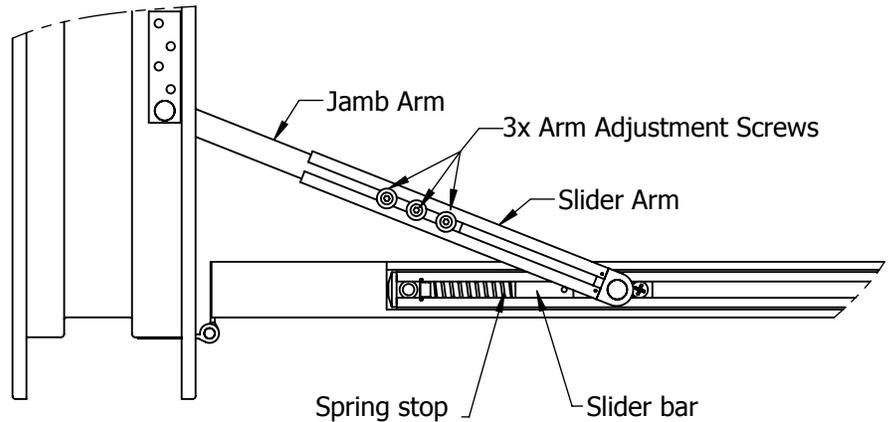
Open the door then align and insert the Jamb Arm into the Slider Arm.



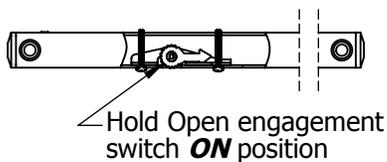
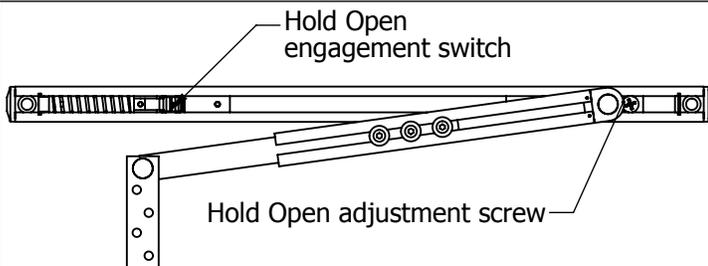
4. SETTING DESIRED DOOR OPENING

If it applies, disengage the hold open engagement switch (step 5a). With the door held at the desired maximum opening angle, position the slider bar against the stop spring. Then tighten the three friction screws. Tighten the screws to **12 ft-lbs [16.3 Nm]**.

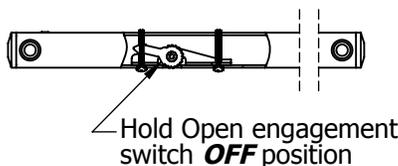
If dead stop is required, position the door 5-7 degrees less than the desired dead stop, and tighten as instructed above.



5a. OPTIONAL HOLD OPEN (7017)



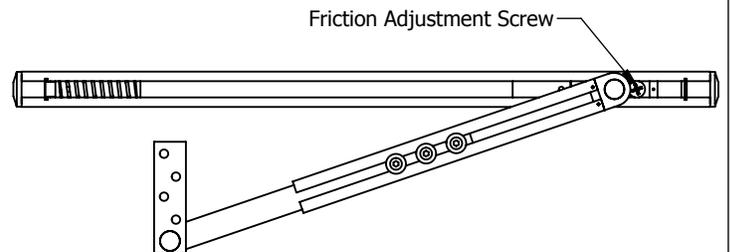
Hold Open engagement switch **ON** position



Hold Open engagement switch **OFF** position

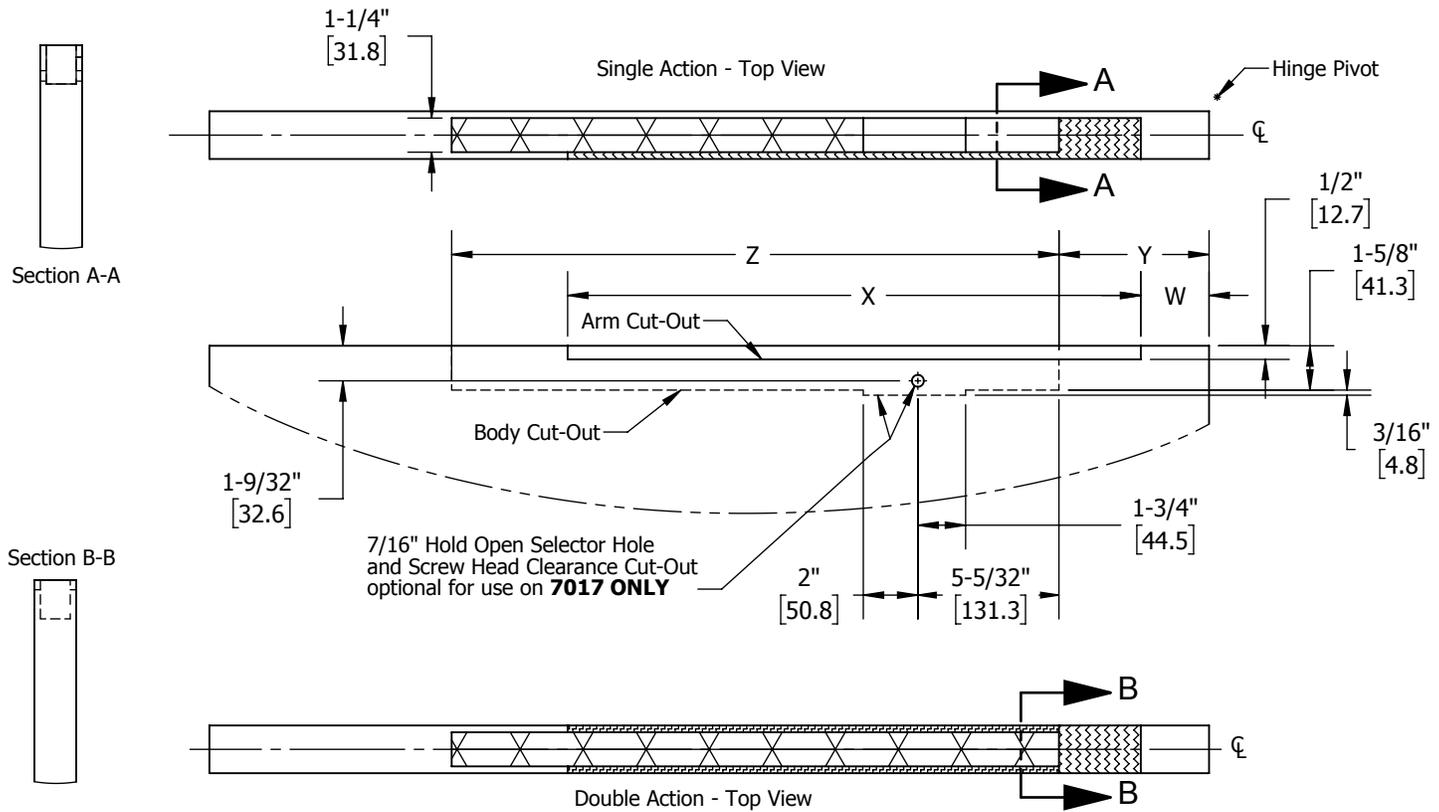
Using a Philips screwdriver, turn the hold open adjustment screw clockwise to increase the hold-open tension and counter-clockwise to lower the tension.

5b. OPTIONAL FRICTION HOLD OPEN (7015)



Using a flat head screw driver, turn the friction adjustment screws clockwise to increase the friction and counter-clockwise to lower the friction.

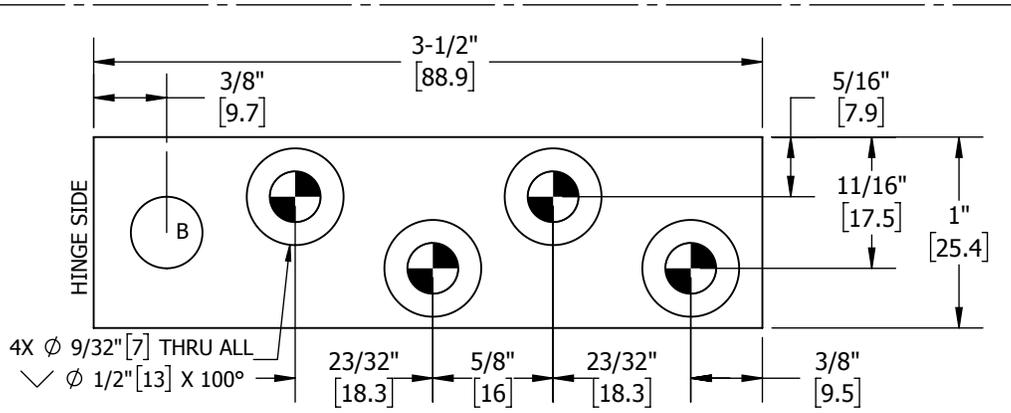
DOOR PREP FOR ALL STYLES OF HOLD OPENS AND STOPS



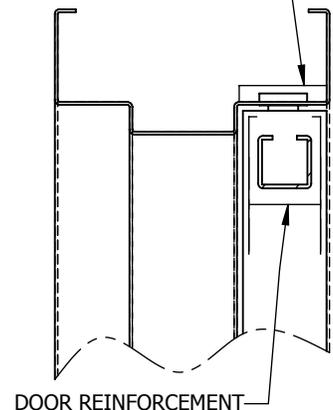
Size	Door Width	85°-95° Opening				97° - 110° Opening			
		X	Z	W	Y	X	Z	W	Y
1	24" - 30" [610-762]	18" [457.2]	22-1/4" [565.2]	SAME AS 'Y'	7/8" [22.2]	18" [457.2]	22-1/4" [565.2]	SAME AS 'Y'	7/8" [22.2]
	31" - 40" [762-1016]				5-1/2" [140]				4-1/2" [114]
2	41" - 45" [1041 - 1145]	23-1/2" [596.9]	27-3/8" [695.3]	10" [254]	11" [279]	25-1/2" [647.7]	27-3/8" [695.3]	SAME AS 'Y'	9" [228.6]
	46" - 55" [1145 - 1397]	28-1/2" [723.9]			15-1/2" [394]				26-1/2" [673.1]



JAMB BRACKET TEMPLATE



FRAME REINFORCEMENT



Cut out and tape parallel to frame at the "B" measurement from step 2.

DRAWING NO: I-CL00317

REV:07

SHEET 3 OF 3