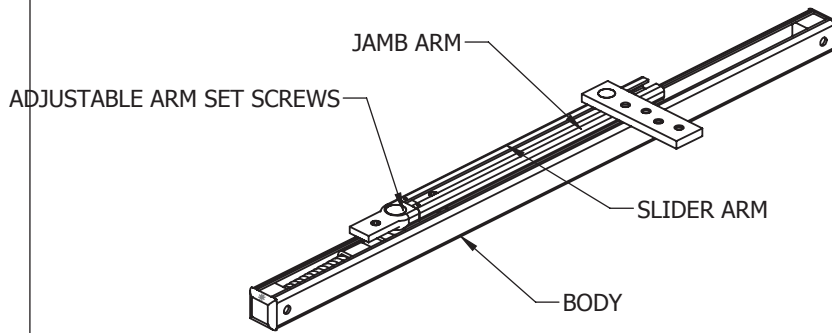


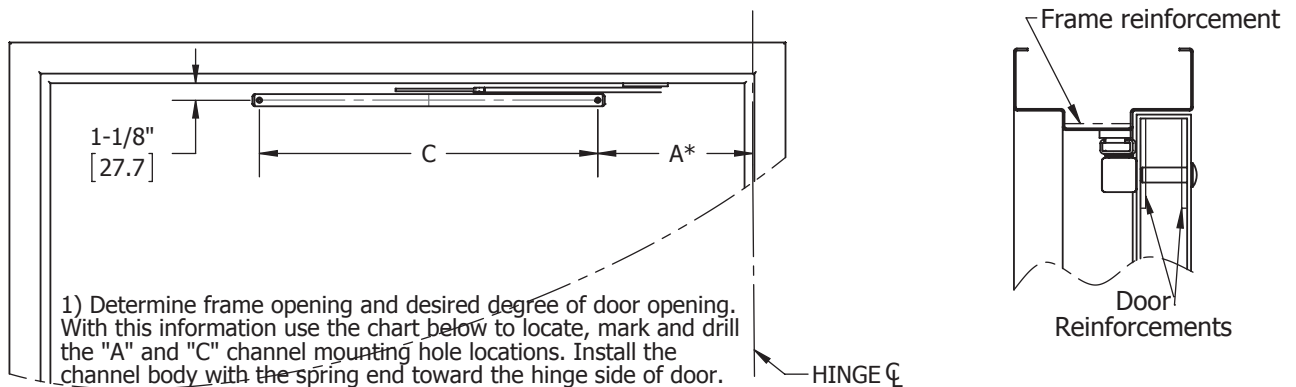
**1. PARTS**


Screw Chart

	QTY	Screw Type
Jamb	4	#9 x 1-1/2" FPHWS
	4	#10-32 x 1/2" FPHMS
Door	2	#10-32 x 1-3/8" FPHMS
	2	#10-32 x 1-1/2" Thru bolts
Arm	3	1/4-20 x 1/4" CPSS
	1	1/8" Hex Key

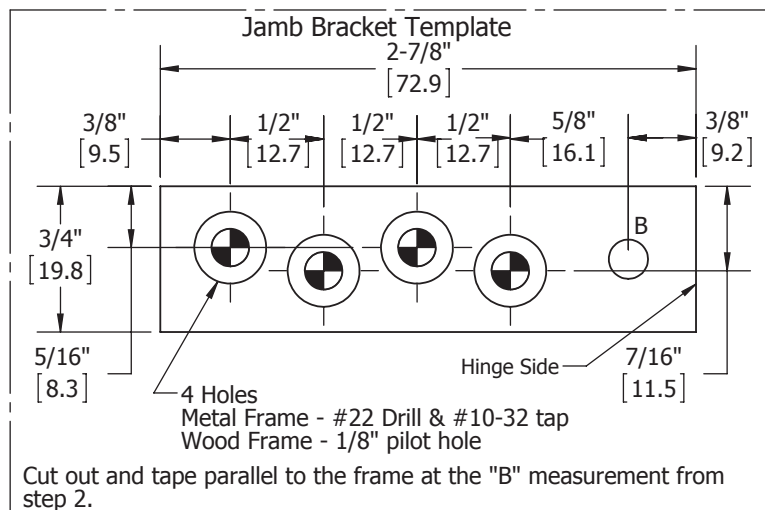
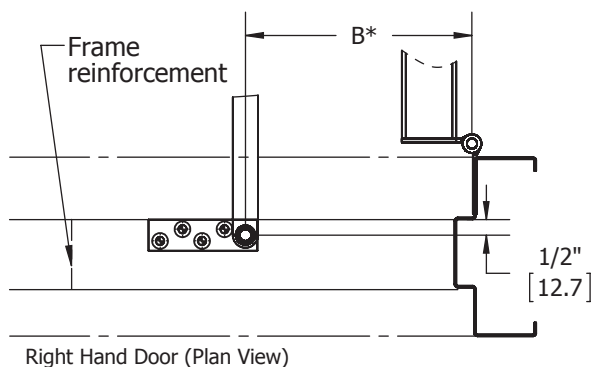
## Pre Installation Notes:

- Hollow metal frames must be properly reinforced with 3/16" (5mm) thick plates that are at least 12" (305mm) long.
- Hollow metal doors must be properly reinforced with 3/16" (5mm) thick plates that are at least 2-1/2" (64mm) wide.
- Hold open (6017) and Friction (6015) are not permitted for use on fire doors.
- Stop only (6016) is subject to job specification for fire door use.

**2. INSTALL OVERHEAD DOOR HOLDER/STOP (ODHS) (RIGHT HAND SHOWN)**


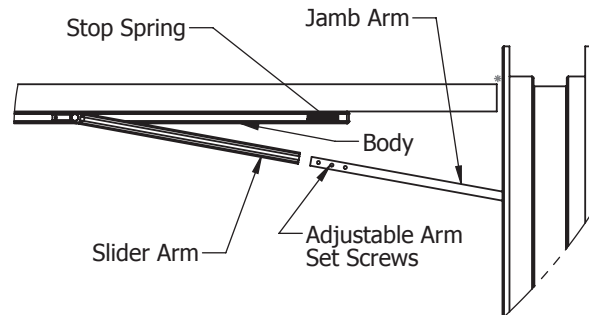
Size	Door Width	85-95 degree opening		96-110 degree opening		C
		A	B	A	B	
1	20"- 24"	1-1/4"[31.8]	6"[152.4]	1-1/4"[31.8]	6"[152.4]	16-5/16"[414.3]
	25"- 33"	5"[127]		4"[101.6]		
2	33"- 41"	10"[254]	9"[228.6]	8"[203.2]	9"[228.6]	21-3/4"[552.4]
	42"- 51"	16"[406.4]		14"[355.6]		

- 2) Locate and mark desired dimension "B" from the chart above. Cut out the "Jamb Bracket Template" from the bottom of the page and align on frame to locate and drill the four jamb bracket mounting holes. Install the jamb bracket.



### 3. ARM ALIGNMENT

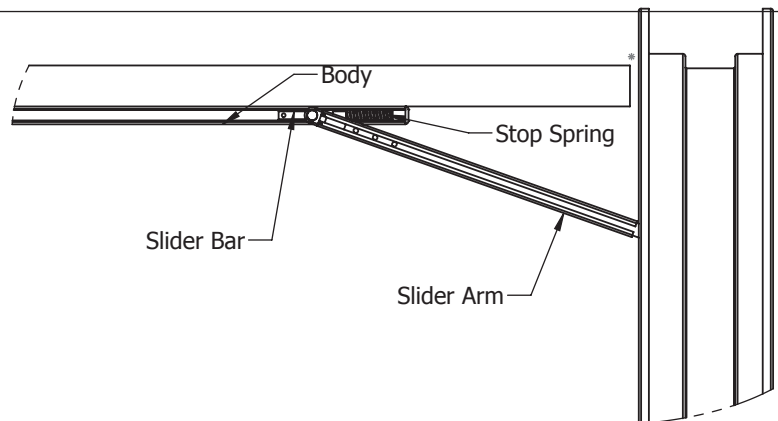
Open the door then align and insert the Jamb Arm into the Slider Arm.



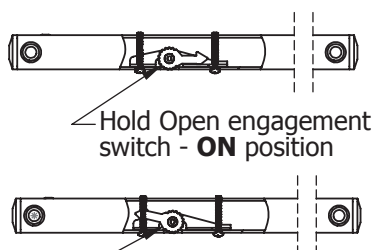
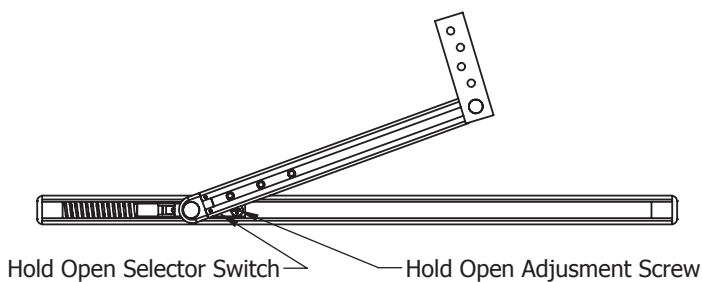
### 4. SETTING DESIRED DOOR OPENING

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. Tighten the three adjustment arm set screws. Tighten to a minimum of 20 in-lbs (WARNING: over tightening may result in damage to the main arm).

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

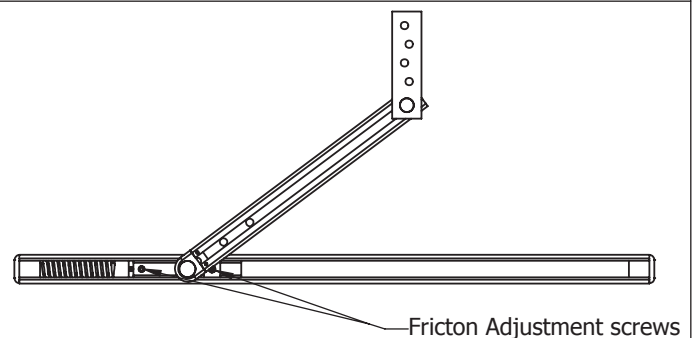


#### 5a. OPTIONAL HOLD OPEN (6017)



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 (6015)



Using a 5/64" [2mm] hex key, turn the friction adjustment screws clockwise to increase the friction and counter-clockwise to lower the friction. Pressure should be evenly distributed between both screws