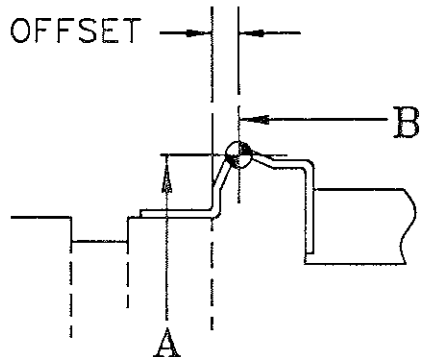
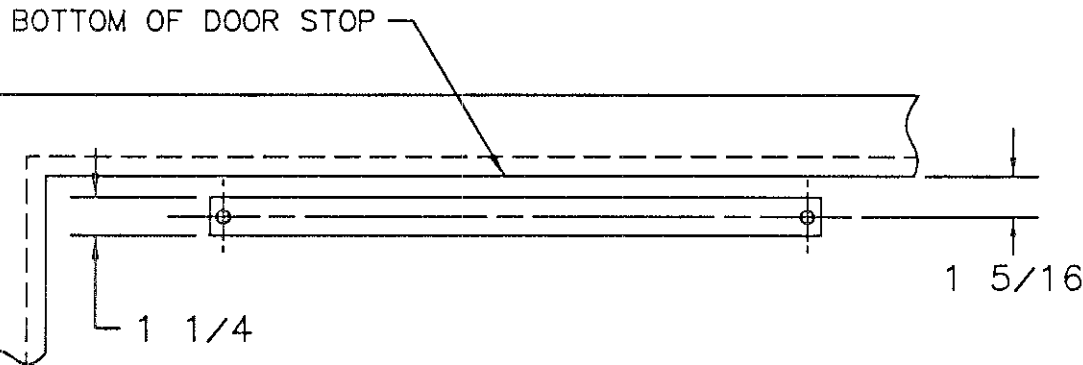
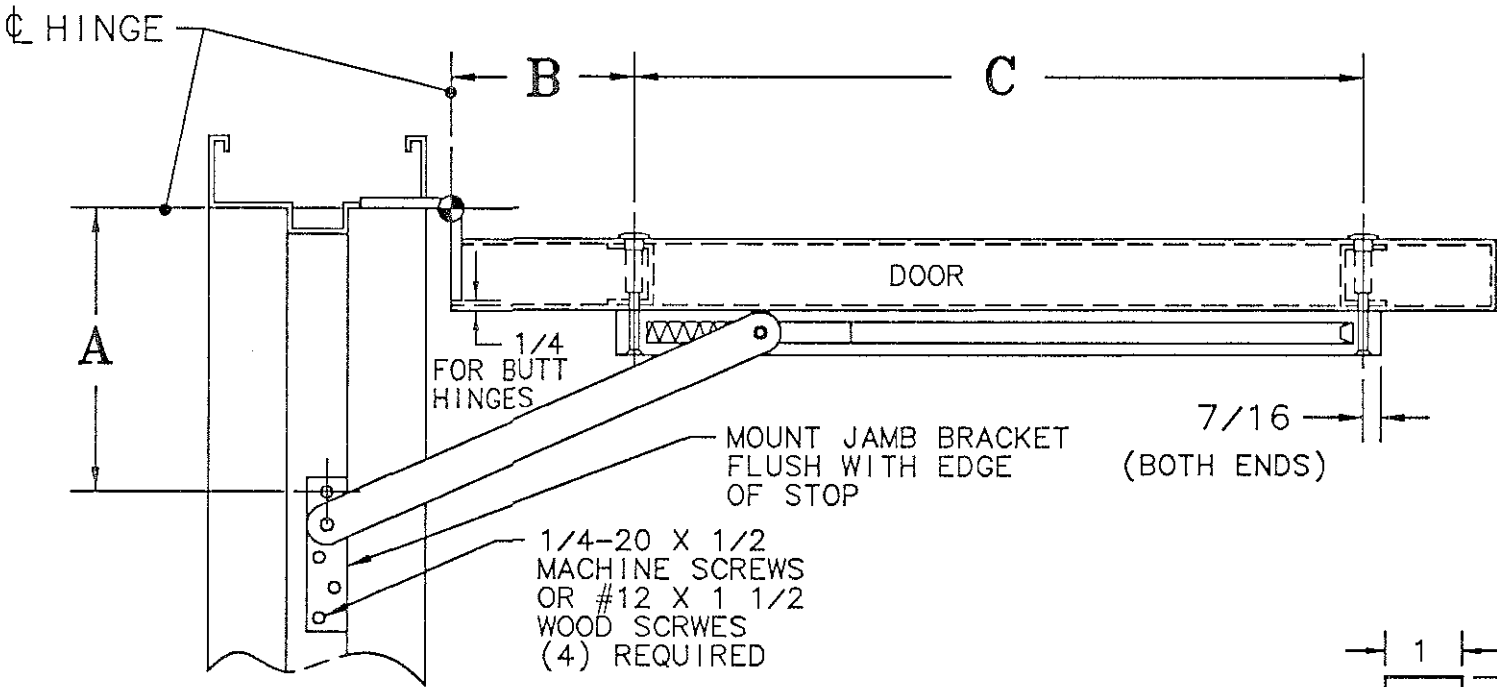


MODEL NO.	ACTUAL DOOR WIDTH	DEGREE OF OPENING AT HOLD OPEN (SEE NOTE 2 FOR STOP)												C
		85°		90°		95°		100°		105°		110°		
		A	B	A	B	A	B	A	B	A	B	A	B	
597H & 597S	24 - 32 $\frac{1}{2}$	7 $\frac{3}{8}$	5	7 $\frac{1}{8}$	4 $\frac{3}{4}$	6 $\frac{5}{8}$	4 $\frac{1}{2}$	6 $\frac{1}{8}$	4 $\frac{1}{4}$	6	3 $\frac{7}{8}$	5 $\frac{7}{8}$	3 $\frac{5}{8}$	17 $\frac{7}{8}$
598H & 598S	32 $\frac{5}{8}$ - 39 $\frac{1}{8}$	8 $\frac{5}{8}$	8 $\frac{7}{8}$	7 $\frac{3}{4}$	8 $\frac{5}{8}$	7 $\frac{1}{4}$	8 $\frac{1}{4}$	6 $\frac{1}{2}$	8	6	7 $\frac{3}{4}$	5 $\frac{5}{8}$	7 $\frac{1}{2}$	19
599H & 599S	39 $\frac{1}{4}$ AND OVER	10 $\frac{1}{8}$	13 $\frac{1}{8}$	9 $\frac{1}{4}$	12 $\frac{7}{8}$	8 $\frac{1}{4}$	12 $\frac{1}{2}$	7 $\frac{1}{2}$	12 $\frac{1}{4}$	7	11 $\frac{7}{8}$	6 $\frac{7}{8}$	11 $\frac{3}{8}$	21

590 MOUNTING GROUP 3		
HINGE TYPE	BUTT WIDTH OR OFFSET	DOOR THICKNESS
BUTT	4	$1\frac{3}{8}$ - $1\frac{3}{4}$
SWING CLEAR	$\frac{3}{8}$	$1\frac{3}{4}$

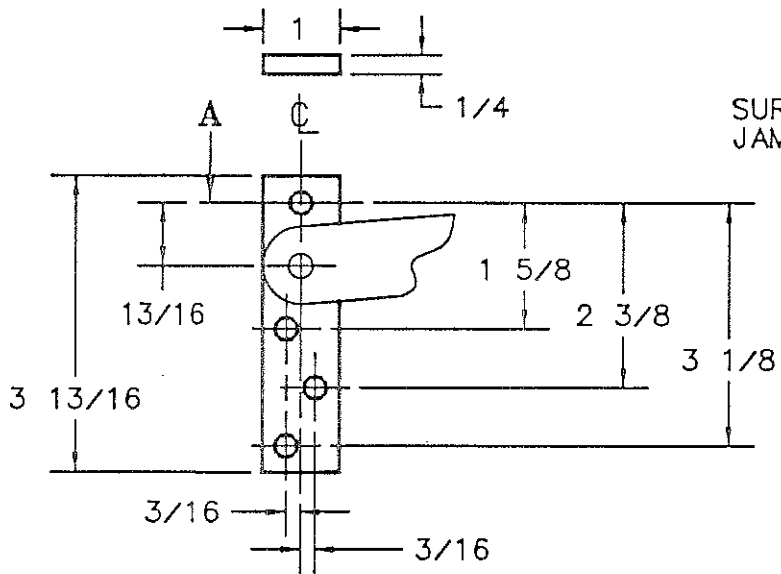


SWING CLEAR HINGE

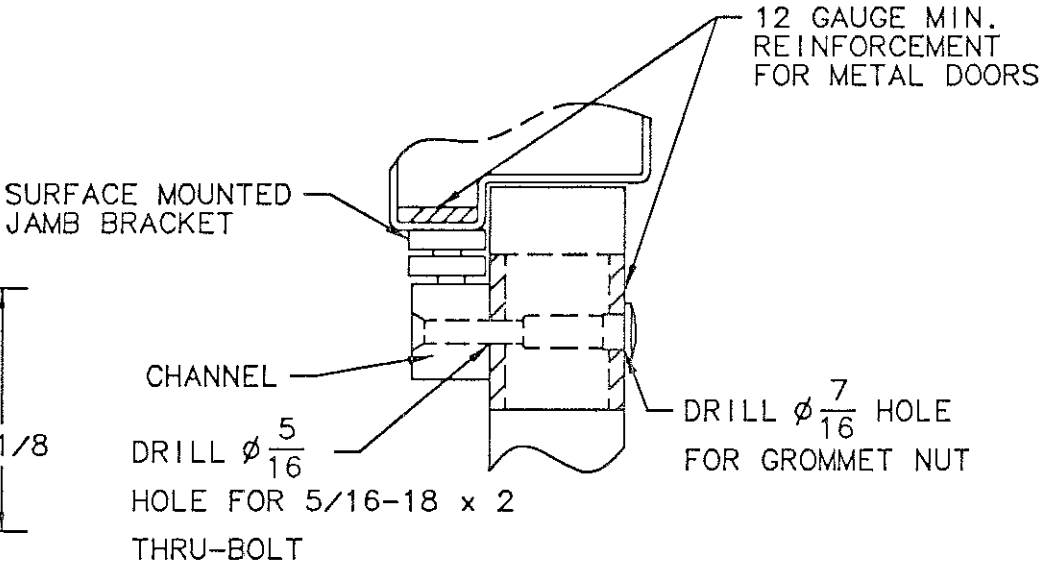


NOTES

1. DIMENSIONS ARE GIVEN FOR THE HOLD OPEN POSITION. DEAD STOP OCCURS 5°-9° AFTER HOLD OPEN.
2. FOR DEAD STOP TEMPLATING, ADD 1/2 TO DIM. "A" AND 3/8 TO DIM. "B".
3. "A" & "B" DIMENSIONS ARE GIVEN FROM ϕ OF HINGE.
4. LEFT HAND SHOWN, RIGHT HAND OPPOSITE.
5. THRU BOLTS AND GROMMET NUTS PROVIDED ALLOWS CHANNEL TO BE MOUNTED ON 1 3/4 - 2 DOORS.
6. FOR DOORS UNDER 25" WIDE, THE STOP MAY HAVE TO BE MODIFIED TO ALLOW FOR CHANNEL CLEARANCE.
7. FOR CONTINUOUS HINGES USE SIMILAR BUTT HINGE VALUES.



JAMB BRACKET DETAIL



SARGENT® Manufacturing Company	
100 Sargent Drive New Haven, CT 06511	
DATA SHEET:	EFFECTIVE DATE
597-599 SERIES DOOR	APRIL 02
HOLDERS AND STOPS	TEMPLATE NO.
- MOUNTING GROUP 3 -	A7481 B