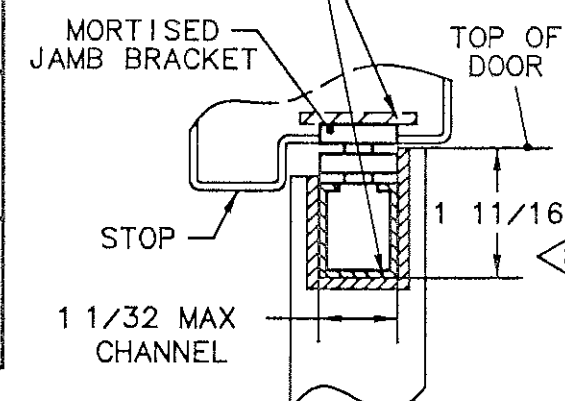
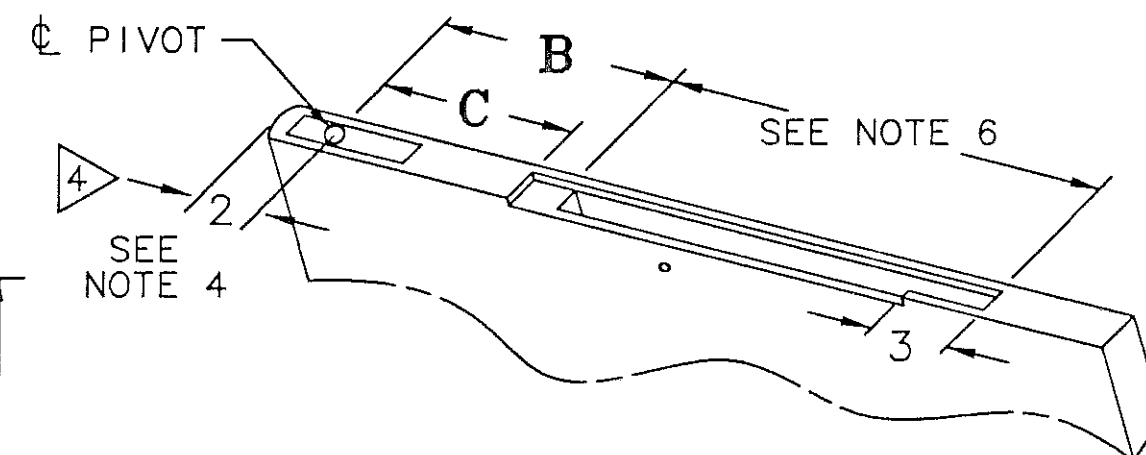
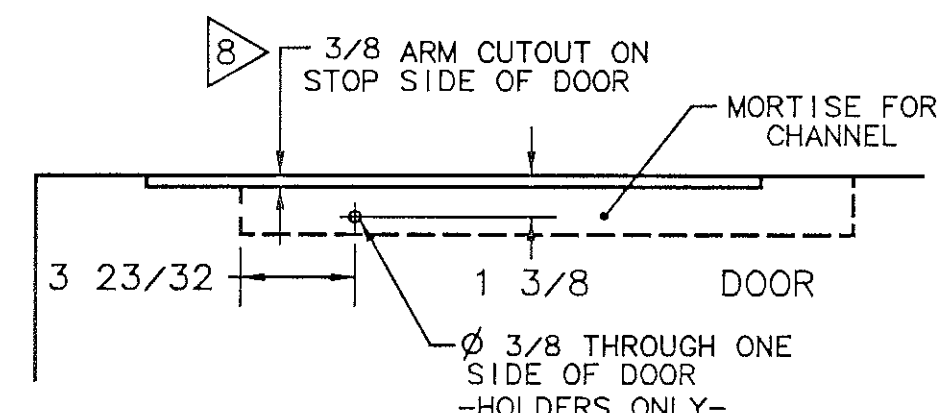
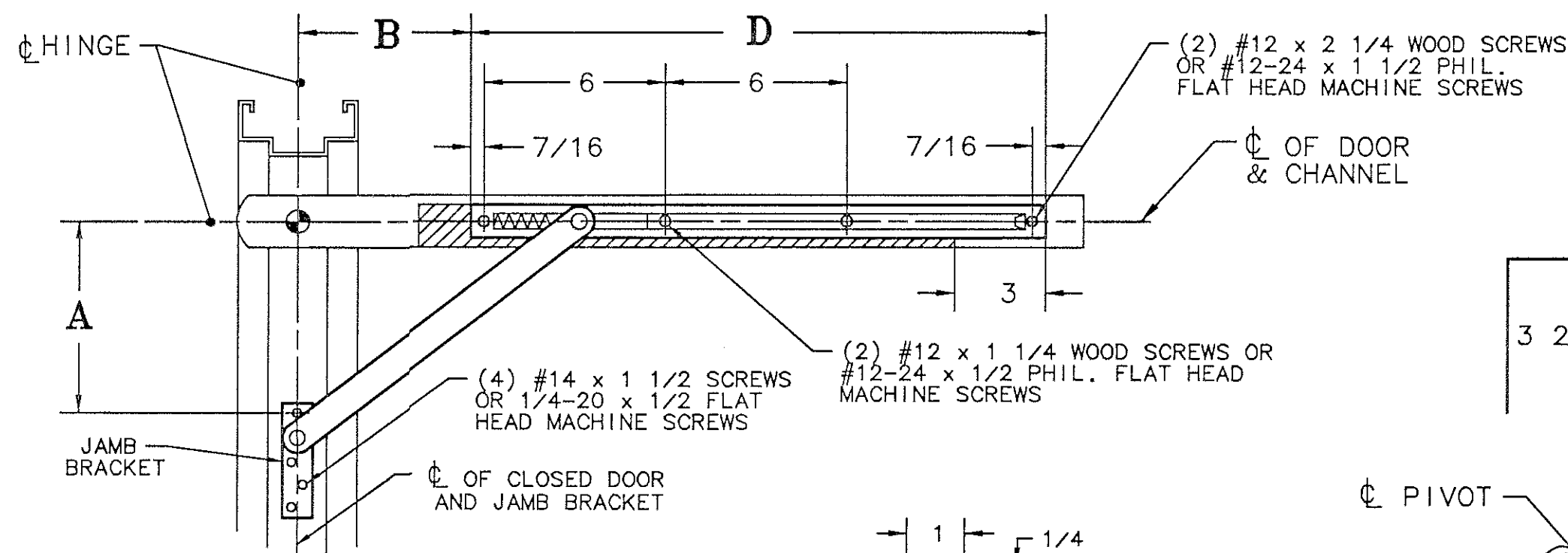


MODEL NO.	OVERALL DOOR WIDTH	DEGREE OF OPENING AT HOLD OPEN OR STOP (FOR DEAD STOP SEE NOTE 2)																		D
		85°			90°			95°			100°			105°			110°			
		A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	
697H & 697S	26 $\frac{3}{4}$ - 32 $\frac{1}{2}$	8	5 $\frac{1}{8}$	6	7 $\frac{5}{8}$	4 $\frac{3}{4}$	5 $\frac{1}{2}$	7 $\frac{1}{4}$	4 $\frac{3}{8}$	5	7	4 $\frac{1}{8}$	4 $\frac{1}{2}$	6 $\frac{3}{4}$	3 $\frac{7}{8}$	4	6 $\frac{1}{2}$	3 $\frac{5}{8}$	3 $\frac{1}{2}$	18 $\frac{3}{4}$
698H & 698S	32 $\frac{5}{8}$ - 39 $\frac{1}{8}$	9 $\frac{1}{8}$	9 $\frac{1}{4}$	9 $\frac{1}{8}$	8 $\frac{5}{8}$	8 $\frac{3}{4}$	8 $\frac{5}{8}$	8 $\frac{1}{4}$	8 $\frac{3}{8}$	8 $\frac{1}{4}$	7 $\frac{7}{8}$	8	7 $\frac{7}{8}$	7 $\frac{1}{2}$	7 $\frac{5}{8}$	7 $\frac{1}{2}$	7 $\frac{1}{4}$	7 $\frac{1}{4}$	6 $\frac{3}{4}$	19 $\frac{7}{8}$
699H & 699S	39 $\frac{1}{4}$ AND OVER	11 $\frac{1}{8}$	13 $\frac{5}{8}$	11 $\frac{1}{8}$	10 $\frac{5}{8}$	13 $\frac{1}{8}$	10 $\frac{5}{8}$	10	12 $\frac{1}{2}$	10	9 $\frac{1}{2}$	12	9 $\frac{1}{2}$	9 $\frac{1}{8}$	11 $\frac{5}{8}$	9 $\frac{1}{8}$	8 $\frac{3}{4}$	11 $\frac{1}{4}$	8 $\frac{3}{4}$	21 $\frac{7}{8}$

12 GA. MIN. REINFORCEMENT REQUIRED FOR METAL DOOR & FRAME

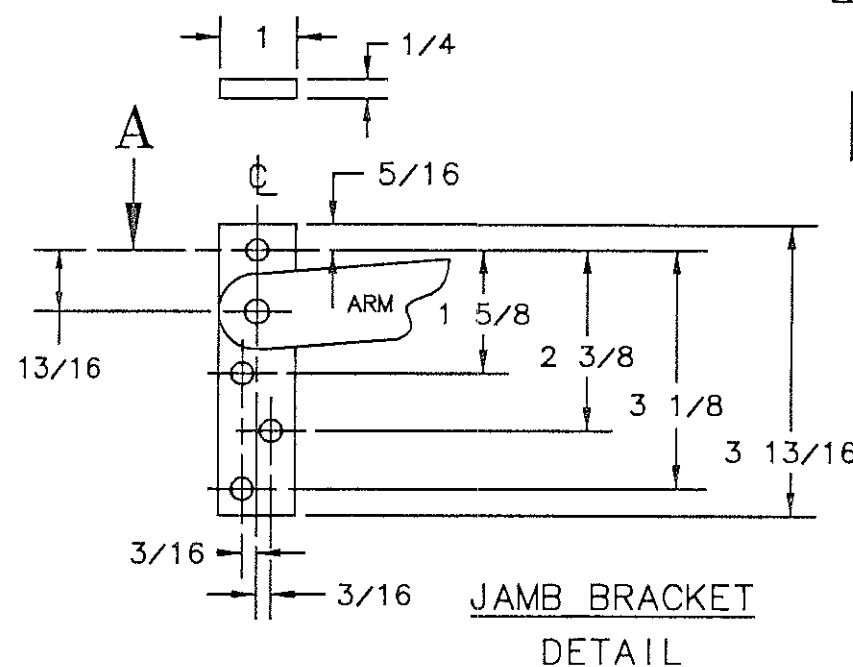


SECTIONAL VIEW WITH DOOR CLOSED



NOTES:

- DIMENSIONS GIVEN ARE FOR THE HOLD OPEN POSITION. DEAD STOP OCCURS 5°-9° AFTER HOLD OPEN.
- FOR DEAD STOP TEMPLATING, ADD $\frac{3}{8}$ TO DIM. A AND $\frac{3}{8}$ TO DIM B.
- LEFT HAND DOOR SHOWN, RIGHT HAND OPPOSITE.
- DOOR WIDTHS WERE BASED ON A 2" BACKSET.
- FOR DOUBLE ACTING DOORS, THE ARM CUT OUT MUST BE MADE ON BOTH SIDES OF DOOR.
- PROVIDE $\frac{1}{16}$ OF CLEARANCE ON EACH END OF CHANNEL.
- FOR CONTINUOUS HINGES, USE SIMILAR BUTT HINGE VALUES.
- MORTISE MAY BE REDUCED TO $1 \frac{5}{8}$ & ARM CUTOUT TO $\frac{5}{16}$ FOR SPECIAL APPLICATIONS.



JAMB BRACKET
DETAIL

SARGENT® Manufacturing Company
100 Sargent Drive New Haven, CT 06511

DATA SHEET: 697-699 SERIES
DOOR HOLDERS & STOPS
WITH CENTER HUNG PIVOTS

EFFECTIVE DATE
MAY 03
TEMPLATE NO.
A7484 E