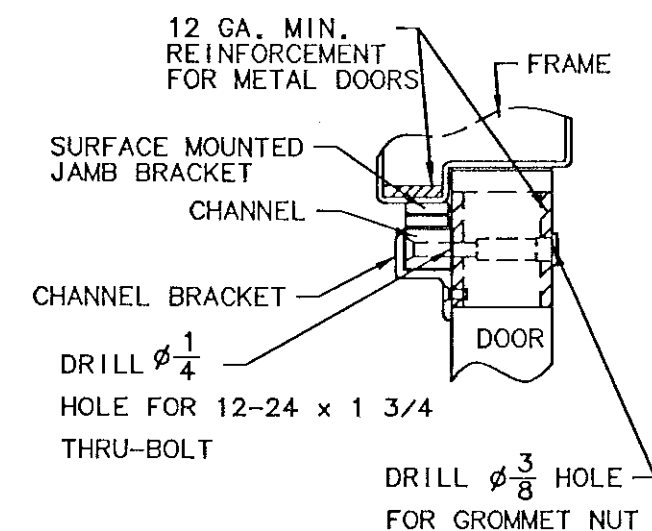
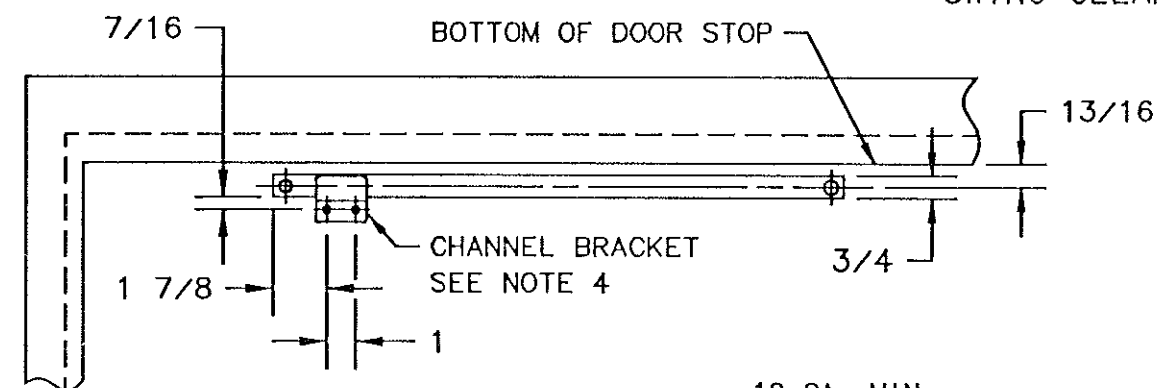
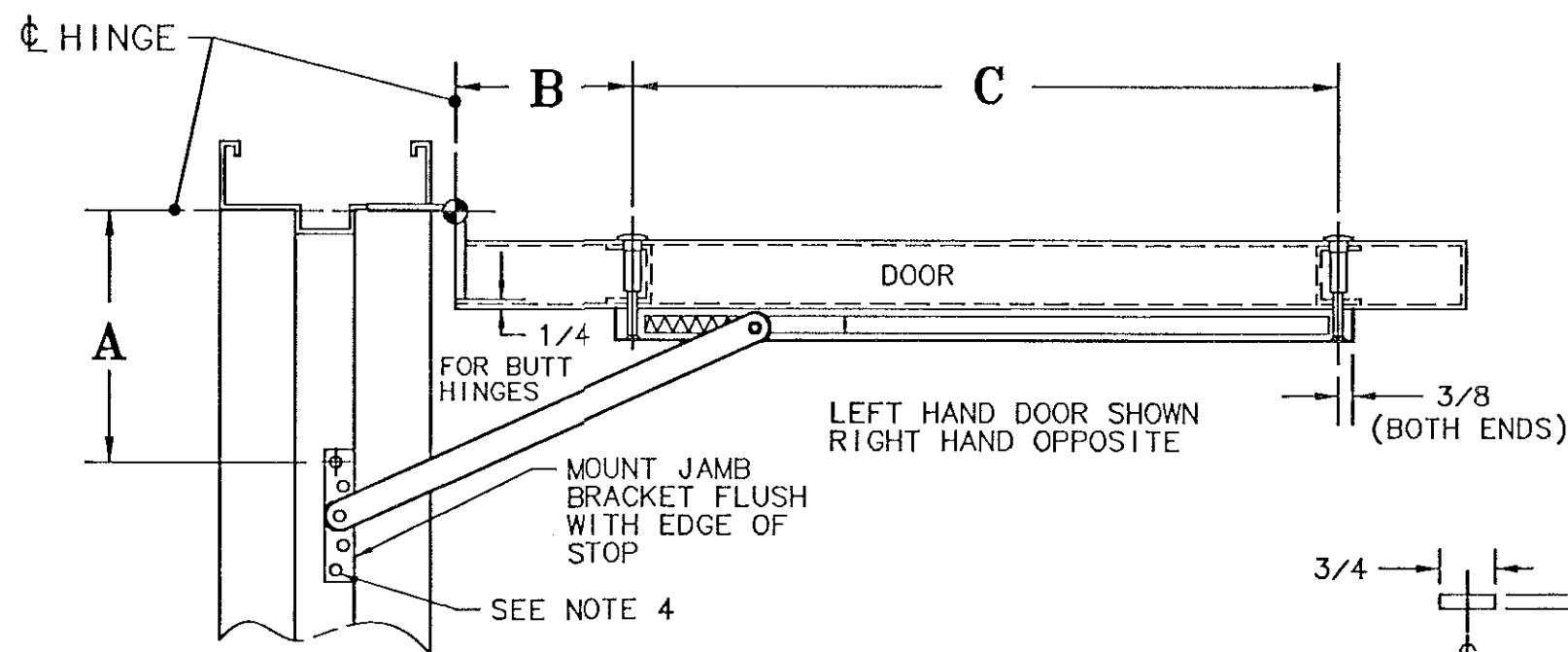
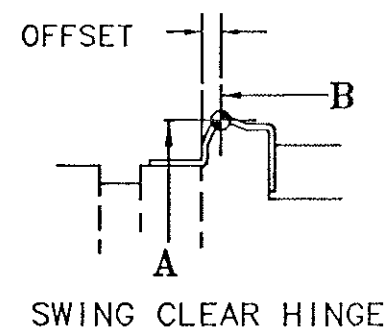


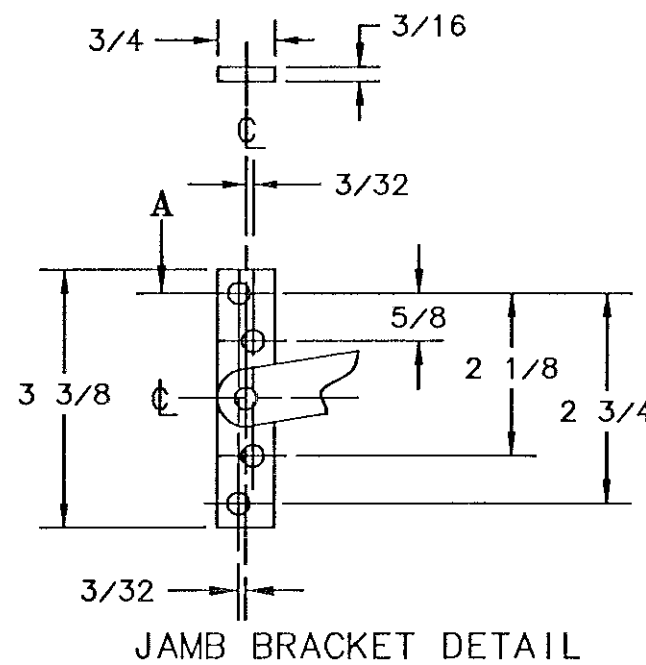
MODEL NO.	ACTUAL DOOR WIDTH	DEGREE OF OPENING AT HOLD OPEN OR STOP (SEE NOTE 1 FOR DEAD STOP)												C	1540 MOUNTING GROUP 2		
		85°		90°		95°		100°		105°		110°			HINGE TYPE	BUTT WIDTH OR OFFSET	DOOR THICKNESS
		A	B	A	B	A	B	A	B	A	B	A	B				
1546	18 $\frac{1}{2}$ -25 (SEE NOTE 5)	4	3 $\frac{3}{8}$	3 $\frac{3}{4}$	3	3 $\frac{1}{2}$	2 $\frac{3}{4}$	3 $\frac{1}{4}$	2 $\frac{1}{2}$	3 $\frac{1}{4}$	2 $\frac{1}{4}$			14 $\frac{1}{4}$	BUTT	4 $\frac{1}{2}$	1 $\frac{3}{4}$ - 2 $\frac{1}{4}$
1547	25 $\frac{1}{8}$ -32 $\frac{1}{2}$	6	6 $\frac{3}{8}$	5 $\frac{1}{2}$	6	5 $\frac{1}{4}$	5 $\frac{5}{8}$	4 $\frac{7}{8}$	5 $\frac{3}{8}$	4 $\frac{5}{8}$	5			4 $\frac{3}{8}$	4 $\frac{3}{4}$	16 $\frac{3}{8}$	OFFSET PIVOT
1548	32 $\frac{5}{8}$ -40	8 $\frac{3}{8}$	9 $\frac{1}{4}$	8	8 $\frac{3}{4}$	7 $\frac{1}{2}$	8 $\frac{3}{8}$	7 $\frac{1}{8}$	8	6 $\frac{3}{4}$	7 $\frac{5}{8}$	6 $\frac{3}{8}$	7 $\frac{3}{8}$	19 $\frac{1}{2}$	SWING CLEAR	$\frac{1}{2}$ $\frac{17}{32}$ $\frac{5}{8}$	1 $\frac{3}{4}$
1549	40 $\frac{1}{8}$ -48	10 $\frac{1}{2}$	14	9 $\frac{7}{8}$	13 $\frac{3}{8}$	9 $\frac{1}{4}$	12 $\frac{7}{8}$	8 $\frac{3}{4}$	12 $\frac{3}{8}$	8 $\frac{1}{4}$	12	8	11 $\frac{1}{2}$	21 $\frac{3}{4}$		$\frac{3}{8}$	2

Diagram illustrating the offset mounting configuration. It shows a side view of a door hinge assembly. Dimension 'A' is the distance from the hinge pin to the edge of the door. Dimension 'B' is the offset distance from the hinge pin to the edge of the frame. The diagram shows the hinge pin passing through the door and the frame, with the offset 'B' being the distance from the hinge pin to the edge of the frame.



NOTES

1. DEAD STOP OCCURS AT APPROX. 9° BEYOND HOLD OPEN POSITION. FOR DEAD STOP MOUNTING AT LISTED ANGLE, ADD 1/4 TO DIM. A & B.
2. FOR SINGLE DOORS UNDER 20" IN WIDTH, THE STOP MAY HAVE TO BE MODIFIED TO ALLOW FOR CHANNEL CLEARANCE.
3. STANDARD THRU BOLT AND GROMMET NUT FURNISHED ALLOWS CHANNEL TO BE MOUNTED ON DOORS 1 $\frac{3}{8}$ TO 1 $\frac{3}{4}$ THICK.
4. USE #12-24 x 1/2 FLAT HEAD MACHINE SCREWS OR #12 FLAT HEAD WOOD SCREWS. 4 REQUIRED FOR JAMB BRACKET, 2 REQUIRED FOR CHANNEL BRACKET.
5. 19 $\frac{1}{2}$ MIN. DOOR WIDTH WITH OFFSET HINGE.
6. FOR CONTINUOUS HINGES, USE SIMILAR BUTT HINGE VALUES.



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

DATA SHEET:
1546-1549 SERIES
HOLDERS & STOPS
- MOUNTING GROUP 2 -

EFFECTIVE DATE
MARCH 31-03
TEMPLATE NO.
A7489 D