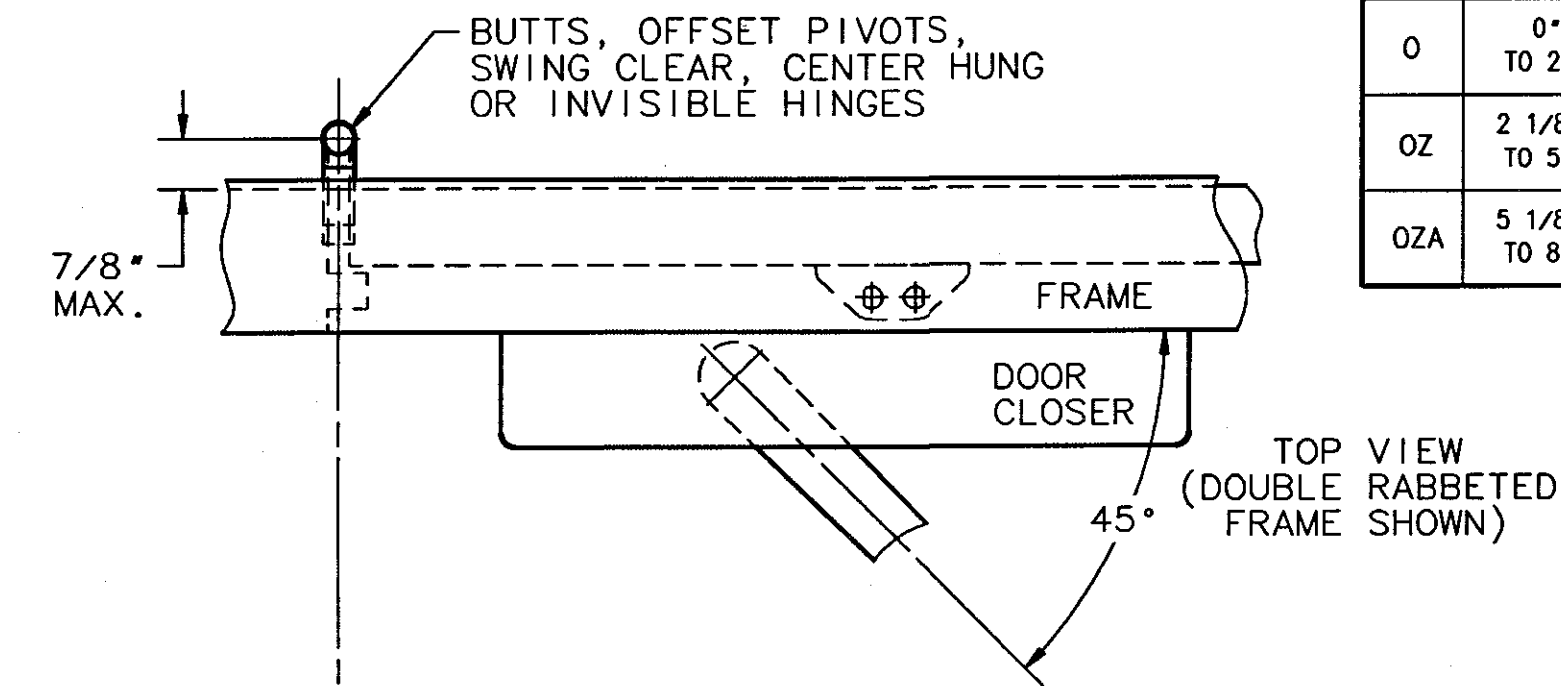
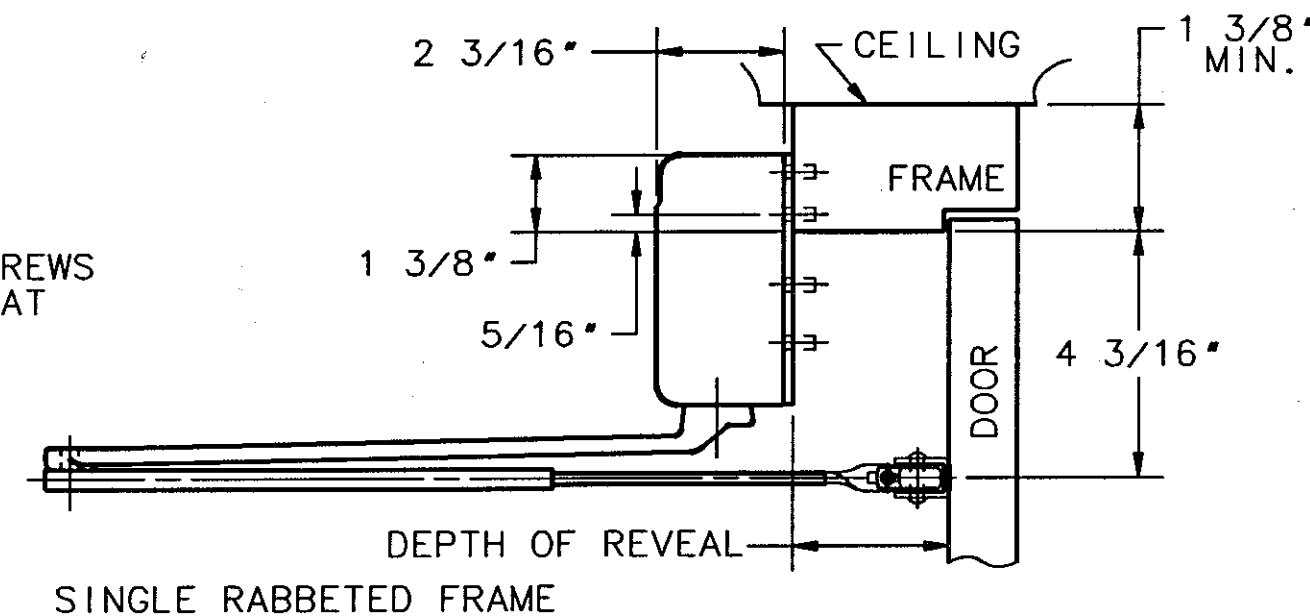
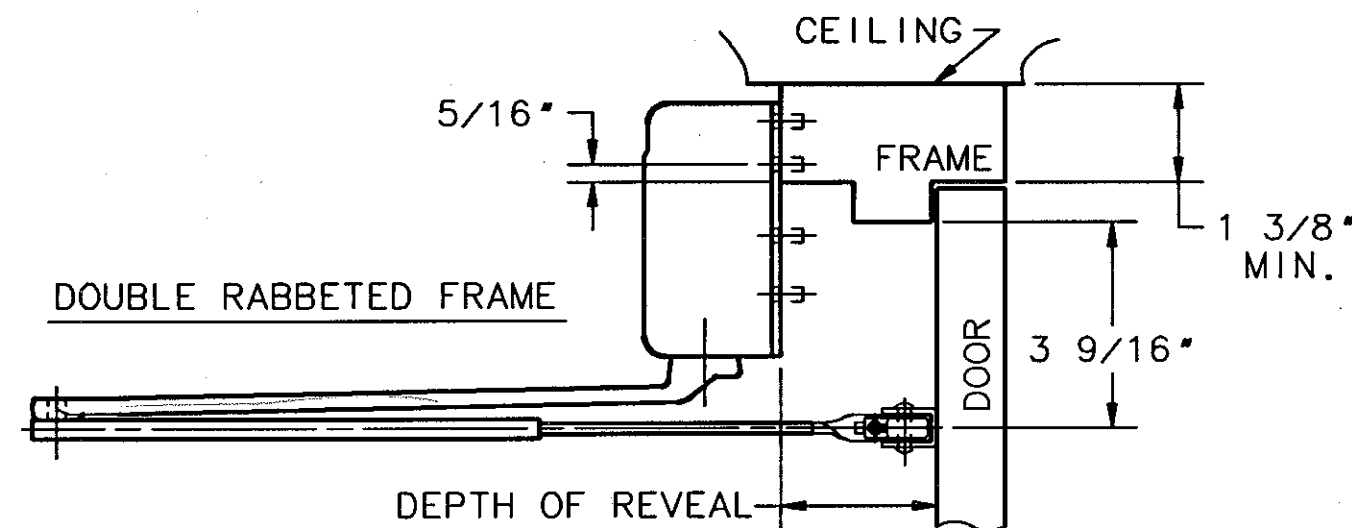
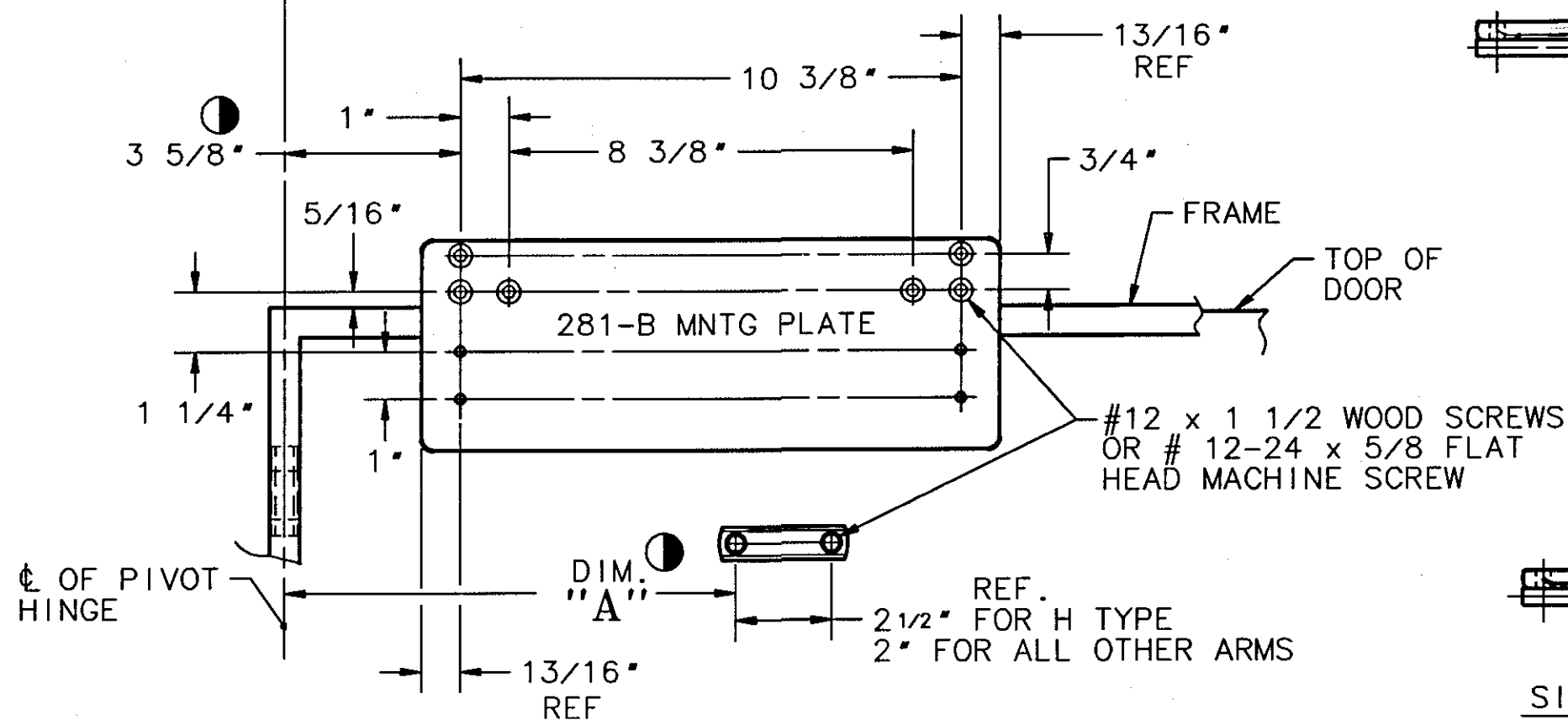




TYPE ARM	DEPTH OF REVEAL	DIM. "A"	MAX. DOOR OPENING
O	0" TO 2"	13 3/4"	90°
		12 1/4"	110°
		9 5/16"	180°
OZ	2 1/8" TO 5"	13 3/4"	90°
		12 1/2"	110°
		10 1/8"	140°
OZA	5 1/8" TO 8"	13 3/4"	90°
		12 3/4"	110°
		10 15/16"	140°

TYPE ARM	DEPTH OF REVEAL	DIM. "A"	MAX. DOOR OPENING	RANGE OF HOLD OPEN
F	0" TO 2"	13 3/4"	90°	80°-90°
		12 1/4"	110°	80°-110°
		9 5/16"	140°	80°-180°
FZ	2 1/8" TO 5"	13 3/4"	90°	80°-90°
		12 1/2"	110°	80°-110°
		10 1/8"	140°	80°-130°
FZA	5 1/8" TO 8"	13 3/4"	90°	80°-90°
		12 3/4"	110°	80°-110°
		10 15/16"	140°	80°-130°

TYPE ARM	DEPTH OF REVEAL	DIM. "A"	MAX. DOOR OPENING	RANGE OF HOLD OPEN
H	0" TO 2"	13 5/8"	90°	80°-90°
		12"	110°	80°-110°
		9 1/8"	180°	80°-180°
HZ	2 1/8" TO 5"	13 5/8"	90°	80°-90°
		12 1/4"	110°	80°-110°
		9 7/8"	140°	80°-140°
HZA	5 1/8" TO 8"	13 5/8"	90°	80°-90°
		12 5/8"	110°	80°-110°
		10 11/16"	140°	80°-130°



③ LEFT HAND DOOR SHOWN, RIGHT HAND DOOR OPPOSITE.

② MAXIMUM DOOR OPENINGS SHOWN IN CHARTS APPLY TO DOORS UP TO 2 1/4" THICK ONLY.

① 12 GAUGE MIN. REINFORCEMENTS REQUIRED FOR METAL DOORS AND FRAMES.

④ THIS DIMENSION IS TAKEN FROM HINGE EDGE OF DOOR FOR INVISIBLE HINGES.

SARGENT MANUFACTURING COMPANY

NEW HAVEN, CONN. 06511

DATA SHEET: 281 SERIES CLOSER
x TOP JAMB x LOW CEILING
CONDITIONS APPLICATION -
O, H & F ARMS

EFFECTIVE DATE

JAN.00

TEMPLET NO.

A7246 B