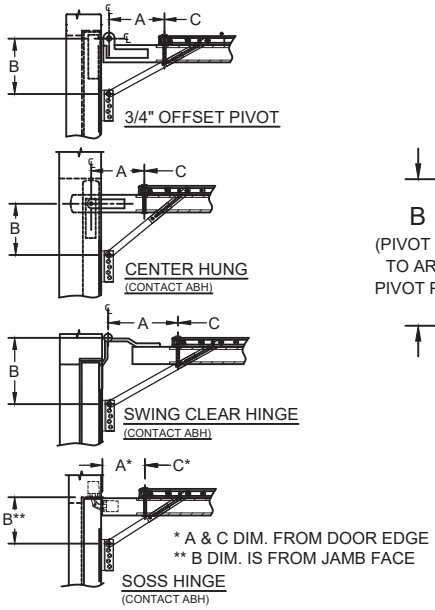
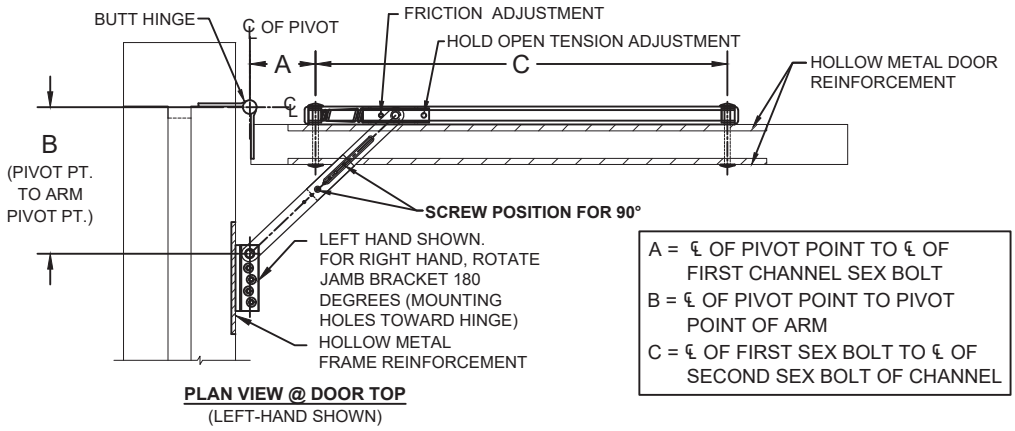
9000A SERIES OVERHEAD HOLDERS & STOPS - PULL SIDE

● SURFACE MOUNT ● HEAVY DUTY ● ADJUSTABLE ● W/90541 ANGLE JAMB BRACKET

● 9010A PULL HOLD-OPEN ● 9020A PULL STOP ● 9030A PULL FRICTION

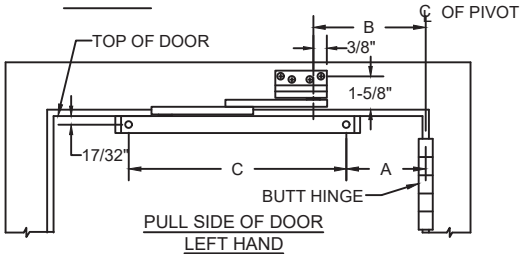


* A & C DIM. FROM DOOR EDGE
** B DIM. IS FROM JAMB FACE

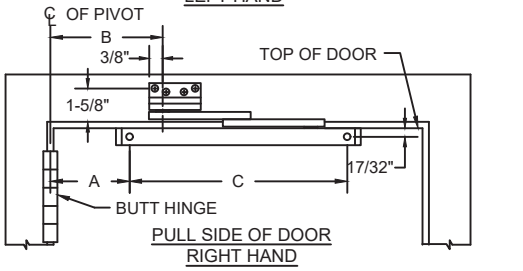


PLAN VIEW @ DOOR TOP
(LEFT-HAND SHOWN)

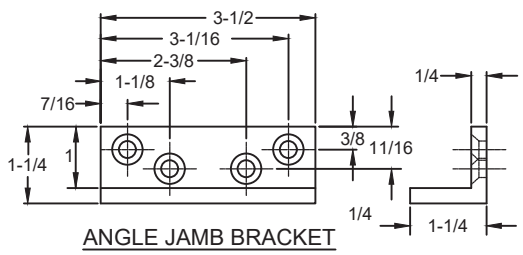
A = ℄ OF PIVOT POINT TO ℄ OF FIRST CHANNEL SEX BOLT
B = ℄ OF PIVOT POINT TO PIVOT POINT OF ARM
C = ℄ OF FIRST SEX BOLT TO ℄ OF SECOND SEX BOLT OF CHANNEL



PULL SIDE OF DOOR
LEFT HAND

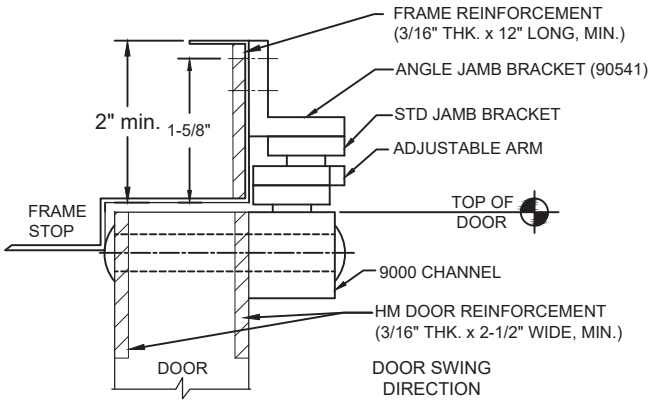


PULL SIDE OF DOOR
RIGHT HAND



ANGLE JAMB BRACKET

REFER PAGE 2 FOR OTHER DETAILS



SECTION VIEW

REVERSE INSTALLATION
PULL SIDE OF DOOR

THE ANGLE BRACKET IS SECURED TO THE HEADER WITH WOOD OR MACHINE SCREWS.
THE JAMB BRACKET FASTENS TO THE ANGLE BRACKET WITH MACHINE SCREWS.
THE CHANNEL MOUNTS ON THE DOOR WITH SEX BOLTS.
REVERSE INSTALLATION METHOD IS NOT RECOMMENDED FOR EXTERIOR DOORS OPENING OUT.

NOTES:

1. OH HOLDER UNIT IS REVERSIBLE/ NON-HANDED, INSTALLATION IS HANDED.
2. FOR SINGLE ACTING DOOR
3. ALWAYS REQUEST LATEST TEMPLATE / DRAWINGS FOR NEW INSTALLATIONS
4. ALL DRILLING & TAPPING TO BE DONE IN FIELD.
5. PROPER SOLID BLOCKING OR REINFORCEMENT PER ANSI/SDI A250 IN WOOD / HOLLOW METAL JAMB & DOOR IS REQ'D FOR MOUNTING SCREWS TO AVOID ANY PULL OUT or DEFORMATION OF SCREWS DUE TO FORCE OVER THE TIME.
6. DO NOT SCALE DRAWING
7. ALL DIMENSIONS ARE IN INCHES, UNLESS NOTED OTHERWISE.

9000A PULL-1-00.DWG

ARCHITECTURAL BUILDERS HARDWARE
FAMILY-OWNED SINCE 1991 & MADE IN ITASCA, USA.

ABHMFG.COM
abhinfo@abhmfg.com
630.875.9900

9000A Pull Side With 90541 ANGLE BRACKET

9000A SERIES OVERHEAD HOLDERS & STOPS - PULL SIDE

◆ SURFACE MOUNT ◆ HEAVY DUTY ◆ ADJUSTABLE ◆ W/90541 ANGLE BRACKET

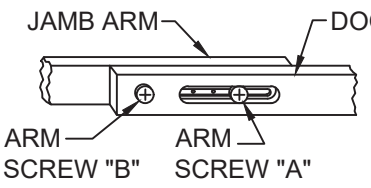


FIG. 1

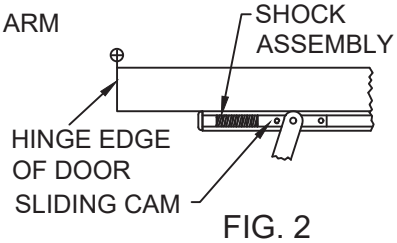


FIG. 2

TO CHANGE / ADJUST HOLD OPEN OR STOP DEGREE

1. LOOSEN "ARM SCREW A" IN SLOTTED SECTION. SEE FIG. 1. DO NOT REMOVE.
2. REMOVE "ARM SCREW B" ONLY. SEE FIG. 1.
3. OPEN DOOR TO DESIRED DEGREE.
4. POSITION "SLIDING CAM" AGAINST SHOCK ASSEMBLY. SEE FIG. 2.
5. INSTALL "ARM SCREW B" IN ARM AND SECURE.
6. TIGHTEN "ARM SCREW A" SECURELY.

CAUTION:
ARM SCREW "B" MUST BE INSTALLED AND BOTH SCREWS "A" AND "B" SECURED OR UNIT WILL FAIL TO HOLD POSITION

SCREW DETAIL			
	QTY	WOOD	METAL
ANGLE JAMB BRACKET	4	#14 x 1-1/2 PHILLIPS FLAT HEAD WOOD SCREW	1/4 - 20 x 3/4 FLAT HEAD MACHINE SCREW
JAMB	4		1/4 - 20 x 1/2 FLAT HEAD MACHINE SCREW
DOOR	2	5/16 - 18 x 2 PHILLIPS TRUSS HEAD MACHINE SCREW 1/2 Ø SEX BOLT	5/16 - 18 x 2 PHILLIPS TRUSS HEAD MACHINE SCREW 1/2 Ø SEX BOLT

DOOR THICKNESS	MODEL NO.	DOOR FRAME OPENING	85° TO 110° (set @ 90°)		
			A	B	C
1-3/4" TO 2-1/4" STANDARD BUTT HINGES & 3/4" OFFSET PIVOTS	9011A HOLDER 9021A STOP 9031A FRICTION	28" TO 31-15/16"	3-13/16	7-3/8	20-15/16
	9012A HOLDER 9022A STOP 9032A FRICTION	32" TO 39-15/16"	6-3/8	8-5/8	22-13/16
	9013A HOLDER 9023A STOP 9033A FRICTION	40" TO 43"-15/16"	11-11/16	10-7/8	25-5/8
	9014A HOLDER 9024A STOP 9034A FRICTION	44" TO 54"	14-1/2	11-11/16	26-7/8