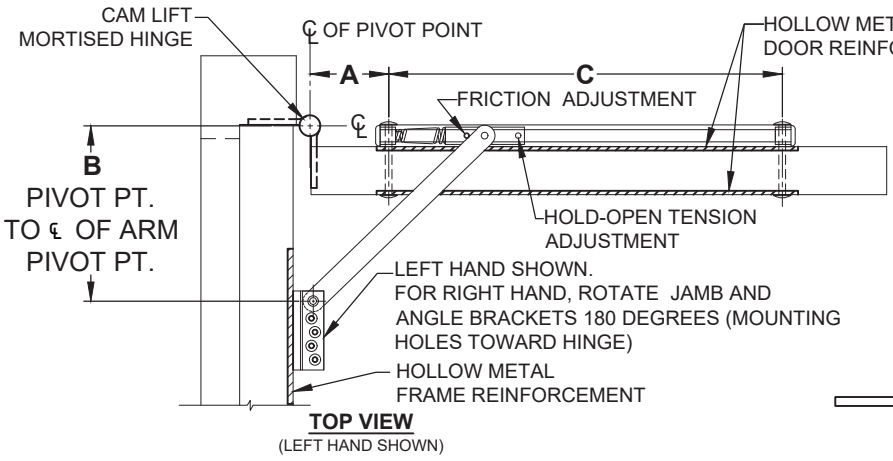
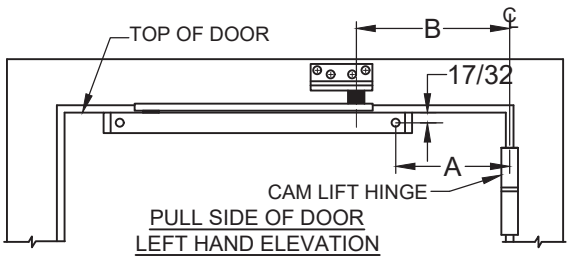
9000CL SERIES HOLDERS & STOPS, SURFACE MOUNT ON PULL SIDE OF DOOR

WITH CAM LIFT HINGES - MAX. 1/2" CAM LIFT

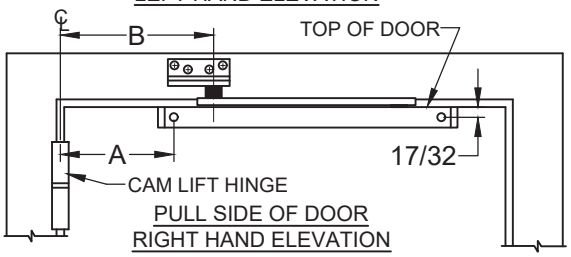


TOP VIEW
(LEFT HAND SHOWN)

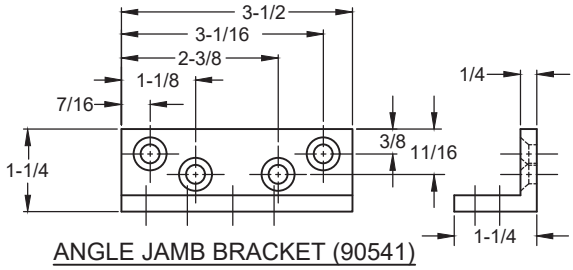
A = FROM ℄ OF PIVOT POINT TO ℄ OF FIRST SEX BOLT.
B = FROM ℄ OF PIVOT POINT TO FIRST HOLE OF JAMB BRACKET
C = ℄ OF FIRST SEX BOLT TO ℄ OF SECOND SEX BOLT



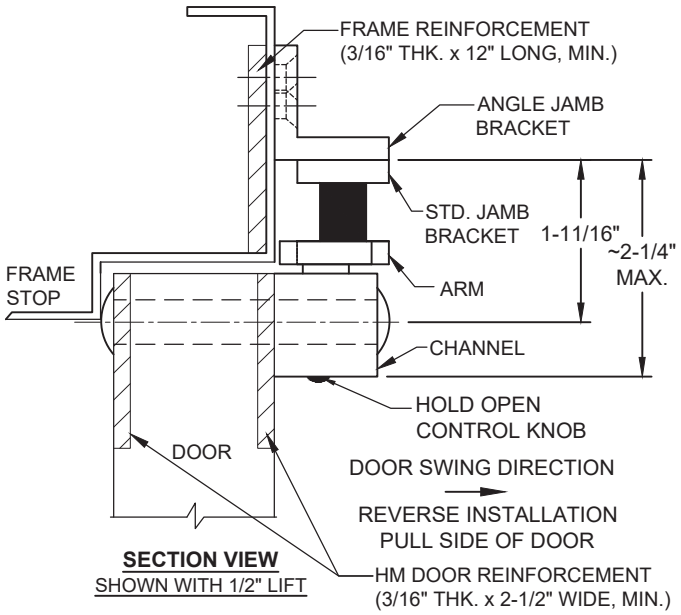
PULL SIDE OF DOOR
LEFT HAND ELEVATION



PULL SIDE OF DOOR
RIGHT HAND ELEVATION



ANGLE JAMB BRACKET (90541)



SECTION VIEW
SHOWN WITH 1/2" LIFT

SCREW DETAIL			
	QTY	WOOD	METAL
ANGLE JAMB BRACKET	4	#14 x 1-1/2 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 TRUSS HEAD MACHINE SCREW	
	2	1/2 DIA. SEX BOLT (SPECIAL 5/16-18x1-9/16" FL.HD.)	

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. UNIT IS REVERSIBLE/ NON-HANDED, INSTALLATION HANDED (NOTE HOLE PATTERN IN JAMB BRACKET)
2. FOR SINGLE ACTING DOORS ONLY
3. ALL DRILLING & TAPPING TO BE DONE IN FIELD.
4. ALWAYS REQUEST LATEST TEMPLATE / DRAWING FOR NEW INSTALLATIONS.
5. ALL DIMENSIONS ARE IN INCHES, UNLESS NOTED.
6. DRAWING IS NOT TO SCALE.
7. IF USED ON ACOUSTICAL DOORS, CONTACT DOOR MANUFACTURER FOR INFORMATION TO AVOID COMPROMISING THE INTEGRITY OF THE DOOR.
8. RECOMMENDED MOUNTING DOOR OH HOLDER & STOP FIRST THEN OTHER HARDWARE.

9000CL PULL-01-04.DWG

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

ABHMFG.COM
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630.875.9900

9000CL SERIES HOLDERS & STOPS, SURFACE MOUNT ON PULL SIDE OF DOOR

WITH CAM LIFT HINGES - MAX. 1/2" CAM LIFT
• 9010 HOLDERS • 9020 STOPS • 9030 FRICTION

1. FOR DEAD STOP ADD 3/4" TO "A" DIMENSION
2. ALL DIMENSIONS ARE IN INCHES, UNLESS NOTED OTHERWISE.
3. ALL DRILLING AND TAPPING TO BE DONE IN FIELD.

	DEGREE		85° H.O.		90° H.O.		95° H.O.		100° H.O.		105° H.O.		110° H.O.		
	MODEL NO.	DOOR OPENING	A	B	A	B	A	B	A	B	A	B	A	B	C
DOOR THICK-NESS 1-3/4" TO 2-1/4" CAM LIFT MORTISE HINGE,	• 9018 CL • 9028 CL • 9038 CL	24 TO 27-15/16	4-1/16	6-7/8	3-11/16	6-7/16	3-5/16	6-1/4	3	6	3-3/16	5-1/8	3-1/16	4-3/4	17-1/2
	• 9011 CL • 9021 CL • 9031 CL	28 TO 29-15/16	5	7-3/16	4-7/8	6-3/8	4-3/4	5-5/8	4-5/8	4-7/8	4-1/2	4-5/8	4-3/8	4-3/16	20-1/2
	• 9012 CL • 9022 CL • 9032 CL	30 TO 31-15/16	6-5/8	8-5/8	6-1/2	7-5/8	6-3/8	6-3/4	6-1/4	6-1/16	6-1/8	5-9/16	6	5-3/16	20-15/16
	• 9013 CL • 9023 CL • 9033 CL	32 TO 35-15/16	7-1/2	9-1/16	7-3/8	7-15/16	7-1/4	7-1/16	7-1/8	6-3/8	7	5-3/4	6-7/8	5-3/8	21-5/8
	• 9014 CL • 9024 CL • 9034 CL	36 TO 39-15/16	9-15/16	11	9-1/2	10-1/4	9-3/8	9-3/16	9-1/4	8-1/4	9-1/8	7-1/2	9	6-3/4	22-13/16
	• 9015 CL • 9025 CL • 9035 CL	40 TO 41-15/16	13	12-3/8	12-1/8	11-3/4	12	10-7/16	11-7/8	9-3/8	11-3/4	8-7/16	11-5/8	7-3/4	24
	• 9016 CL • 9026 CL • 9036 CL	42 TO 43-15/16	14-3/8	12-13/16	13-5/8	12-3/16	13-1/2	10-3/4	13-3/8	9-9/16	13-1/4	8-5/8	13-1/8	7-7/8	24-9/16
	• 9017 CL • 9027 CL • 9037 CL	44 TO 56	15-3/4	13-1/2	15-1/8	12-5/8	14-3/4	11-7/16	14-5/8	10-1/4	14-1/2	9-3/16	14-3/8	8-3/8	25-1/8

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