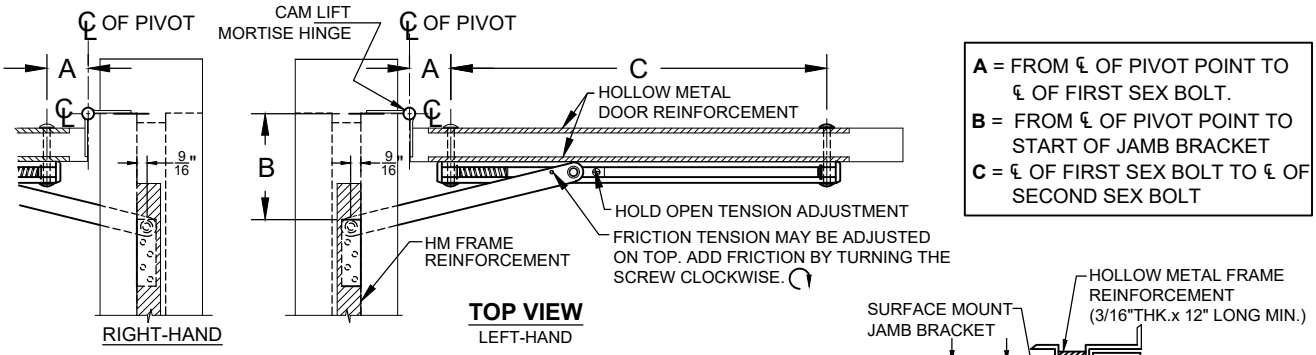
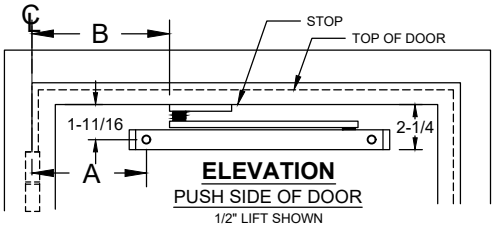
9000CL SERIES HOLDERS & STOPS, SURFACE MOUNT

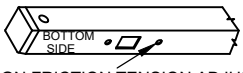
WITH CAM LIFT HINGES - MAX. 1/2" CAM LIFT
•9010CL HOLDER •9020CL STOP •9030CL FRICTION



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

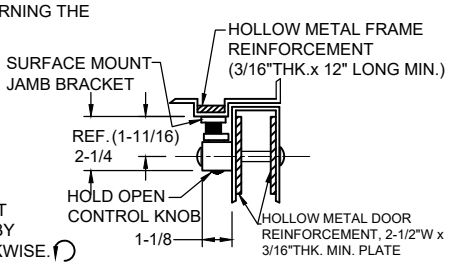


ELEVATION
PUSH SIDE OF DOOR
1/2" LIFT SHOWN

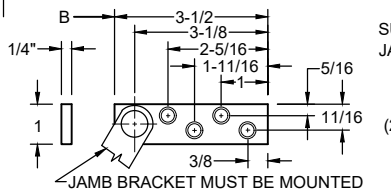


ALIGN FRICTION TENSION ADJUSTMENT SCREW TO THIS HOLE. ADD FRICTION BY TURNING THE SCREW COUNTERCLOCKWISE.

FRICTION ADJUSTMENT

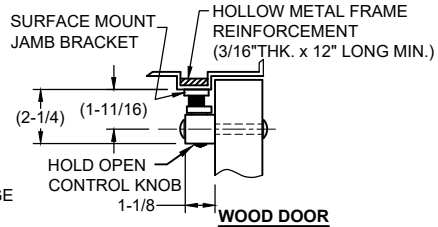


HOLLOW METAL DOOR
SHOWN PER 1/2" LIFT



JAMB BRACKET MUST BE MOUNTED WITH THIS END TOWARD HINGE EDGE OF DOOR

JAMB BRACKET



WOOD DOOR
SHOWN PER 1/2" LIFT

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.

* BUTT HINGES ONLY
** BUTT HINGES & OFFSET PIVOTS ONLY FOR DEAD STOP ADD 5/8" TO "A" DIMENSION

SCREW DETAIL			
	QTY	WOOD	METAL
JAMB	4	#14 x 1-1/2" FLAT HEAD WOOD SCREW	1/4-20 x 3/4" FLAT HEAD MACHINE SCREW
DOOR	2	5/16-18 x 2" TRUSS HEAD MACHINE SCREW	
	2	1/2" DIA. SEX BOLT	

	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 THICKNESS 1-3/4" TO 2-1/4" CAM LIFT HINGES 1/2" LIFT MAX	• 9018 CL • 9028 CL • 9038 CL	24 TO 27-15/16	3-3/8 **	5-1/2 **	3 **	5-7/16 **	2-3/4 **	4-13/16 **	2-1/2 **	4-5/16 **	2-1/4 *	4-5/16 *	—	—	17-1/2
	• 9011 CL • 9021 CL • 9031 CL	28 TO 29-15/16	3-1/16 **	7-9/16 **	2-9/16 **	7-1/16 **	2-1/4 **	6-3/4 **	1-15/16 **	6-7/16 **	1-5/8 **	6-1/8 **	1-3/8 **	5-7/8 **	20-1/2
	• 9012 CL • 9022 CL • 9032 CL	30 TO 31-15/16	5-3/16	8	4-11/16	7-1/2	4-5/16	7-1/8	4	6-13/16	3-11/16	6-1/2	3-7/16	6-1/4	20-15/16
	• 9013 CL • 9023 CL • 9033 CL	32 TO 35-15/16	5-15/16	8-5/8	5-3/8	8-1/16	5	7-11/16	4-5/8	7-5/16	4-5/16	7	4	6-11/16	21-5/8
	• 9014 CL • 9024 CL • 9034 CL	36 TO 39-15/16	8-7/8	9-11/16	8-1/4	9-1/16	7-13/16	8-5/8	7-3/8	8-3/16	7-1/16	7-7/8	6-11/16	7-1/2	22-13/16
	• 9015 CL • 9025 CL • 9035 CL	40 TO 41-15/16	11-3/4	10-3/4	11-1/16	10-1/16	10-5/8	10-5/8	10-1/16	9-1/16	9-11/16	8-11/16	9-5/16	8-5/16	24
	• 9016 CL • 9026 CL • 9036 CL	42 TO 43-15/16	13-3/16	11-1/4	12-1/2	10-9/16	12	10-1/16	11-1/2	9-9/16	11-1/16	9-1/8	10-5/8	8-11/16	24-9/16
	• 9017 CL • 9027 CL 9037 CL	44 TO 56	14-11/16	11-13/16	13-15/16	11-1/16	13-3/8	10-1/2	12-7/8	10	12-3/8	9-1/2	11-15/16	9-1/16	25-1/8

9000CL-01-01.DWG

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

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