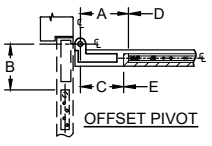
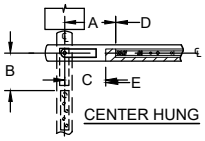
4000RA SERIES CONCEALED HOLDERS & STOPS

CONCEALED MOUNT, MEDIUM DUTY

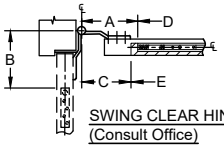
• 4010 HOLD-OPEN • 4020 STOP • 4030 FRICTION



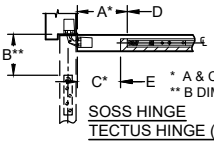
OFFSET PIVOT



CENTER HUNG

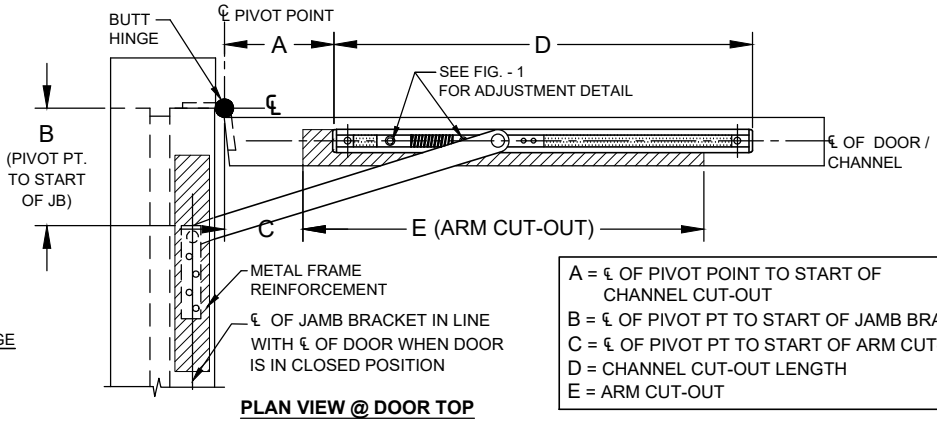


SWING CLEAR HINGE
(Consult Office)



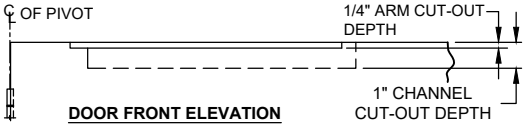
* A & C DIM. ARE FROM DOOR EDGE
** B DIM. IS FROM JAMB FACE

SOSS HINGE
TECTUS HINGE (Consult Office)

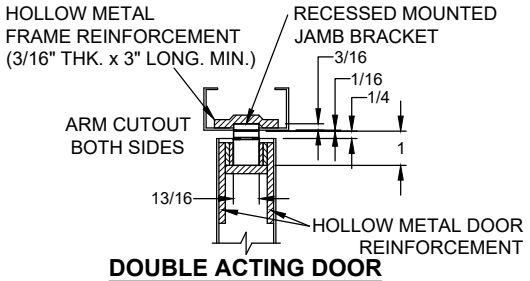


PLAN VIEW @ DOOR TOP
(LEFT-HAND SHOWN)

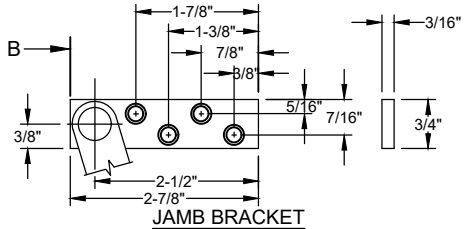
A = ℄ OF PIVOT POINT TO START OF CHANNEL CUT-OUT
B = ℄ OF PIVOT PT TO START OF JAMB BRACKET
C = ℄ OF PIVOT PT TO START OF ARM CUT-OUT
D = CHANNEL CUT-OUT LENGTH
E = ARM CUT-OUT



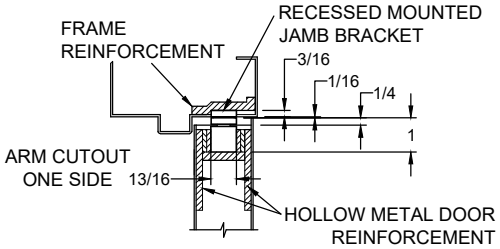
DOOR FRONT ELEVATION



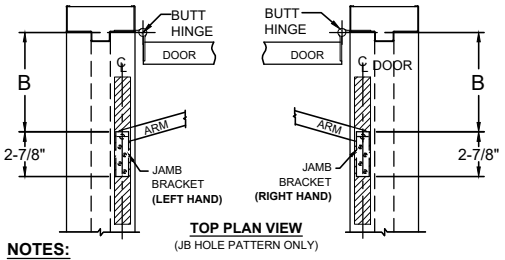
DOUBLE ACTING DOOR



JAMB BRACKET
(LOOKING FROM BOTTOM)



SINGLE ACTING DOOR



TOP PLAN VIEW
(JB HOLE PATTERN ONLY)

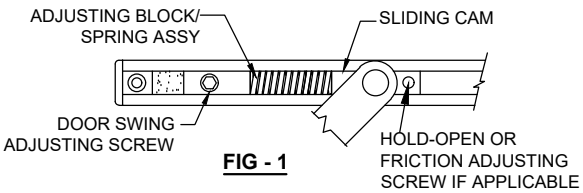


FIG - 1

TO CHANGE MAX. DEGREE OF DOOR SWING

- LOOSEN THE ADJUSTING SCREW. SEE FIG.-1.
- OPEN OR CLOSE DOOR TO THE REQ'D DEGREE.
- MOVE THE ADJUSTING BLOCK/SPRING ASSEMBLY UNTIL THE SPRING HITS THE SLIDING CAM.
- TIGHTEN THE ADJUSTING SCREW.

NOTES:

1. OH HOLDER UNIT IS REVERSIBLE/NON-HANDED, INSTALLATION IS HANDED.
2. FOR SINGLE or DOUBLE 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.

SCREW DETAIL			
	QTY	WOOD	METAL
JAMB	4	#10 x 1-1/2 FLAT HEAD WOOD SCREW	10-32 x 1/2 FLAT HEAD MACHINE SCREW, UNDER CUT
DOOR	2	#10 x 1-1/2 FLAT HEAD WOOD SCREW	10-32 x 1-1/2 FLAT HEAD MACHINE SCREW

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4000RA

4000RA ADJUSTABLE SERIES HOLDERS & STOPS

CONCEALED MOUNT, DOOR THICKNESS 1-3/4" TO 2-1/4"

● 4010RA HOLD-OPEN ● 4020RA STOP ● 4030RA FRICTION

1. ADD 5/8" TO "A" DIMENSION FOR DEAD STOP.
2. ALL DIMENSIONS ARE IN INCHES.

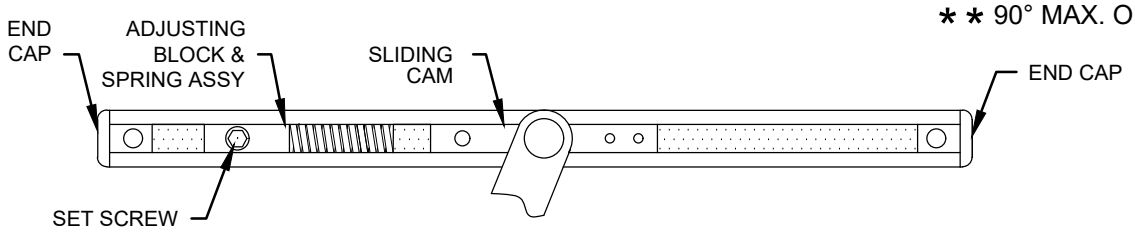
WHEN USING CENTER HUNG PIVOTS, CHECK PIVOT MANUFACTURER'S COMPATIBILITY PRIOR TO SPECIFYING

BUTT HINGE & 3/4" OFFSET PIVOT								
MODEL NUMBER			* BUTT HINGE MOUNTING ONLY					
HOLD OPEN	STOP	FRICTION	FRAME OPENING	A	B	C	E	D
* 4011RA	* 4021RA	* 4031RA	* 18 TO 24	* 1-3/16	* 4-1/2	* 0	* 15-1/2	* 15-7/8
4012RA	4022RA	4032RA	24-1/16 TO 30	4-1/2	5-3/16	2-1/2	17	17-1/16
4013RA	4023RA	4033RA	30-1/16 TO 36	6-1/8	6-3/8	4-1/2	18-1/2	18-13/16
4014RA	4024RA	4034RA	36-1/16 TO 42	9-7/8	7	6-3/8	23	21-1/4
4015RA	4025RA	4035RA	42-1/16 TO 48	13	9-5/16	7-5/8	26	23-1/16

CENTER HUNG								
MODEL NUMBER								
HOLD OPEN	STOP	FRICTION	FRAME OPENING	A	B	C	E	D
-	-	-	-	-	-	-	-	-
** 4012RA	** 4022RA	** 4032RA	** 27 TO 32	** 5-1/2	** 5-3/4	** 5-1/2	** 16	** 17-1/16
4013RA	4023RA	4033RA	32-1/16 TO 38-1/2	6-15/16	6-3/16	5-3/4	18-7/8	18-13/16
4014RA	4024RA	4034RA	38-9/16 TO 45	9-3/4	8-1/4	7-1/2	23	21-1/4
4015RA	4025RA	4035RA	45-1/16 TO 48	13-1/2	9-5/8	9	26	23-1/16

* BUTT HINGE MOUNTING ONLY

** 90° MAX. OPENING



TO SELECT MAX. DEGREE (up to 110°) OF DOOR OPENING

a. LOOSEN SET SCREW IN ADJUSTING BLOCK WITH 3/16 HEX KEY
b. OPEN DOOR TO DEGREE REQUIRED
c. SLIDE ADJUSTING BLOCK/SPRING ASSEMBLY UNTIL THE SPRING TOUCHES SLIDING CAM.
d. TIGHTEN SET SCREW
e. **110° MAX.** DOOR SWING

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