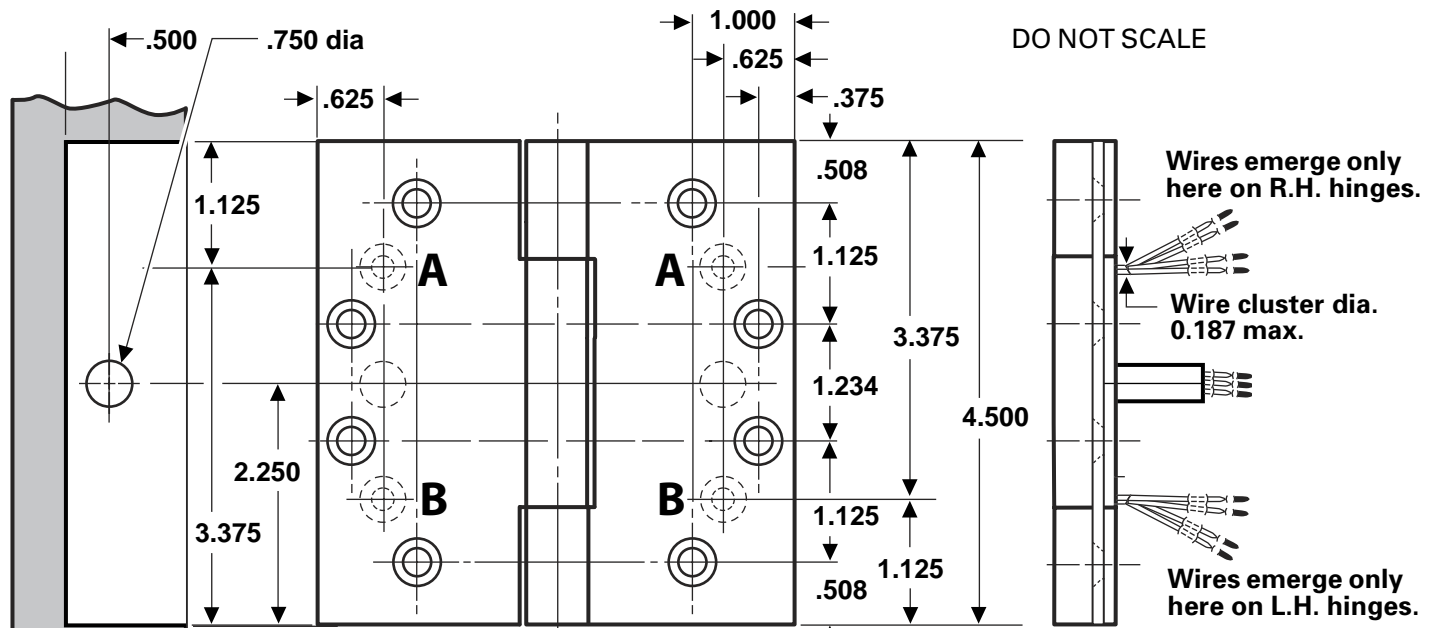


# FULL MORTISE TEMPLATE BUTT HINGES WITH CONCEALED WIRES AND CONCEALED SWITCH

Sizes: 4½ × 4 and 4½ × 4½"

A and B holes require a 3/4 hole for through wires.



Door preparation for magnet only.

1/32 (1/16) clearance between parallel leaves when hinge is closed).

Drill a 0.750 inch diameter hole in the hinge reinforcement to allow the wires and connectors (wire nuts) to pass through freely. A larger hole may be required, depending on connector size.

This view shows CS construction only.

De-burr both faces of the hole and prime to help avoid damaging wire insulation.

Switches mount in jamb leaf. Arrangement for R.H. door shown. Specify hand when ordering.

**NOTES:**

- 1 Available with four (4) wires (suffix-54), six (6) wires (suffix-56), or eight (8) wires (suffix-58).
- 2 0.750 diameter recommended hole size for switch housing clearance.
- 3 It is suggested that the hinge be mounted in the center or lower position on the door, rather than the top.
- 4 For reference, see template for JB-2B Junction Box (T90-38R).

CLASS NUMBER		Gauge of Metal	(E) Outside Diameter	DISTANCE FROM EDGE OF LEAF TO SWAGE LINE (F)		C	D
Steel Hinges	Nonferrous Hinges			4½ × 4	4½ × 4½		
CECSCB1900	CECSCB1960	0.134	0.540	1 5/8	1 13/16	1.234	0.875
CECSCB1900R	CECSCB1960R	0.134	0.625	1 5/8	1 25/32	1.234	0.875
CECSCB1901	CECSCB1961	0.180	0.690	—	1 13/16	1.187	0.828
CECSCB1901R	CECSCB1961R	0.180	0.698	—	1 23/32	1.187	0.828

Machine Screw Size — ½ × 12-24 F.H.  
 Wood Screw Size — 1 ¼ × No. 12 F.H.