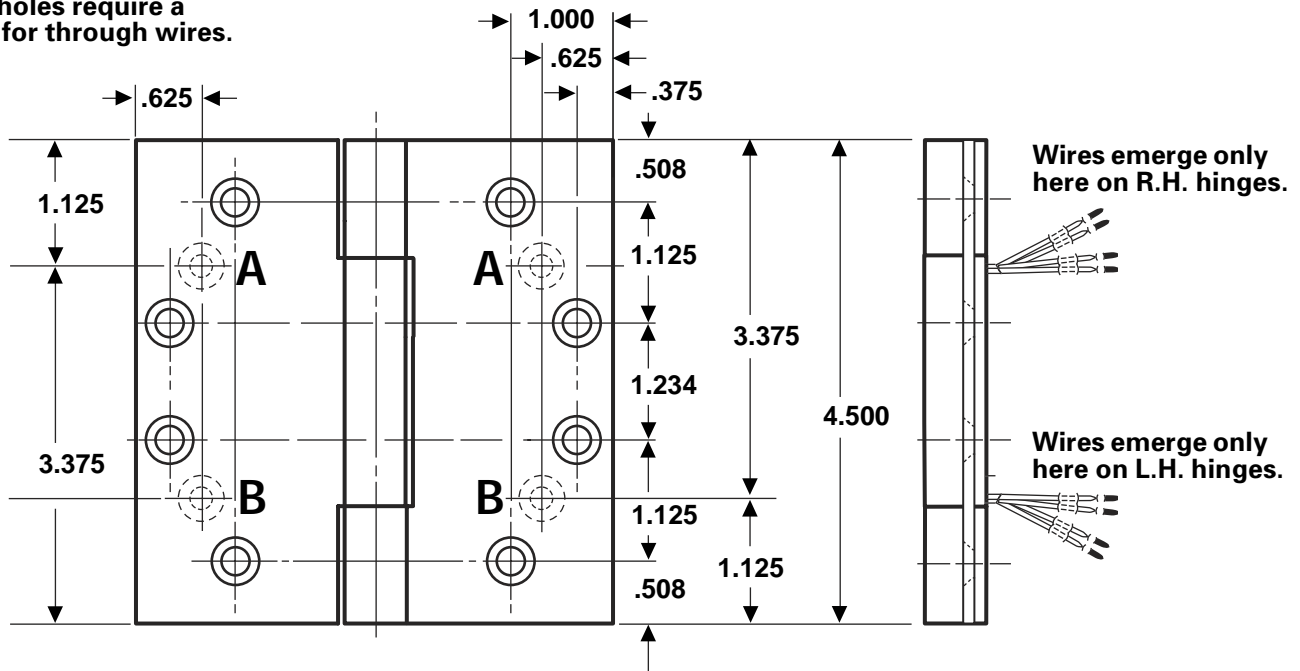


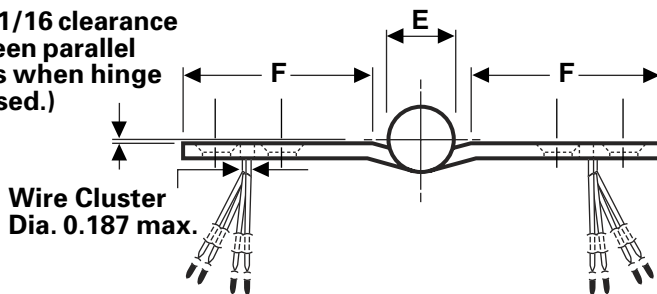
**FULL MORTISE TEMPLATE BUTT HINGES WITH CONCEALED WIRES**

Sizes: 4½ × 4 and 4½ × 4½"

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



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



DO NOT SCALE

Drill a hole in the hinge reinforcement large enough to allow the wires *and* connectors (wire nuts) to pass through freely.

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

Use a JB-2R Junction Box. See template T90-38R.

**NOTES:**

- 1 Available with four (4) wires (use suffix-54), six (6) wires (use suffix-56), and eight (8) wires (use suffix-58).
- 2 Available with both concealed wires and a concealed switch. See template T45-20.

CLASS NUMBER		Gauge of Metal	(E) Outside Diameter	DISTANCE FROM EDGE OF LEAF TO SWAGE LINE (F)	
Steel Hinges	Nonferrous Hinges			4½ × 4	4½ × 4½
CECB1900	CECB1960	0.134	0.540	1 5/8	1 13/16
CECB1900R	CECB1960R	0.134	0.625	1 5/8	1 25/32
CECB1901	CECB1961	0.180	0.690	—	1 13/16
CECB1901R	CECB1961R	0.180	0.698	—	1 23/32
CEIHTCB1901	CEIHTCB1961	0.180	0.690	—	1 23/32
CEIHTCB1901R	CEIHTCB1961R	0.180	0.698	—	1 23/32

Machine Screw Size — ½ × 12-24 F.H.  
Wood Screw Size — 1¼ × No. 12 F.H.

NOTE: Prefix IHT indicates Institutional Hinge.