

Door Thickness Required: 2" Minimum

Recommended Spacing of SOSS® Hinge

Notice in the illustration showing three hinges, that the "center" hinge is not shown in the usual location near the center of the door. The "center" hinge should be located one-half the distance from the horizontal center line of the door to the center line of the top hinge.

On installations requiring four SOSS Invisible Hinges, the second hinge from the top should be located one half the distance from the door's horizontal center line to the center line of the top hinge. The third hinge from the top should be located one-quarter of the "A" dimension below the horizontal centerline of the door.

NOTE:

For spacing information beyond what is shown, look up our website at www.soss.com.

Installation Tips

- Hinge face must be flush with the edge of the door and frame on all hinges installed.
- Hinge backset must be the same for each hinge installed in the door and the frame and must not exceed the maximum set back dimension ("E" Dimension)*.
- Hinges must be parallel to the edge of the door and frame for all hinges installed.
- Hinges are not to be centered in the door and/or frame.
- Hinges are not to be evenly spaced vertically within the door and frame.
- Hinges should fit snug within the mortise, but should not need hammered into mortise.
- Wooden router templates are available for purchase for most models.

* Modifications can be made to installation to accommodate a greater set back or added material, however the degree of opening may be restricted.

SOSS®
Door Hardware
www.soss.com



8395

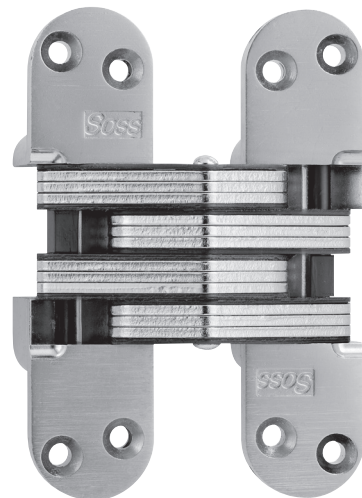
Customer Service

1-877-671-7011 www.allegion.com/us



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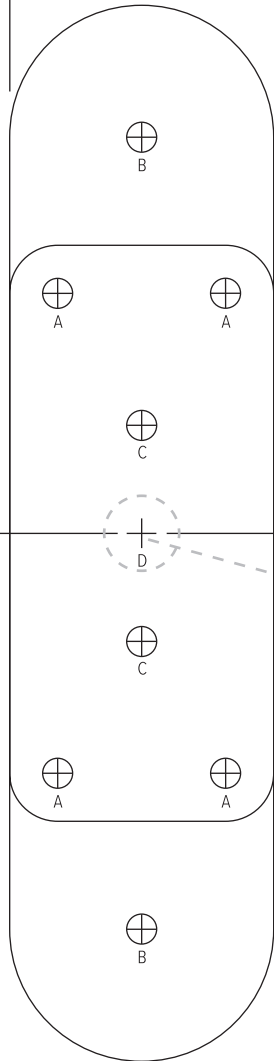
*Instructions for mounting
SOSS® Invisible Hinge®
**#220, #220H, #220PT, #220AS,
#220SS, #220ASPT and #220SSPT**
Intended for 2" thick doors*



*Congratulations!
You have just purchased the
SOSS® Invisible Hinge.
Smooth, secure and beautiful.*

E Dimension

Door Edge



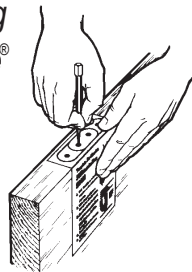
Wiring access
hole for Model
#220PT,
#220ASPT and
#220SSPT only
(25/64" min.)

Actual Size
1"

Do Not Scale

Template for mounting SOSS® Invisible Hinge®

**#220, #220H,
#220PT, #220AS,
#220SS, #220ASPT
and #220SSPT**



1. Fold template on solid line and place on side of door in direction of swing.
2. With sharp point, pierce through cross hairs labeled A, B and C for centers. If using template to install model #220PT, #220ASPT and #220SSPT also pierce through cross hair labeled D.
3. If using template to install model #220PT, #220ASPT and #220SSPT use 1/2" forstner boring bit to bore the required wiring access hole to the depth needed. Note: this must be done before drilling any other marked centers.
4. Use 1/2" Forstner boring bit. Bore centers labeled A to 2-1/16" deep.
5. Use 1-3/8" Forstner boring bit. Bore centers labeled B to 15/32" deep and centers labeled C to 2-1/16" deep.
6. Connect holes with chisel or router to form mortise
7. **Caution** – Do not hammer or force hinge.
8. Drill pilot holes for screws. Use No. 38 (.1015") drill bit for soft wood or No. 25 (.1495") for hardwood. Use a #3 Phillips screwdriver for the enclosed wood screws.
9. Lubrication may be used.

