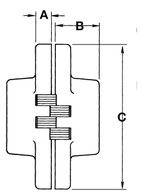
Router Guides available for the following hinges. Use these guides for fast, easy installation with professional results.

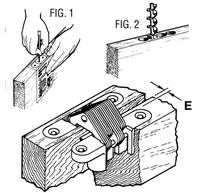
Hinge #	Guide #	Cost Each
101	101-IT	$30.00
103	103-IT	$30.00
203	203-IT	$30.00
204	204-IT	$30.00

Prices include shipping & handling.

Check guide # desired:

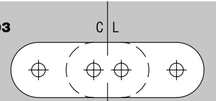
☐ 101-IT ☐ 103-IT ☐ 203-IT ☐ 204-IT





Model	Dimensions A	B	C	E	Drill Size	Min-Max Wood Thickness
100	1/4"	1/2"	1"	3/32"	3/8"	1/2" - 47/64"
101	7/32"	1/2"	1 11/16"	3/32"	3/8"	1/2" -47/64"
103	7/32"	5/8"	1 1/2"	1/8"	1/2"	3/4" - 63/64"
203	3/16"	3/4"	1 3/4"	1/8"	1/2"	3/4" - 63/64"
204	1/4"	3/4"	2 3/8"	1/8"	1/2"	3/4" - 63/64"
303	.054"	5/8"	1 1/2"	1/8"	1/2"	11/16" - 63/64"

SOSS 203

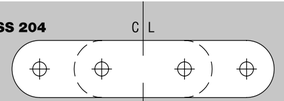


(FOLD ON LINE) DOOR EDGE

1 Lay paper template on edge of door as shown in Figure 1, with template corresponding to mark you made in measuring proper distance from top of door.
2 Fold template on dashed line over edge of pull-to-open side of door. Punch hole through drill point cross hairs to mark their location on door.
3 Using router or drill of proper size, bore holes to required depth as shown in Figure 2. Consult table for this dimension.
4 Using router or chisel, remove wood to connect holes for smooth mortise.
5 Insert one-half of the hinge into door mortise.
6 Drill pilot holes for screws. Use No. 52 (.0635") drill bit for soft wood or No. 44 (.0860") for hard wood. Use #2 phillips screwdriver for enclosed #6 x 1" wood screws.
7 Repeat above steps to install hinge in jamb.
8 Lubrication may be used if necessary.

NOTE: Do not hammer or force hinge.

SOSS 204

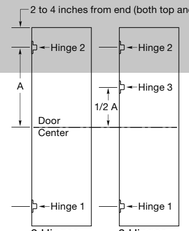


(FOLD ON LINE) DOOR EDGE

1 Lay paper template on edge of door as shown in Figure 1, with template corresponding to mark you made in measuring proper distance from top of door.
2 Fold template on dashed line over edge of pull-to-open side of door. Punch hole through drill point cross hairs to mark their location on door.
3 Using router or drill of proper size, bore holes to required depth as shown in Figure 2. Consult table for this dimension.
4 Using router or chisel, remove wood to connect holes for smooth mortise.
5 Insert one-half of the hinge into door mortise.
6 Drill pilot holes for screws. Use No. 51 (.0670") drill bit for soft wood or No. 39 (.0995") for hard wood. Use #2 phillips screwdriver for enclosed #7 x 11/4" wood screws.
7 Repeat above steps to install hinge in jamb.
8 Lubrication may be used if necessary.

NOTE: Do not hammer or force hinge.

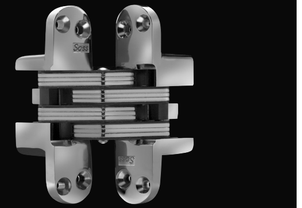
Recommended Hinge Placement



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.

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

Installation Instructions



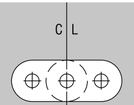
Thank You...

For purchasing these SOSS Invisible Hinges® We believe you'll find that SOSS® Invisibles are the ideal hinge to use when you want a clean, contemporary, no hardware look. One additional benefit you'll find is that they are tamperproof.

We have 29 models in Satin Brass and Satin Chrome and most models in Satin Nickel, Bright Brass, Bright Chrome, Bright Nickel, Black, Oil Rubbed Bronze, Antique Brass, Satin Stainless Steel, Bright Stainless Steel and Unplated if you have future projects in mind. Check at your local hardware for the larger models; but if they don't carry them, please call us for the name of your nearest retailer.

Thank you again for your purchase of the SOSS Invisibles.

SOSS 100



(FOLD ON LINE) DOOR EDGE

1 Lay paper template on edge of door as shown in Figure 1, with template corresponding to mark you made in measuring proper distance from top of door.

2 Fold template on dashed line over edge of pull-to-open side of door. Punch hole through drill point cross hairs to mark their location on door.

3 Using router or drill of proper size, bore holes to required depth as shown in Figure 2. Consult table for this dimension.

4 Using router or chisel, remove wood to connect holes for smooth mortise.

5 Insert one-half of the hinge into door mortise.

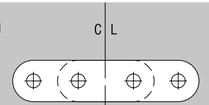
6 Drill pilot holes for screws. Use No. 53 (.0595") drill bit for soft wood or No. 47 (.0785") for hard wood. Use #2 phillips screwdriver for enclosed #5 x 3/4" wood screws.

7 Repeat above steps to install hinge in jamb.

8 Lubrication may be used if necessary.

NOTE: Do not hammer or force hinge.

SOSS 101



(FOLD ON LINE) DOOR EDGE

1 Lay paper template on edge of door as shown in Figure 1, with template corresponding to mark you made in measuring proper distance from top of door.

2 Fold template on dashed line over edge of pull-to-open side of door. Punch hole through drill point cross hairs to mark their location on door.

3 Using router or drill of proper size, bore holes to required depth as shown in Figure 2. Consult table for this dimension.

4 Using router or chisel, remove wood to connect holes for smooth mortise.

5 Insert one-half of the hinge into door mortise.

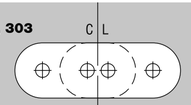
6 Drill pilot holes for screws. Use No. 53 (.0595") drill bit for soft wood or No. 47 (.0785") for hard wood. Use #2 phillips screwdriver for enclosed #5 x 3/4" wood screws.

7 Repeat above steps to install hinge in jamb.

8 Lubrication may be used if necessary.

NOTE: Do not hammer or force hinge.

SOSS 103, 303



(FOLD ON LINE) DOOR EDGE

1 Lay paper template on edge of door as shown in Figure 1, with template corresponding to mark you made in measuring proper distance from top of door.

2 Fold template on dashed line over edge of pull-to-open side of door. Punch hole through drill point cross hairs to mark their location on door.

3 Using proper router or drill, bore holes to required depth. See table for dimension.

4 Using router or chisel, remove wood to connect holes for smooth mortise.

5 Insert one-half of the hinge into door mortise.

6 Drill pilot holes for screws. For #103, use No. 52 (.0635") drill bit for soft wood or No. 44 (.0860") for hard wood. Use #2 phillips screwdriver for enclosed #6 x 1" wood screws. For #303, use No. 53 (.0595") drill bit for soft wood or No. 47 (.0785") for hard wood. Use #2 phillips screwdriver for enclosed #5 x 3/4" wood screws.

7 Repeat above steps to install hinge in jamb.

8 Lubrication may be used if necessary. **NOTE: Do not hammer or force hinge.**

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 face 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.

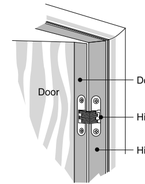
* Modifications can be made to installation to accommodate a greater set back or added material, however the degree of opening may be restricted.

SOSS®
Invisible Hinges

Universal Industrial Products, Inc.
One Coreway Drive
Pioneer, OH, USA 43554-0628
Phone: (419) 737-2324 (800) 922-6957
FAX: (419) 737-2130
Email: hinges@soss.com
Internet: www.soss.com

© Copyright 2018, Universal Industrial Products, Inc.

#9543A



Router Guide Order Form

See other side of form for which guide to order.
SAVE TIME, GET EXACT FIT
If you cannot obtain the wooden router guide from your dealer, use the order form below.

Name _____

Street _____

City _____

State _____ Zip _____

Mail check & order form to:
Universal Industrial Products, Inc.
P.O. Box 628
Pioneer, Ohio 43554-0628