



Concealed Brass Barrel Hinge - 420 Series

Minimum Door Thickness

1/2 in	5/8 in	3/4 in	7/8 in	1 1/8 in
1 1/4 in				

Diameter (mm)

13/32 in*	15/32 in*	9/16 in*	5/8 in*	23/32 in*
15/16 in*				

Drilling Depth (mm)

7/16 in*	17/32 in*	5/8 in*	21/32 in*	11/16 in*
31/32 in*				

Center to Center (mm)

21/32 in*	25/32 in*	29/32 in*	31/32 in*	1 1/16 in*
1 7/16 in*				

Width

13/32 in*	15/32 in*	9/16 in*	5/8 in*	23/32 in*
15/16 in*				

Leaf Gap

7/16 in*	17/32 in*	5/8 in*	21/32 in*	23/32 in*
31/32 in*				

Length

13/32 in*	15/32 in*	9/16 in*	5/8 in*	23/32 in*
15/16 in*				

Door/Jamb Gap

3/32 in*	3/32 in*	1/8 in*	5/32 in*
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Door/Jamb Inset

1/16 in*	3/32 in*	3/32 in*	1/8 in*	1/8 in*
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Height

5/8 in*	3/4 in*	29/32 in*	15/16 in*	1 1/16 in*
1 3/8 in*				

Drill Bit

13/32 in*	15/32 in*	9/16 in*	5/8 in*	23/32 in*
15/16 in*				

DESCRIPTION

Invisible when closed

Richelieu's concealed hinges offer superior appearance and durability with contemporary and functional style. They easily install on light wooden doors to meet many application needs. Not recommended for vertical application.

ADVANTAGES AND BENEFITS

Easily installation: secure mounting in the wood door or panel is ensured by tightening the tension screw. To accommodate more demanding lightweight applications, the cylinders can be additionally secured by installing a chipboard or wood screw in the groove on the exposed end.

AVAILABLE PRODUCTS

Product #	Minimum Door Thickness	Diameter (mm)	Drilling Depth (mm)	Center to Center (mm)	Width	Leaf Gap	Length	Door/Jamb Gap	Door/Jamb Inset	Height	Drill Bit
420104130	1/2 in	13/32 in*	7/16 in*	21/32 in*	13/32 in*	7/16 in*	13/32 in*	3/32 in*	1/16 in*	5/8 in*	13/32 in*
420124130	5/8 in	15/32 in*	17/32 in*	25/32 in*	15/32 in*	17/32 in*	15/32 in*	3/32 in*	3/32 in*	3/4 in*	15/32 in*
420144130	3/4 in	9/16 in*	5/8 in*	29/32 in*	9/16 in*	5/8 in*	9/16 in*	1/8 in*	1/8 in*	29/32 in*	9/16 in*
420164130	7/8 in	5/8 in*	21/32 in*	31/32 in*	5/8 in*	21/32 in*	5/8 in*	1/8 in*	3/32 in*	15/16 in*	5/8 in*
420184130	1 1/8 in	23/32 in*	11/16 in*	1 1/16 in*	23/32 in*	23/32 in*	23/32 in*	1/8 in*	1/8 in*	1 1/16 in*	23/32 in*
420244130	1 1/4 in	15/16 in*	31/32 in*	1 7/16 in*	15/16 in*	31/32 in*	15/16 in*	5/32 in*	1/8 in*	1 3/8 in*	15/16 in*

TECHNICAL SPECIFICATIONS

Finish	Brass
Material	Solid Brass
Type of Hinge	Wood Door Only
Brand	Soss
Screw/Nail	Included
Fixing Type	Knock-In
Use Type	Standard Door
Handedness	Reversible

Disclaimer

Measures shown with an asterisk (*) have been converted as per your preference. These are not the official measures. To view the measures specified by the manufacturer, [click here](#).

IMPORTANT INFORMATION

Not recommended for vertical or load-bearing applications. No load recommendations available. Light applications only. Toothed barrel bodies provide an additional mechanical lock and allow for optional gluing.

APPLICATION

For use with light wooden doors. Ideal for cabinets and many other applications. No template required for installation.

PRODUCT PHOTOS

