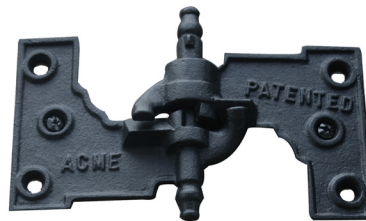


# ACME, LULL & PORTER SHUTTER HINGES 88-372 to 378

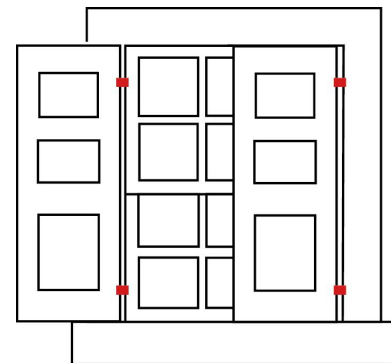


John Wright Company  
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Wrightsville, PA 17368  
800-444-9364  
www.jwright.com



*ALP hinges are edge-mounted and mortised and traditionally used for shutters. They allow easy removal of the shutters.*

John Wright combines modern high-quality finishes with the strength and traditional look and feel of cast iron. Acme, Lull & Porter (ALP) Shutter Hinges are mortised into the edge of the shutter and window casing. They use a once-patented design that helps to lock the hinge in the open position. The shutter is lifted up slightly to disengage the hinge and allow closure. The shutter can also be removed completely without tools. ALP hinges work in left- and right-handed pairs and are so marked. Each hinge has two halves: one with a pintle and another with a gudgeon. The pintle half is mounted to the window with the pintle pointing up. Offset is measured from the casing or shutter edge to the center of the pin.



- Sold in sets of 2 left- and 2 right-hand hinge. A typical pair of shutters will require 1 set. Screws for mounting are not included.
- Available in 7 sizes
- Material: cast iron
- Finish: WeatherWright™ coating process. This multi-step coating provides long life in outdoor environments while offering excellent value. It including both zinc electroplating and black-matte TGIC powder coating. Zinc plating provides far more protection than powder coating alone. The zinc layer is not only abrasion resistant but offers cathodic protection to small areas of powder coating that may be accidentally damaged during installation. Tested to withstand a minimum of 144 hours of salt spray with no visible red-rust corrosion. All fasteners and hardware meet this same standard.
- Warranty: 1-year replacement
- Optional and related items:
  - 88-303 Shutter Fasteners hold shutters closed and are often used with ALP hinges.

## **Installation**

1. The selection of the proper size of ALP hinge will depend on amount of throw that you need, the amount of wood trim that is available for mounting, and the size of the shutters. If needed, please see our catalog for a detailed discussion of throw concepts and a photo of a mounted ALP hinge. The amount of wood trim (depth out from window opening) must be greater than or equal to dimension “a” as shown below.
2. ALP hinges are left- and right-handed and both halves are marked with an “L” or “R.” The marks refer to a frame of reference from inside the window and will be reversed if looking at the window from the outside.
3. The pintle half of the hinge mounts to the window trim with the pintle (pin) pointing up. The hinge extends out from the window trim in a direction perpendicular to the windowpane. The section of the hinge defined by dimensions “a” and “b” as shown below is mortised into the window trim.
4. Two hinges are typically used per shutter. For very large or heavy shutters, more than 2 hinges may be required. Hinges are usually mounted about 6 inches from the top and bottom of the shutter.
5. Position the pintle half of the hinge at the desired location and trace out for the mortise. Mortise the area with a router or chisel so that the hinge will sit flat and is flush with the wood.
6. Mark and drill pilot holes for the screws. Screws are not provided. Use screws of appropriate strength and length that are corrosion resistant. Install the screws.
7. Slide the other half of the hinge down onto the pintle. Hold the shutter up in the open position so that the hinge is against its edge. A helper is useful. Trace out for the mortise, put the shutter down, mortise the area, and then install the screws in the same way as before.
8. Repeat this procedure for the other hinge(s) on the shutter. Make sure the spacing of the hinges from the top and bottom of the shutter is consistent throughout your project.
9. Install the shutters by lifting them onto the hinges and check the operation.

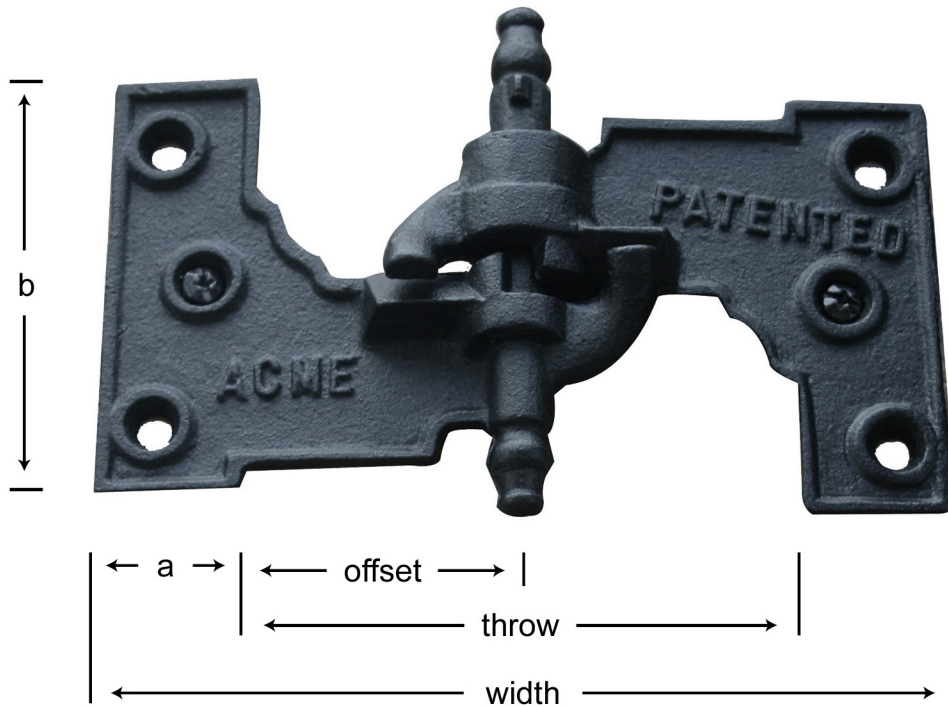


## Contents and Dimensions

(1) right-hand hinge

(1) left-hand hinge

All dimensions are shown below in inches and are only approximate:



#	Throw	Offset	Width	a	b
88-372	1 3/8	11/16	3 1/8	7/8	2 1/2
88-373	2	1	3 3/4	7/8	2 1/2
88-374	2 3/4	1 3/8	4 1/2	15/16	2 7/8
88-375	3 1/8	1 9/16	5	15/16	3
88-376	3 5/8	1 13/16	5 1/2	1	3 1/8
88-377	4 1/4	2 1/8	6 1/2	1 1/8	3 1/2
88-378	5 1/2	2 3/4	9	1 1/2	4