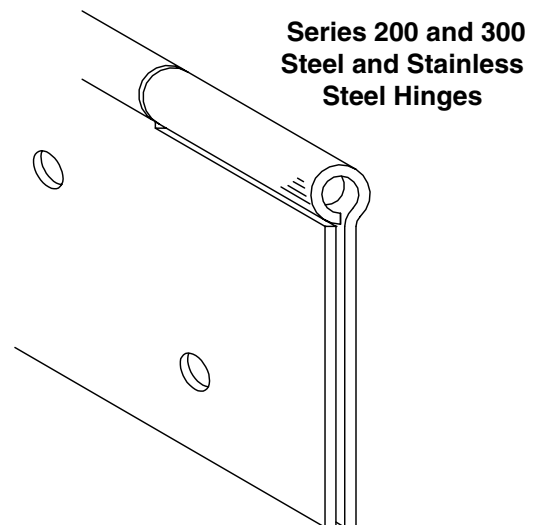
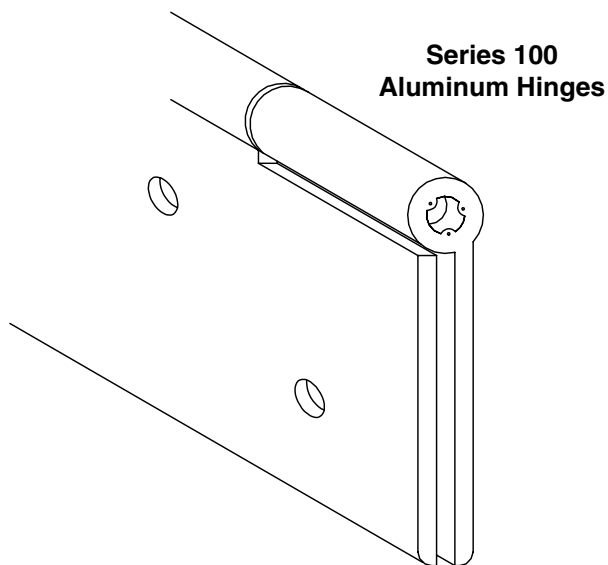


Cutting Hinges to Custom Lengths

Pin and Barrel Series 100, 200 and 300 Hinges

www.markar.com

1. Determine how much the hinge needs to be shortened.
2. Note the hand of the hinge before beginning to lay out the cut. All cuts will be done at the bottom of the hinge assembly, making sure to leave the gang hole pattern at the top.
3. Measure from the top down and scribe a cut line on the leaf at the desired length.
4. Cut the hinge length with a hacksaw, going through the leaves, barrel and pin. If necessary, use a file to remove sharp edges and deburr.
5. Slide the stainless steel pin out about 1", making sure the assembly stays together as one unit. Remove 1/4" from the end of the pin using a hacksaw and then push it back into its original position.
6. **For 100 Series Aluminum Hinges:** Using a hammer and a center-punch, swage the aluminum material toward the center of the hole, locking the hinge pin into place – making sure it will not slide out.
For 200 and 300 Series Steel and Stainless Steel Hinges: Using vice-grips, crimp the end of the steel barrel, making sure the hinge pin will not slide out.



ASSA ABLOY