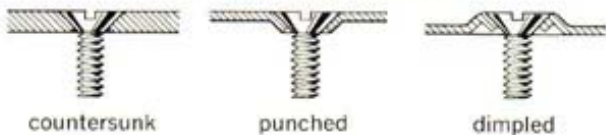


## UNEQUAL-LEAF HINGES

The width of a hinge leaf is measured from the center-line of the pin to the edge. Unequal-leaf hinges may be made by assembling one leaf of one standard hinge and one leaf of a different width standard hinge as long as the material thickness, pin diameter and the joint length are the same for both. Also, unequal-leaf hinges of other than standard hinge halves can be made to order.

## COUNTERSUNK HOLES

Specify type of countersinking, type and size of screw or rivet or dimensions of hole.



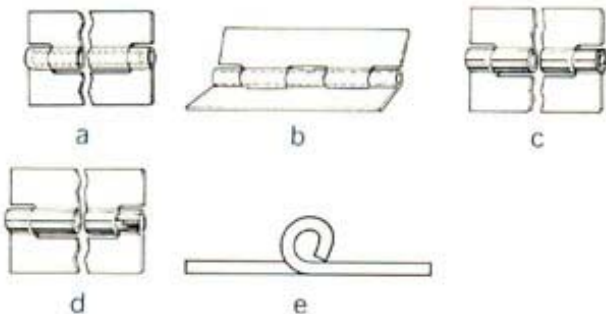
countersunk

punched

dimpled

## RETAINED PIN

In some applications for continuous hinge it is desirable to retain the pin; this can be accomplished in several ways: (a) cutting the pin short of the hinge length and closing the end nodes; (b) staking; (c) swaging one end of the pin for a press-fit; (d) brazing; (e) partially closing one end node and driving pin in from other end.



a

b

c

d

e

## SPRING-LOADED HINGES

Any of the continuous hinges listed in the catalog may be spring-loaded by removing one or more nodes and inserting springs. Spring-loaded hinge, however, is not kept in stock because of the variety of spring actions possible. When spring-loaded hinges are required, information must be supplied concerning action of spring, location, force, material, etc.



Spring-loaded to open



Spring-loaded to close

## ASSEMBLY AND SWAGING VARIATIONS



STANDARD ASSEMBLY



ONE LEAF STANDARD &  
ONE LEAF 1/2 SWAGED



BOTH LEAFS 1/4 SWAGED



ONE LEAF FULL SWAGED



REVERSE ASSEMBLY



BOTH LEAFS 1/2 SWAGED



THREE LEAF ASSEMBLY

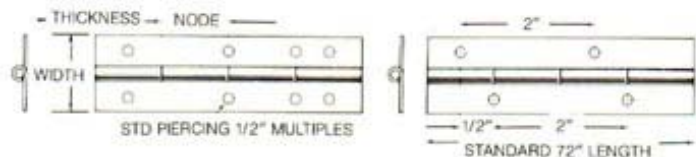


REVERSE SWAGE

ALL HINGE IS STOCKED STANDARD ASSEMBLY ONLY.  
ALL SWAGING IS DONE TO ORDER.  
THE WIDTH OF THE HINGE IS INCREASED SLIGHTLY WHEN SWAGED.

## PIERCING DATA

Standard method for piercing is center-to-center with inter-spacing in multiples of one-half inch, either opposed or staggered. Where specifications fall within these standards, no extra charges for tooling costs are involved. However, deviation from the standard piercing methods requiring special hole patterns necessitates slight additional tooling costs which will be quoted on request. Where special hole patterns are called for, please specify hole size and pattern, and provide complete detailed drawing or sketch with specifications similar to the illustrations below.



Round



Horizontal oval



Vertical oval



Slot

# Typical Forming Variations

available in all metals



A



B



C



D



E



F



G



H

These are a few typical forming variations; however, they are not "standards," nor are they stocked. All forming is done to order. Dimensions are not given since they will vary according to size of hinges and application. See "Custom Capabilities" on pages 4, 5, 6, 7 and 8.