

# Box Bits #2

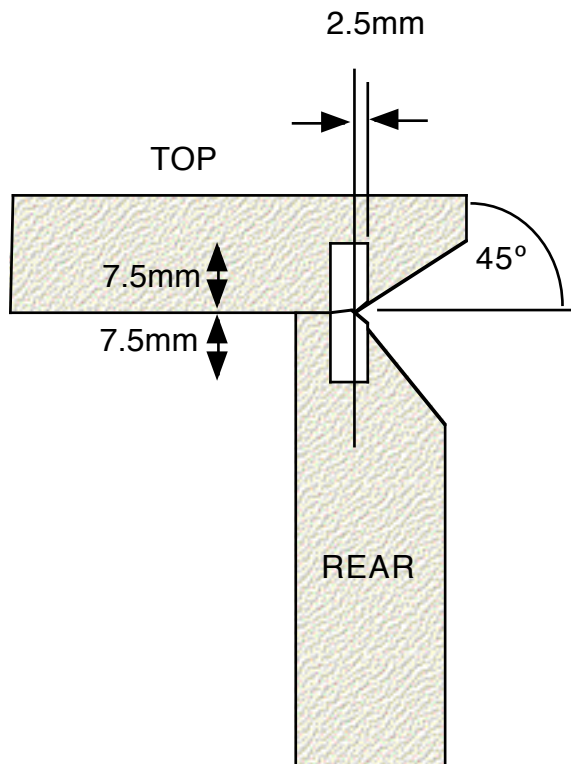
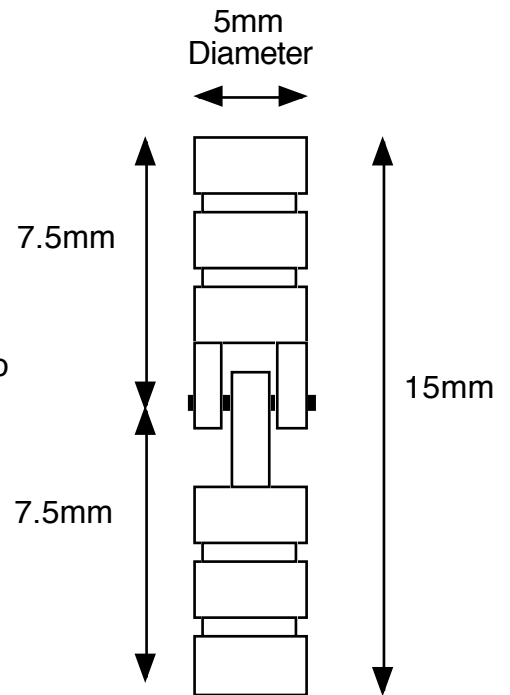
## Concealed Barrel Hinges 5mm



These solid brass hinges are ideal for pen boxes or small jewelry boxes requiring a low profile hinge. They are designed with glue retention lines for securing into the box and lid with epoxy resin glue. They work best on stock between 9mm - 12mm, and require both stock pieces to be chamfered at 45° for effective hinge action to occur.

### Installation Instructions

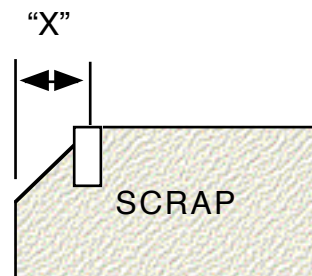
These hinges require a 5mm hole, 7.5mm deep, to be drilled into each of the hinged pieces of stock. The 45° bevel should reach halfway across the 5mm mounting hole.



### Practical Aspects

In practice it is difficult to drill a neat 5mm hole exactly on the apex of the 45° bevel, so it is usually better to drill the hole first and chamfer the stock next.

To determine where to drill in relation to the edges of the hinged pieces, a scrap piece of stock is chamfered and measured to determine the hole position as shown below.



As a final note, when applying the epoxy ensure that the hinges are correctly positioned so that the pieces can hinge correctly, and that no epoxy is applied to the hinge pin area.