



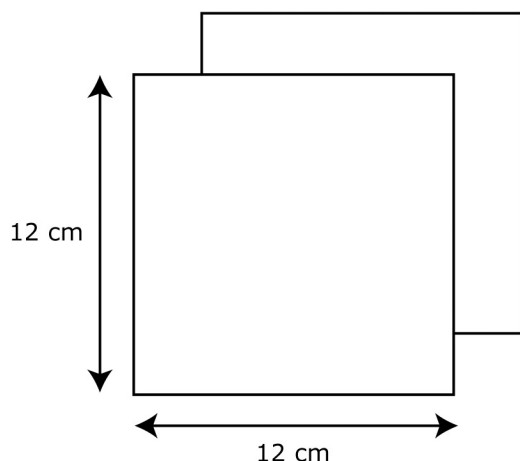
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Bookbinding Tutorials

University of Portsmouth

Concertina Hinge Book page 1

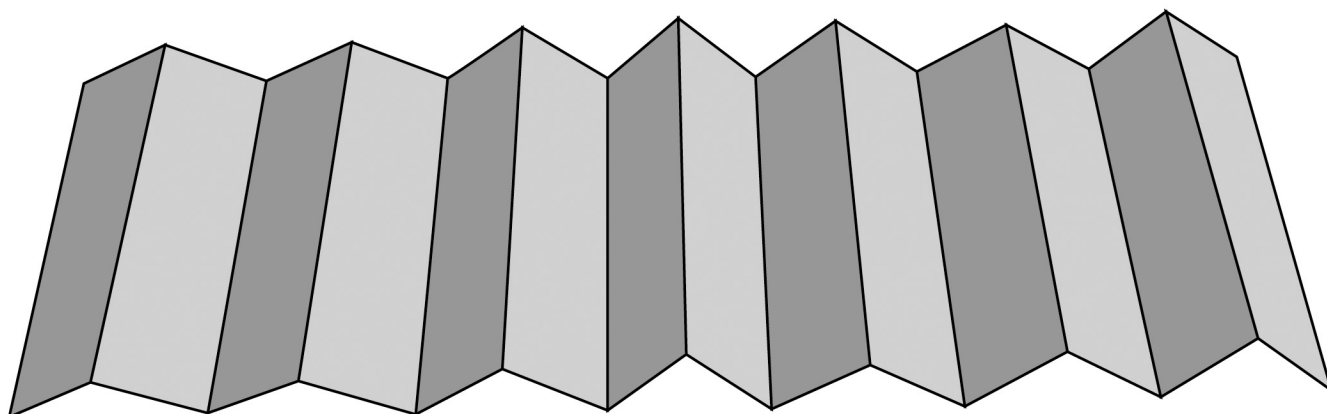
Concertina hinges are able to expand, which means they are suitable for very thick pages or pages with items glued in.



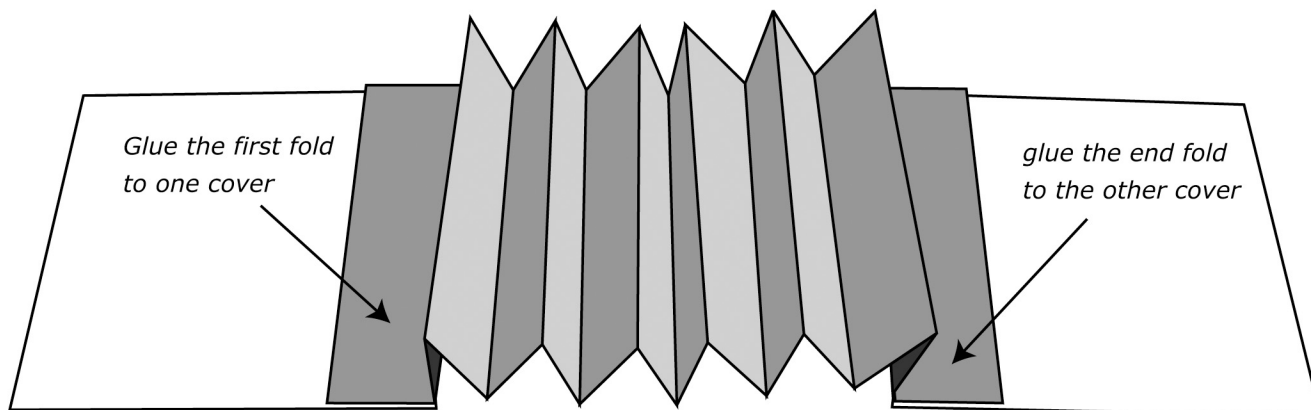
1. Making the covers

Cut two 12cm squares out of millboard (or a heavy card such as mount board).

You could cover each board in bookcloth or patterned paper first to add a more decorative finish to the book, this needs to be done before you attach the binding.



2. Using a good strong paper measure out the hinge. Mark off 3cm sections and score with a bone folder to give a good sharp crease (if you haven't got a bone folder, an empty biro is a good alternative in this instance). The hinge should be the same height as the book 12cm. The example above is 12cm x 42 cm, it has 13 folds and will result in a 6 page book.



3. Glue the concertina hinge to the covers, as shown. PVA is a good strong glue to use. Let it dry thoroughly before you begin to glue the pages in.

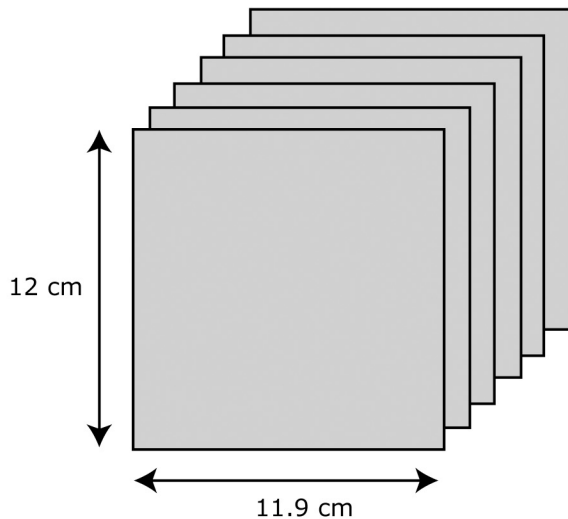


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Concertina Hinge Book page 2



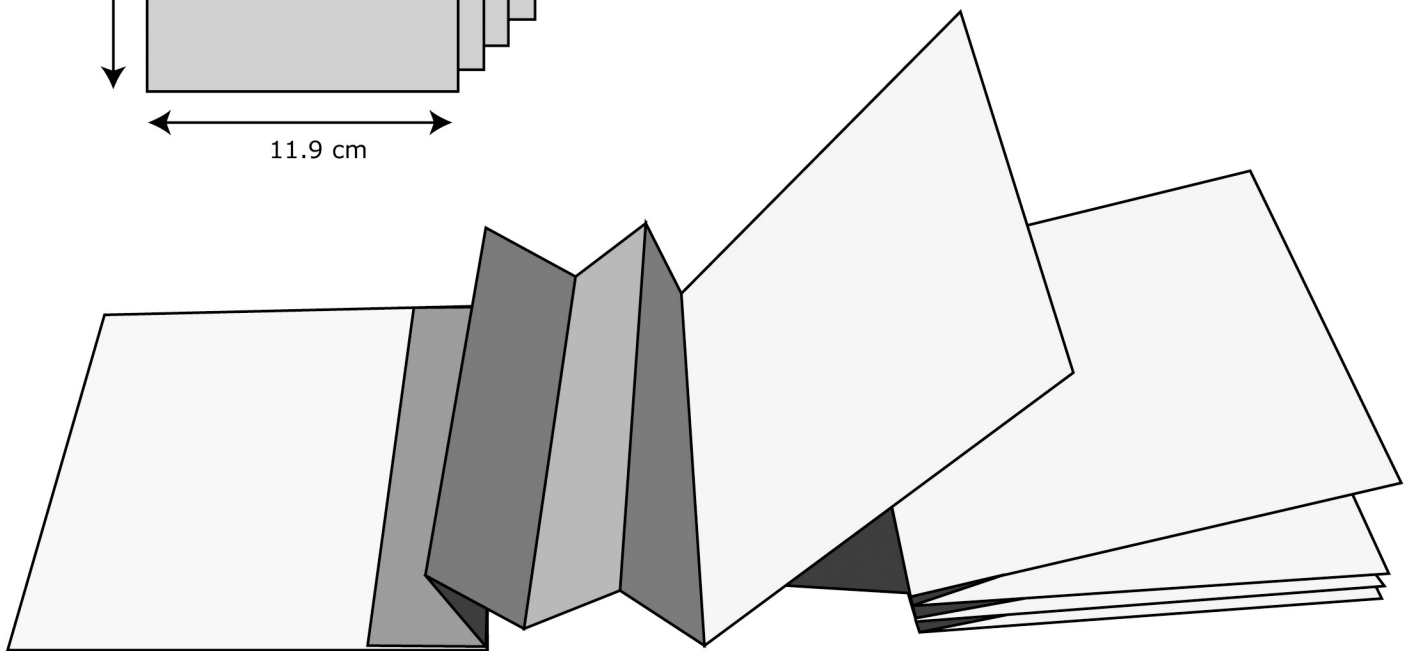
4. Making the pages

The pages can be any weight. The benefit of this type of hinge binding is that very thick pages can be added.

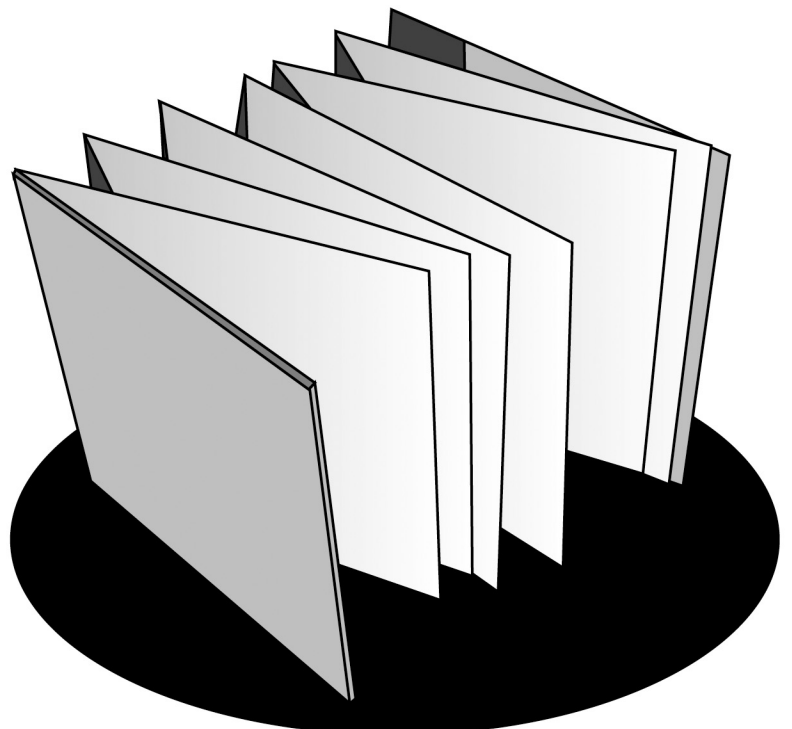
The pages should be 12 cm high, but they should be a fraction narrower, to allow for the hinge.

These pages were 11.9cm wide.

For this particular example you'll need 6 pages



5. Glue in the pages. Glue to the fold of the hinge that's facing upwards and glue all remaining pages to the same side of the folds. The book should open so you can't see the hinge. You can only see the hinge on the backs of the pages.



Completed
**Concertina
Hinge Book**