

Facts on Files

In this edition of Facts on Files, useful tips on creating crossover image alignments on perfect bound covers.

Now that you have decided the project will be perfect bound, attention needs to be given to the cover to be designed properly. Since the cover is one of the most important parts to the book, we want to make sure proper techniques are followed to produce a cover that appears to be perfect.

Here are some easy to follow guidelines:

Spine color breaks: If your book has color breaks on the spine edge, we will be able to provide a spine thickness based on the paper that has been selected.

Crossover image alignment: Accurate crossovers depend on two factors, layout and how the books are opened. Unfortunately, some users are gentle and barely crease the spine during reading while others are rough and break the spine. So, we are aiming for middle ground to make crossover images appear right for the majority of readers. For maximum operator flexibility, place your crossover images $1/8''$ from spine edge. If you do so, your crossovers should appear to meet right at the spine.

Hinge score allowance: Perfect bound covers will get a hinge score to prevent the covers from tearing apart at the backbone. The allowance for the hinge score is $1/4''$.

Figure 1 shows the makeup of a perfect bound book.

When designing perfect bound covers, the covers need to be built in spreads, including the backbone. Figure 2 shows the layout for the front and back cover. No adjustment will need to be made for the hinge score on that spread. Figure 3 shows the layout for inside front cover and inside back cover. If image crosses over, align image at the hinge. **Remember: No image can enter the area between the hinges. So for images that crossover from the covers to the body, the image needs to stop at the hinge, then pick up from the hinge on the body page.** See Figures 4 and 5 for designing pages with crossover images for the body.

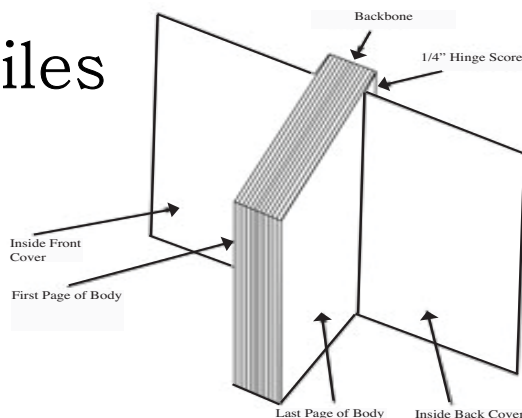


Figure 1

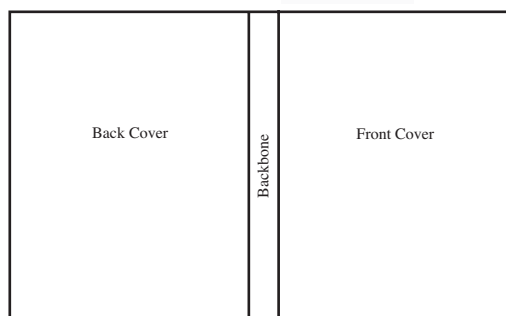


Figure 2

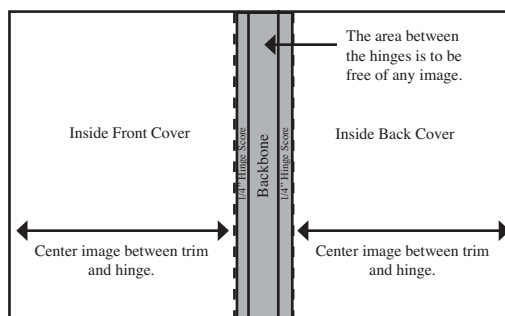


Figure 3

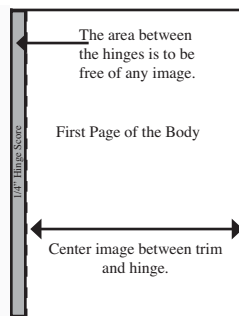


Figure 4

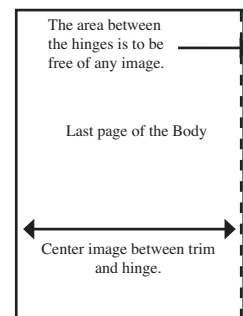


Figure 5

For more information contact:

**HPS, Ohio Division: Joe Maciag or Burt Phillips--3765 Sunnybrook Rd – Brimfield, OH 44240 – Tel: 330.678.5868
Email: jmaciag@hessprintsolutions.com or bphillips@hessprintsolutions.com**

**HPS, Illinois Division: Tom Bannister or Larry Randle--HPS, Illinois Division - 1530 McConnell Rd – Woodstock, IL 60098
Tel: 815.338.6900 - Email: tbannister@hessprintsolutions.com or lrandle@hessprintsolutions.com**