

Hinge Binding / Crossovers

11/21/06

We use a technique called hinge binding on perfect bound covers. This technique requires 1/8" side glue on the front and back covers and is used to hold the magazine together more securely.

Our recommendation for laying out crossovers between an inside cover and it's facing page is as follows.

Each crossover page should be moved toward the face of the magazine 1/8" in the cover document. If the crossover is between C2 and page 3, C2 should be moved to the left (face) 1/8" and page 3 should be moved to the right (face) 1/8".

A few things to consider when designing crossovers

Elements on the facing edge of the crossover pages will move toward the face trim by 1/8". Our recommendation for safe type area around the printed page is 1/4" for non-bleed text and images, therefore to maintain that safe area the face of the crossover pages would have to be built with a 3/8" safety. When the pages are placed in the cover document they will be moved toward the face 1/8". This will create the recommended 1/4" safety at the face.

Also this process will affect non-crossover covers and facing pages as well. If the 1/4" safe area guideline is adhered to on the binding edge of the magazine this should not be a problem, however: any art or text elements that are 1/8" or less from the binding edge and are not intended to bleed will be obscured by the hinge bind.

Keep in mind that the hinge will affect how the page is centered. If centering elements is critical to the page, consider centering the page between the face and the hinge. This would mean centering elements within a 7 5/8" width rather than the normal 7 3/4" page width.

Attached are Layouts For single pages (Inside covers and facing page) and Cover crossover spreads.

PAGE SIZE WITH BLEED

8" X 10.75"

1/8" larger than trim size.
Anything that bleeds
(background colors, artwork)
must exceed trim size by 1/8"

TRIM SIZE

7.75" X 10.5"

This is the size the magazine
is cut down to after all the
signatures are put together.

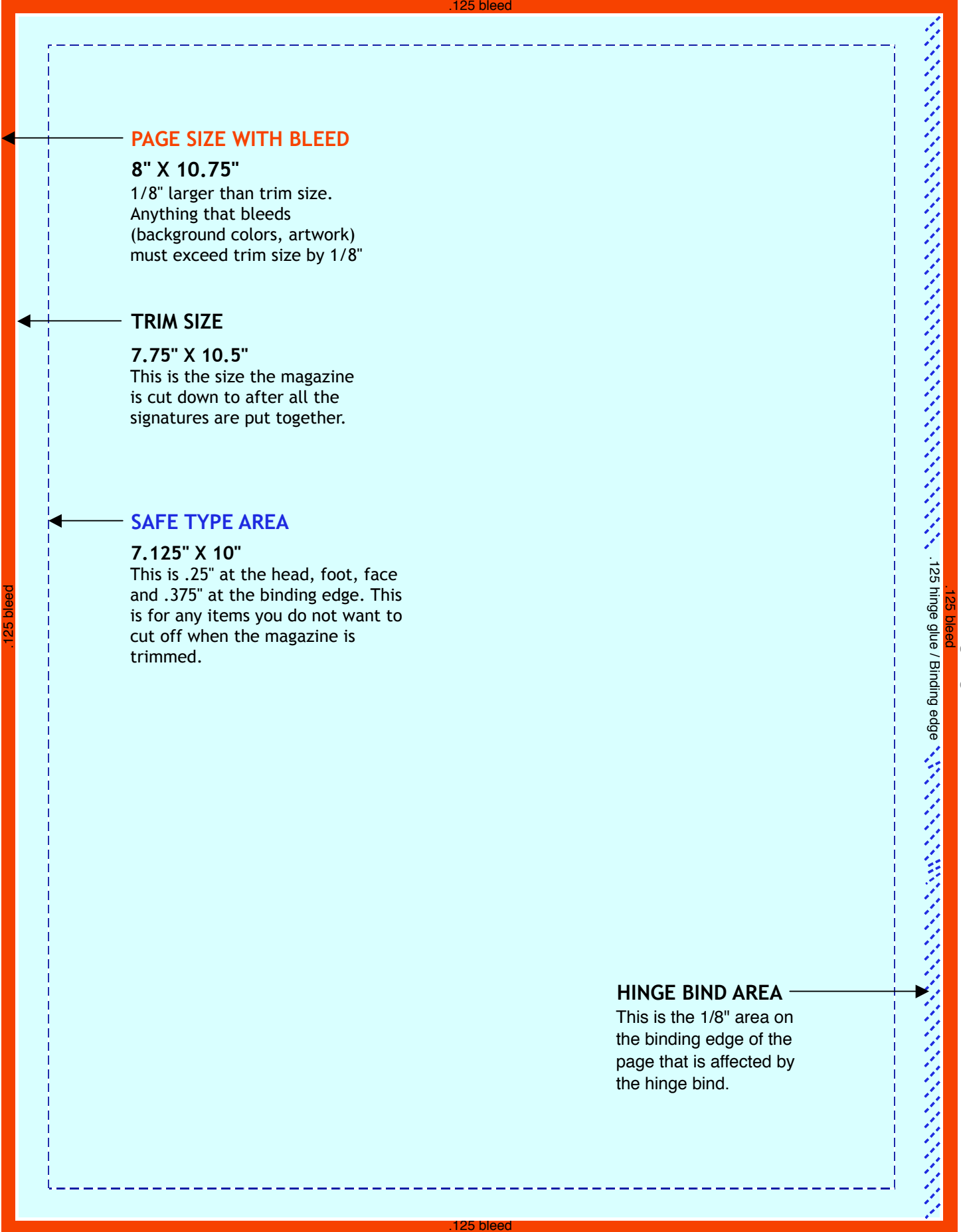
SAFE TYPE AREA

7.125" X 10"

This is .25" at the head, foot, face
and .375" at the binding edge. This
is for any items you do not want to
cut off when the magazine is
trimmed.

HINGE BIND AREA

This is the 1/8" area on
the binding edge of the
page that is affected by
the hinge bind.



PAGE SIZE WITH BLEED

8" X 10.75"

1/8" larger than trim size.
Anything that bleeds
(background colors, artwork)
must exceed trim size by 1/8"

TRIM SIZE

7.75" X 10.5"

This is the size the magazine
is cut down to after all the
signatures are put together.

SAFE TYPE AREA

7.125" X 10"

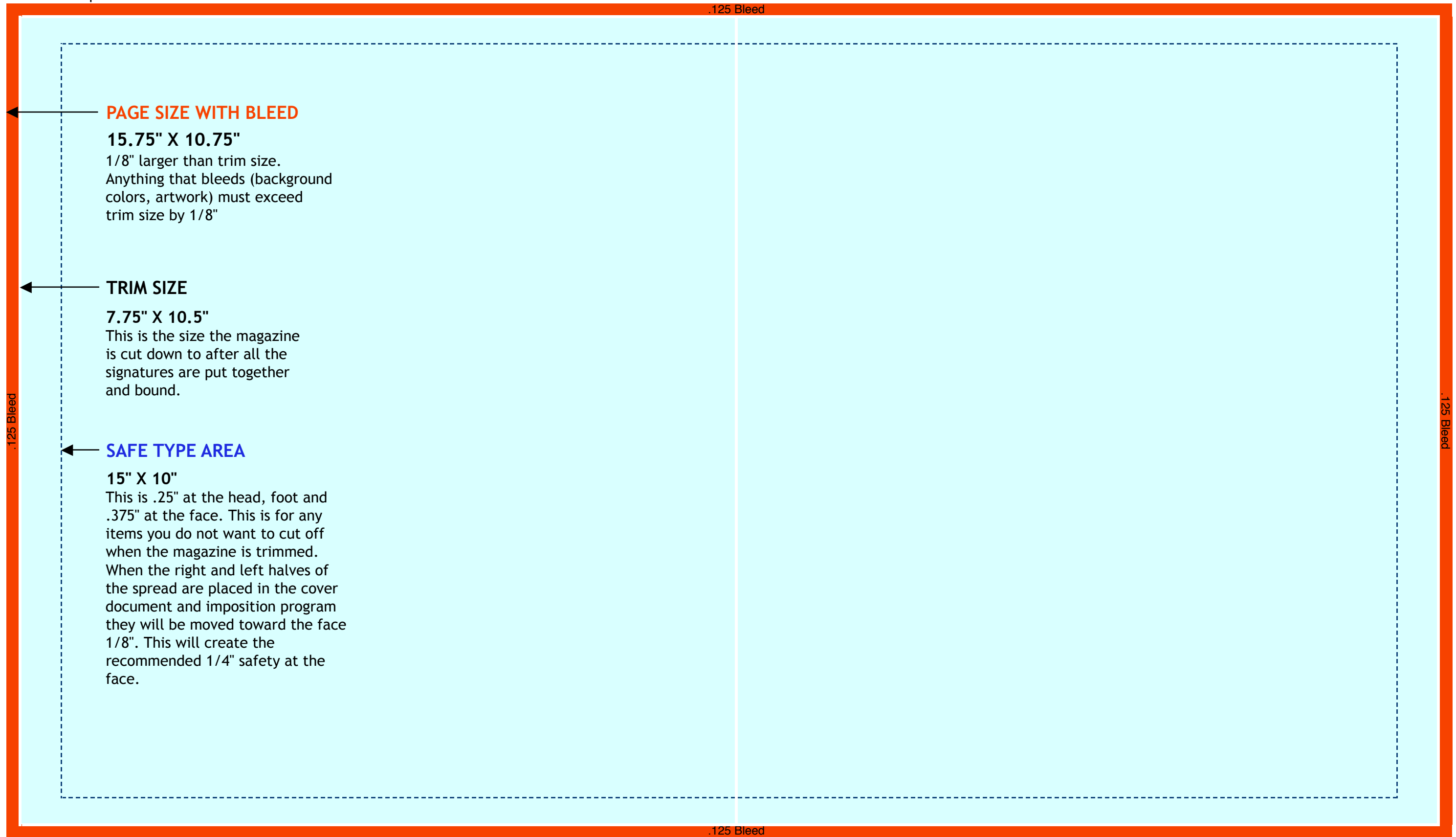
This is .25" at the head, foot, face
and .375" at the binding edge. This
is for any items you do not want to
cut off when the magazine is
trimmed.

HINGE BIND AREA

This is the 1/8" area on
the binding edge of the
page that is affected by
the hinge bind.

Crossover spread

Head
.125 Bleed



PAGE SIZE WITH BLEED

15.75" X 10.75"
1/8" larger than trim size.
Anything that bleeds (background colors, artwork) must exceed trim size by 1/8"

TRIM SIZE

7.75" X 10.5"
This is the size the magazine is cut down to after all the signatures are put together and bound.

SAFE TYPE AREA

15" X 10"
This is .25" at the head, foot and .375" at the face. This is for any items you do not want to cut off when the magazine is trimmed. When the right and left halves of the spread are placed in the cover document and imposition program they will be moved toward the face 1/8". This will create the recommended 1/4" safety at the face.

Face

.125 Bleed

Face

.125 Bleed

.125 Bleed
Foot