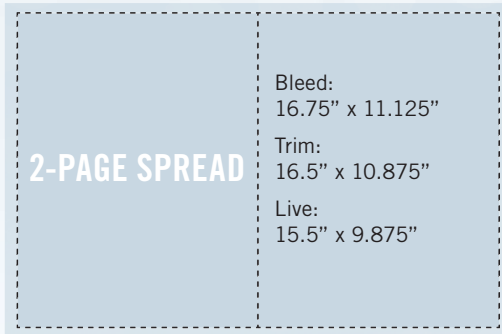
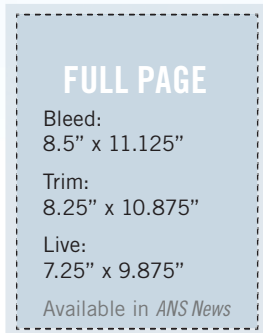


MECHANICAL SPECIFICATIONS

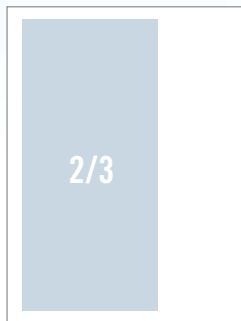


Column widths: 2.25" and 3.375"
 Column length: 10.0"
 Screen: 133 screen
 Printing: Offset
 Binding: saddle-stitched or perfect bound
(varies by issue)

2-page spread w/bleed*



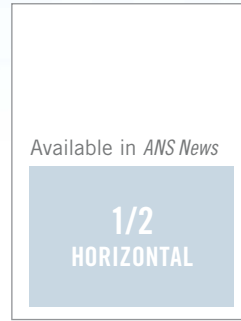
Full page w/bleed



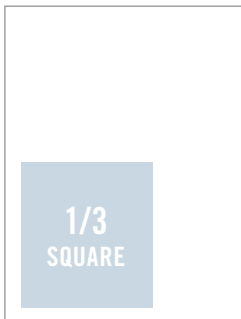
2/3 page
4.667" x 10.0"



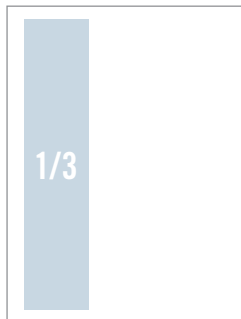
1/2 page island
4.667" x 7.375"



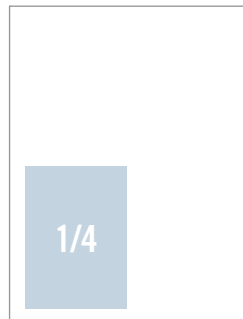
1/2 page horizontal
7.0" x 4.875"



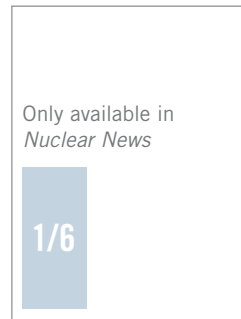
1/3 page square
4.667" x 4.875"



1/3 page vertical
2.25" x 10.0"



1/4 page vertical
3.375" x 4.875"



1/6 page vertical
2.25" x 4.875"

Ad Material Submission Specifications

Preferred file formats

- Print-ready PDF format
- Adobe Creative Suite 5 or later
- EPS vector format (all fonts and photos must be embedded)
- TIFF Bitmap format (300 dpi at full size)
- JPEG Bitmap format (300 dpi at full size, high quality compression)

Acceptable file formats (these formats may result in alterations to the ad due to the conversion process):

- Word processing documents (Word, WordPerfect, etc.)
- Presentation documents (PowerPoint, etc.)

For all other file formats, results can be unpredictable. Please check with us before sending any other file formats.

All ad material should be at least 300 dpi at the desired print size.

Do not include crop marks, registration marks, color bars, or other "non-live" material in your ad. Including these can interfere with the proper printing of your materials.

All supporting documents (Fonts, Pictures, Plug-ins, Xtentions) required for use with the files must be included. A laser copy of the ad should be included, with any spot colors clearly labeled. Alternatively, color separations or an Acrobat PDF proof may be sent. PDF proofs must be clearly marked as proofs only and not for production. Files sent electronically (via e-mail or Web) MUST be compressed to decrease file size and protect data.

To ensure accurate color reproduction, please check that 4-color ad files are built using only CMYK colors; 4-color ads that include spot colors or RGB images will be converted to CMYK before printing, which could affect the appearance of the ad in the printed magazine.

**Where to send
ad material:**

Web: www.ans.org/advertising/upload
 E-mail: advertising@ans.org

*Due to the variations in the binding process, please contact the Advertising Department (800-682-6397) for dimensions if you are interested in running a 2-page spread ad.