

Hague System: Technical Requirements Regarding Image Files

These instructions help to ensure that your image files comply with the technical requirements under the [Hague System](#). Moreover, they help to preserve the quality of the publication of your reproductions.

Summary of technical requirements for image files

Image format	JPEG or TIFF
Resolution	300 dpi
Minimum size	At least one reproduction per design must have one dimension of at least 3cm (at 300 dpi)
Maximum size	16cm x 16cm (at 300 dpi)
Maximum file size (per file)	2 MB
Color	RGB or Grayscale
Borders	Between 1 and 20 pixels

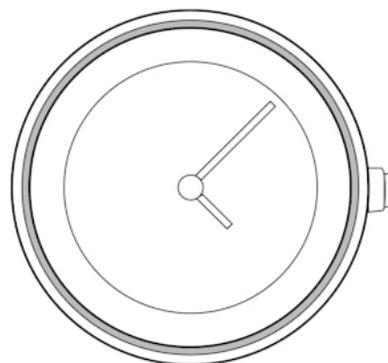
Providing quality image files

Image files with a low resolution (72 dpi or 150 dpi) will be scaled up to the minimum size of 3cm x 3cm (300 dpi). The result will be a blurry image where the details of the designs are not displayed.

Images that are optimized for web, embedded in other documents or shot with smart phones are likely to have a low resolution. It is recommended to provide images with a native resolution of 300 dpi.



Low resolution (72 to 250 dpi)



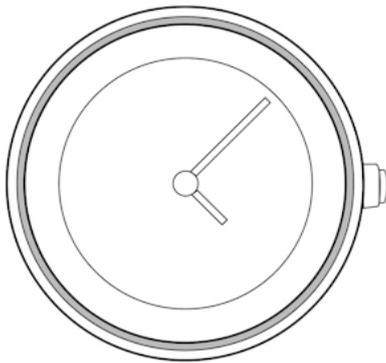
High resolution (250 to 300 dpi)

What is the resolution (or dpi) of my image?

The resolution corresponds to the density of information of your image. 300 dpi means that there are 300 pixels (or points) in a surface of one inch (2.54 cm). For optimal quality, your images should be between 250 dpi and 300 dpi. Less or more than that, the system will automatically resize your images to a resolution of 266 dpi.

How to keep proportions of your design consistent

Uploaded images

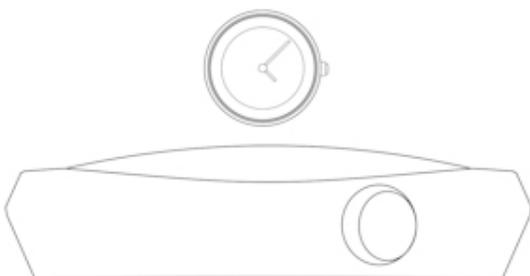


10x10cm; 300 dpi



10x5 cm; 900 dpi

Output



To avoid undesired scaling and loss of proportions of your different images, ensure all your reproductions have the same resolution, ideally 300 dpi.

Providing image files in a resolution higher than 300 dpi will not improve the quality of your publication since the reproduction is automatically scaled-down to 266 dpi.

Borders between 1 and 20 pixels

It is important to keep at least one pixel of border. This will avoid losing information when your image is cropped for publication.

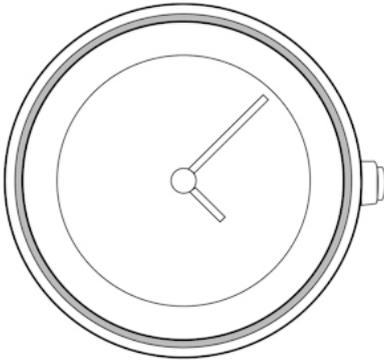
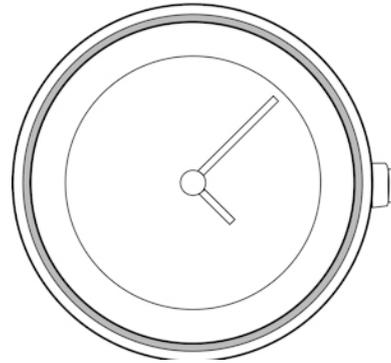
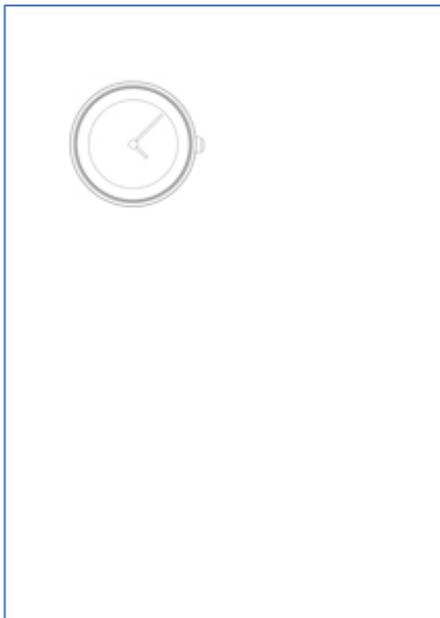


Image file is sent without any border. The pixels touch the edge of the reproduction.



Upon automatic resizing, information can be lost on the bottom and right edges.

Note that the image file must be trimmed to avoid having large borders. A trim between 1 and 20 pixels is suggested.



Example of too large borders.