

Gecko™ 2.0 Adaptable Mask Clip

Eagle™ 2.0 Adjustable Mask Clip

Cheetah™ 1.0 Flexible Mask Clip



Design by Roy Leban, download design package at www.royleban.com/maskclips

Design and FAQ

What is this and why is it free? The Gecko, Eagle, and Cheetah mask clips are one way for me to *pay it forward*. Mask fatigue is a significant problem, particularly for healthcare professionals using masks which use elastic bands around the ears. There's not much I can do about the global problems we all face, but I can use my design skills and user experience expertise to create something that will work well.

Why the weird shapes? There are many options suitable for casual use. I wanted to create clips which were also appropriate for clinical environments. All of the clips are designed to be:

- Able to be cleaned quickly, easily, and completely
- One size fits all — fit a variety of masks, head sizes, and hair styles
- Comfortable for long periods of time
- Stable, secure, and sufficiently strong

Additionally, the Gecko and Eagle clips are designed to be:

- Able to hold straps off the neck

And the Cheetah clip is designed to be:

- Able to be attached permanently to a mask

Different people will prefer different mask clips. See the comparison table for the differences between the masks.

What changed in Gecko and Eagle 2.0? The new version number indicates a design change which allow the Gecko and Eagle to (mostly) stay attached to a mask when not in use. The tradeoff is that they are a bit harder to attach the first time. The best way to put on an Eagle 2.0 mask clip is to join the two halves together behind your head.

To Make: Laser cut the clips only out of the recommended materials. The Gecko and Eagle clips should be cut out of 1/8" cast, smooth, non-frosted acrylic. Do not use other materials, CNC milling, or 3D printing. The Cheetah clips should be cut out of Rowmark Lucent flexible plastic. Do not use other materials, CNC milling, or 3D printing.

See the Making Notes for complete details on laser cutting the clips from the provided templates.

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