Heart

designed by Michał Kosmulski — http://michal.kosmulski.org/origami/

This heart is an example of using my Cross Lap Unit (CLU). Many other shapes can be folded in a similar fashion, including multi-module assemblies.

Use a single long strip of paper, with approximately 1:14 aspect ratio. Fold the strip in half lengthwise. The Crease Pattern (CP) below shows how to fold two notches on two opposite edges of the folded strip, which can then be locked together at the upper cusp of the heart, like a cross lap in woodworking. Notches should be located one half of the strip's shorter side from each of the strip's ends. The value d in Crease Pattern below marks the width of the notches. They should be wide enough to accomodate the thickness of the paper at the intersection.

intersection   tip   intersection