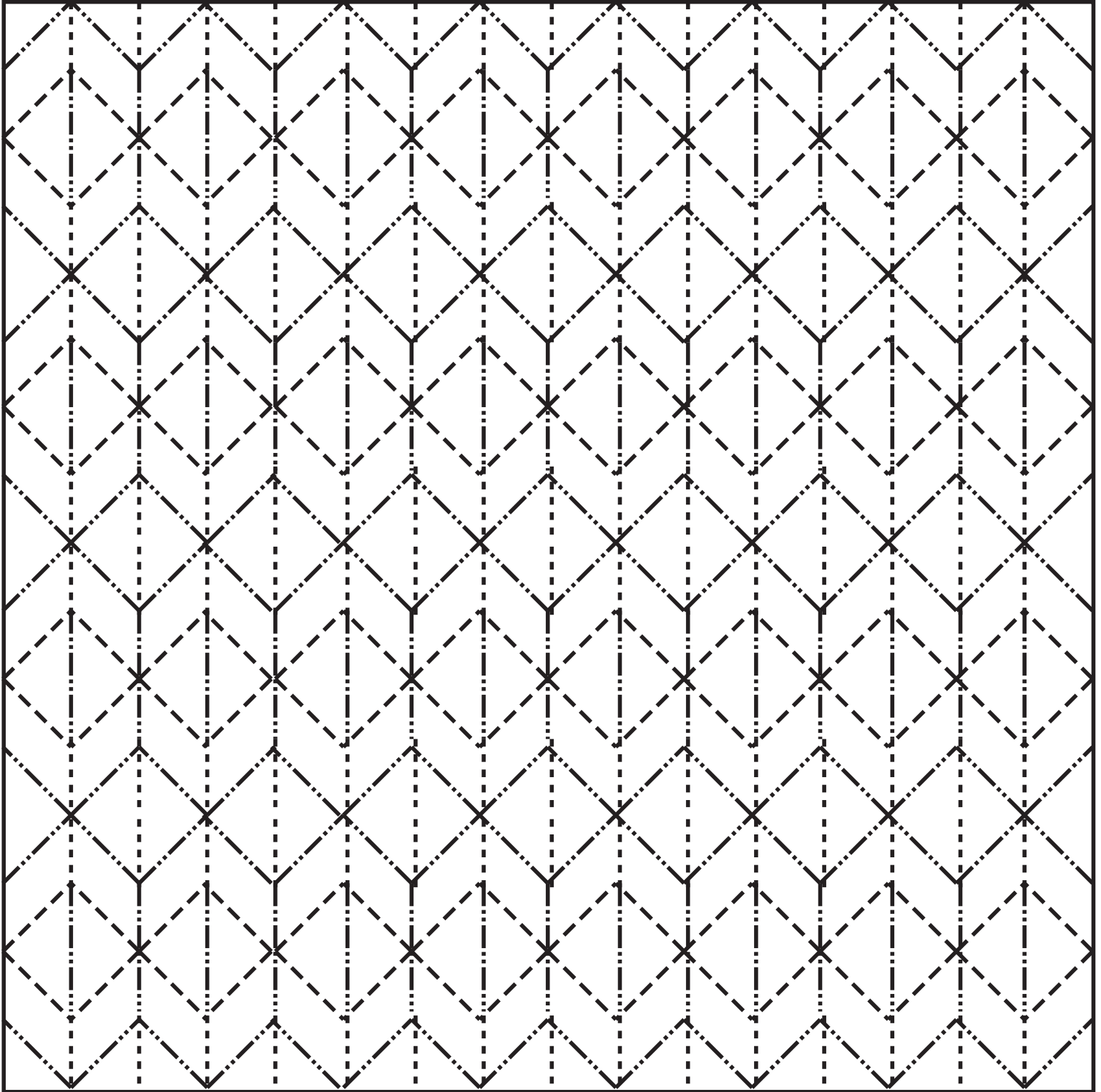


Basic Iso-area 3D Tessellation

By Jared Needle ©2002

Similar to the troublewit, this 3D tessellation can be easily manipulated to take the shape of many different things, such as other 3D tessellations. It folds flat.



To fold this pattern, begin by creasing the edges of the square into sixteenths. Then crease the diagonals into thirty-seconds. Yes, there are no horizontal folds on the model, but these creases will be used as guides, and to change the form. (Sorry, this will not be diagrammed, only taught). Also, as you can see from the pattern, it is universal. The dimensions do not really matter. As long as the sides are divided into eighths or greater, and the diagonals are divided into twice as many sections as the sides, the model should turn out fine. (Multiples of two are easiest to work with). With that said, Happy Folding!