Fun with Fimo

Dan Maragni
Lee Jones
New England Bladesmiths’ Guild
Sixteenth Annual Bladelsmithing Seminar
September 19 - 21, 1997
Ashokan Field Campus

Copyright © 1997 by Dan Maragni
Patterns created by deforming and subsequently grinding laminated sheet

Die formed ladder pattern

Die formed raindrop pattern
Variations based on a “checkerboard” cross-section

Checkerboard cross section with edges rounded

Taper ground single direction twist

Alternating twist - outside surface view

Alternating twist - step ground view
Variations based upon Twisted Rods

Cross section with edges rounded formed from six rods

Single direction twist - outside view

Single direction twist - step ground view

Composite of four alternately twisted rods - outside view

Composite of four alternately twisted rods - step ground view
Variations based upon twisted billets

Seven layer billet with black representing steel and white representing iron.

Composite of four alternately twisted billets - step ground view

Composite of four alternately twisted billets outside (above) and ground view (below)
Sword Blade Segments

Composite of four alternately twisted rod stacks - fuller forged (above) and ground (below)

Composite of 4 alternately twisted billets (each of 7 elements) ground (left) and fuller forged (right)
Sword Segments

ABOVE: Composite of 4 alternately twisted billets (each of 28 elements) ground (above) and fuller forged (below).

RIGHT: Composite of 4 alternately twisted and interrupted billets (each of 20 elements) ground (above) and fuller forged (below).