

## The Taper Sheet: The Clear Creek Quad

by Bob Maulucci

This 6'6" 4 wt. quad is named for a very tiny creek that runs through the small town of Arcade in New York. This stream holds some beautiful little rainbow trout that naturally reproduce in its waters. I wanted a short quad that was crisp and pleasant to cast dry flies to these beautiful little fish. The flat spots (or hinges) at the 30" and 55" stations really allow the rod to roll cast and be a good all around.

The taper is adapted from a Thomas and Thomas rod that I tweaked using Claude Freanor's adaptation of Garrison's stress curves. Claude used his mathematical powers to convert the hex rod stresses into quadrate rods with both flat and rounded enamel flats.

I keep my quads rounded on the flats to preserve the power fibers that would be lost in sanding the wide flats of a quadrate flat. I do this by preparing my sanding blocks with a tip from Tom Morgan. He suggested that I attach a sheet of sandpaper to a culm (grit side up, of course) and sand the radius of the culm into the bottom of my sanding block by running the block across the paper. It works, and slight as it may be, it really keeps you from ruining the power fibers closest to the enamel. Thanks Tom and Claude for the great help. I hope you all enjoy building this taper.

### DAX 664 Clear Creek Taper 6'6" for 3/4/5 wt.

0	.059
5	.069
10	.091
15	.111
20	.128
25	.143
30	.154
35	.157
40	.168
45	.184
50	.198
55	.205
60	.208
65	.224
70	.238
75	.266
78	.266

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