

# Folding Knives That Walk and Talk

Join Mike Todd as we explore making slipjoint folding knives that walk and talk- that satisfying click and snap the blade makes as you work it open and closed. Major topics of demonstration and discussion will be-

- Simple homemade tooling and methods to measure the rise and fall of the back spring- so the spring, blade and handle are even with each other in the closed, half cock and open position.
- Heat treating springs
- How to determine and measure the amount of preload of the spring- so it clicks open and snaps closed with authority.
- How to check the geometry and operation before final assembly- and how you can perfect it before riveting it all together.

Students will have the opportunity to make a single blade folding knife using 1075 steel for the blade and spring, brass liners and traditional bone or horn handle material. The pattern we will use is versatile enough to give the student wide options in the shape of the handle and blade. Experience with bench work- especially filing to a line and heat treating will be helpful, but definitely not necessary.