

Tutorial for the EnZo Nordic 95 knife kit.



1. The kit consists of
 - a ready made sheath, especially designed for the knife.
 - a curly birch block, predrilled hole to fit the tang.
 - a front piece of dark wood (Grenadil or Ebony)
 - a nickel silver bolster
 - two red spacers made of vulcanised fiber
 - an EnZo Nordic 95 mm knife blade made of O1 carbon steel, with thread tang and a brass nut.



2. Sand and polish the bolster to the finish you want, either mirror or satin. You can not polish it up after it is attached, without toughing the blade.



3. You will need to file up the hole in the bolster just a little to place it in this position. Here the tang is 0.1 mm wider.



4. Hammer the bolster in place.



5. If you did not file up to much you will end up with a perfect fitting bolster with no gap. That is the first sign of a high quality knife.



6. Shorten the tang 13-14 mm. Assemble the knife between to see the parts fit together. As seen on the photo, the thread is filed down from the sides to make the metal bolster fit.

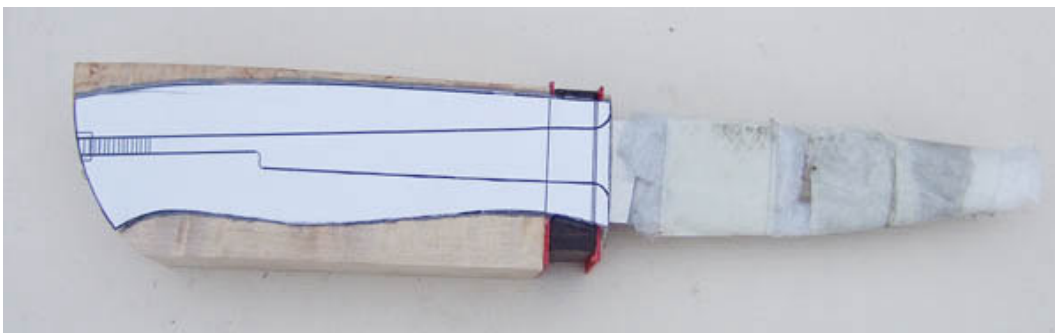


7. Mix two component epoxy glue. Do not use the very fast curing, to avoid stress.

Apply epoxy. There is no need to fill the hole completely. This knife is mainly held together by the tang through construction. That is the strongest and will hold the knife together to the next generation.



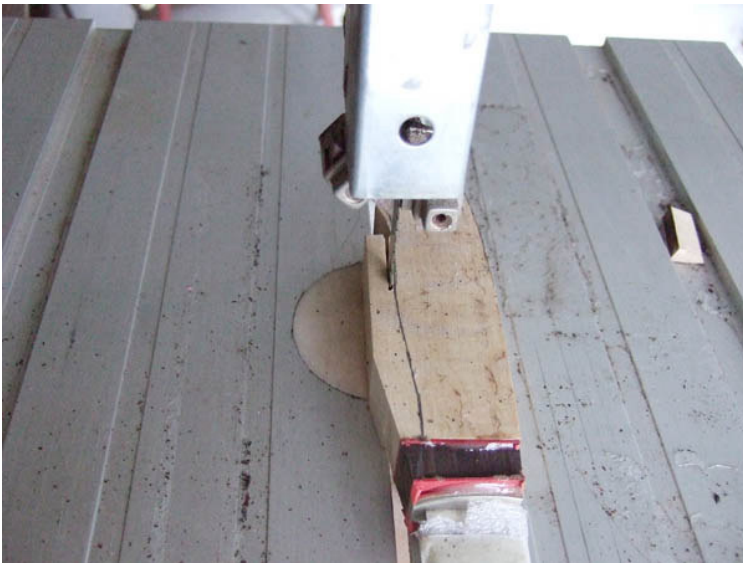
8. Tighten the screw.



9. Mark out the handle on the wood. Now you can design your own handle. The shape here is our example, a very Scandinavian model. Take your time for you own creation. This is the interesting part of the project.



10. Use a sander or rasp and file by hand.



11. A band saw is handy, not necessary though.



12. Mark out the lines on the back. Important to make the handle symmetrical..



13 Shape the handle using a rotating sander and/or by hand. Starting from grit about 100 (European). Then approximately double the grit to 240, 400 and finer if you like. This handle is taken to 400 grit. The brass bolt is filed and sanded down.



14. You can stain the handle or leave it natural. Here is used a dye for leather. There are many other dyes on the market for wood and furniture.



15. The handle needs an oil as protection. You can use any oil that hardens. Oils for furniture, linseed oil, Danish Oil or as here a CCL knife handle oil. Apply several coats and let it harden between for a few hours. Finish with very fine sand paper like 1000 grit or steel wool.



16. Finally you can apply a hard Carnauba wax on the surface with a buffer. It is not necessary but makes the handle extra shining.



17. The knife is ready for use.

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