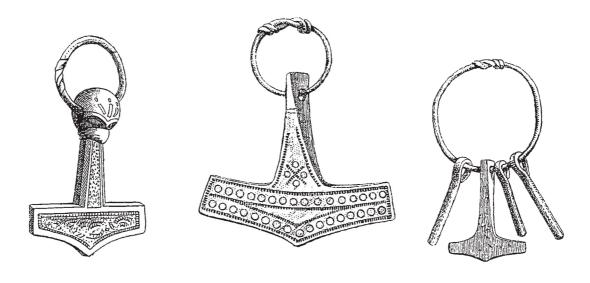


## Make a Thor's hammer of bone

Thor's hammers have been found of amber and iron but none have yet been found made of bone. It is easy to make a copy of a Thor's hammer in bone, modelled for example on one of the beautiful silver Viking examples.

## Materiale

An ox humerus (thigh bone) - obtained from the butcher. Boil the bone in water to which washing powder has been added for about three hours. Saw off the joint ends with a hacksaw before boiling. The boiling treatment removes the marrow and the fat bound within the bone.



Silver Thor's hammers

(scale: 1:1)

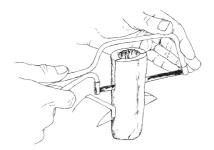




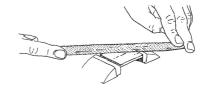


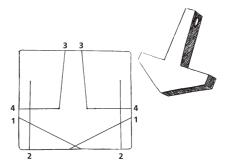
## Method

- A flat piece of bone is needed from which to fashion the Thor's hammer. Start by sawing through the bone along its length.
- Secure the bone horizontally in a vice with the piece of bone to be used for the hammer uppermost. Make a flat, smooth surface using a rasp, file and sandpaper. Give the surface a completely smooth finish. Take the bone out of the vice so that the polished piece of bone can be cut free both horizontally and vertically with a hack saw. Take care as the potential size and appearance of the Thor's hammer is determined at this point. Secure the resulting bone plate horizontally in the vice.
- In the vice, file and sand the other side of the bone plate in the same way as the outer surface.
- Draw the outline of your Thor's hammer on the piece of bone with a pencil. Take care to align the hammer so that the hammer shaft lies along the longitudinal axis of the bone. Now carefully saw out the hammer. Begin with the hammer head. Put a piece of leather between the piece of bone and the jaws of the vice to avoid marks on the bone.
- Finally, sand and round off the edges. You can also decorate the hammer and colour in the pattern. Be inspired by the many beautiful finds from Viking times!









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