

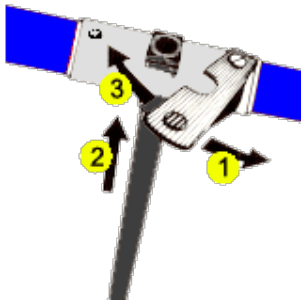
HOW TO USE THE HAGLÖF INCREMENT BORER



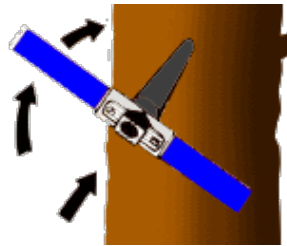
A. Unscrew the extractor from the handle.



B. Remove the borer auger (bit) from the handle along with the extractor

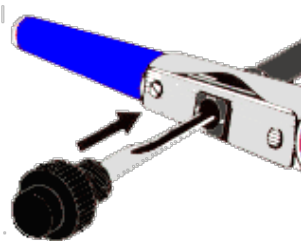


C. Turn the lock and insert the auger (bit) in the handle. Then gently turn back the lock until the auger is secured into the handle.



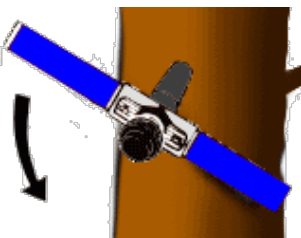
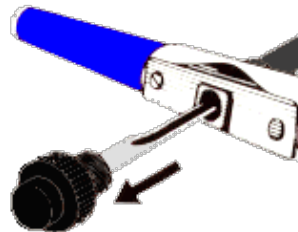
D. The borer is now ready for use. When screwing the borer into the tree, consider the following: **Do not use force when starting the penetration.** It may cause damage to your borer and small chips may

come out of the tip. If you do not have a borer starter available, guide the penetration with one of your hands and gently push and turn clockwise with the other hand at the centre of the borer handle. Hold the borer handle steady. When the initial 2-3 cm have been penetrated, use both hands to turn the handle.



E. Insert the extractor into the borer auger (bit) when reaching desired point inside the tree (usually centre of the tree)

G. Pull out the extractor along with the core.



F. Turn the auger a quarter of a turn anti-clockwise and keep the extractor knob firmly pressed into the handle. This is very important in order to keep the core intact

H. The core is ready to be examined. Gently unscrew the borer auger from the tree.



At the start and until the borer engages into the tree a few millimetres, push only moderately hard.

Do not use force and do not mistake the increment borer for a hammer! If doing so, the result will most likely be the broken tip of a perfectly good instrument. The boring should be initiated with a gentle press and at the same time screwing movement. To help the penetration, a borer starter support can be useful. This will also free both hands, help maintain a proper borer alignment and provide a stable pivot point for the core barrel and prevent cork screwing.

IMPORTANT! The increment borer should be removed from the tree immediately after the core has been extracted. Only a few moments too long in certain tree species will make the unscrewing procedure almost impossible, since the fresh wood in the tree immediately starts its recapturing process to seal the hole.