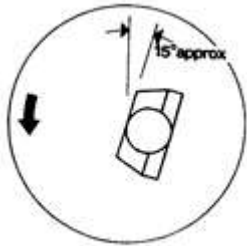


Ring Tool – HCT125/126

Ring Tools are designed for use in END-GRAIN, working outwards from the centre in order to cut WITH the grain. They are ideal for the insides of goblets and large end-grain hollowware of all kinds. The following hints should enable you to achieve good, safe results – whether the tool is used for roughing-out or for fine finishing cuts.

AT ALL TIMES

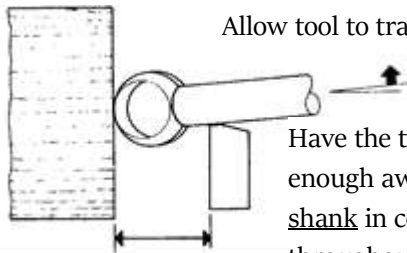
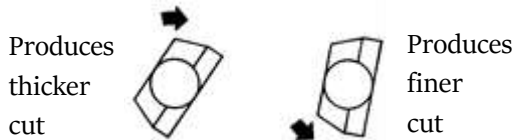
- *USE THE SLOWEST AVAILABLE LATHE SPEED
- *KEEP THE TOOL SHARP



Angle face slightly backward at approx. 15°

NOTE

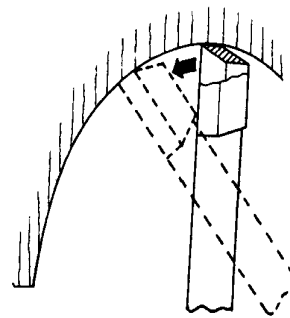
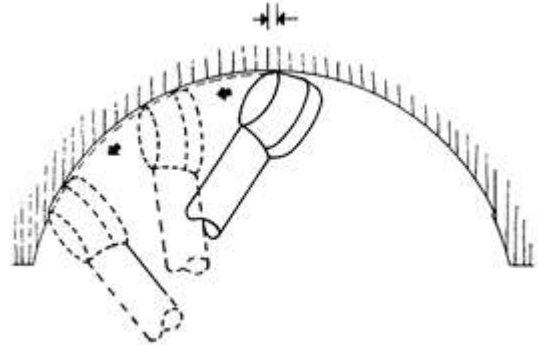
Thickness of cut can be varied by slight rotation of the head.



Allow tool to trail slightly

Have the tool rest far enough away to keep the shank in contact at all times throughout its sweep and cut on the centre line.

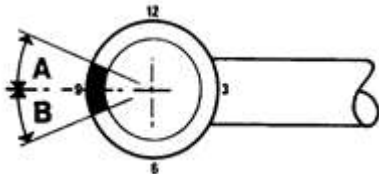
The cut needs to begin slightly behind centre in order to avoid producing a small nipple. Once the cut commences, the sweep of the tool must maintain the desired thickness of cut with the bevel rubbing at all times.



In deep hollows it may be difficult to commence at the centre using the outside bevel.

In this situation, begin the cut with the internal bevel and then turn the tool over to complete the cut using the outside bevel.

SHARPENING

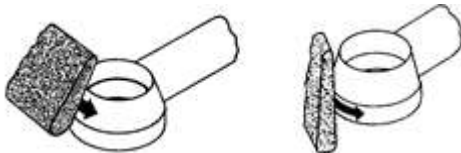


The tool is sharpened, ready for use, but for best results it must be kept sharp. Since the tool can be used in either direction – (appropriate to the directional rotation of the work) it is the portion of the cutting edge either side of the 9 o'clock which will require attention.

A - Area in use when cutting clockwise rotating work

B - Area in use when cutting anti-clockwise rotating work.

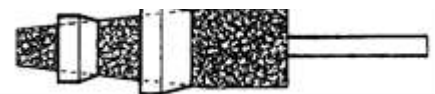
In order to maintain the original geometry, we recommend that re-sharpening be done by hand with a fine slip stone.



The burr produced on the inside can be removed with fine abrasive paper wrapped around a suitable piece of dowel. Sharpen the inner bevel by keeping a slip stone flat on the outside (see image on the left).

GRINDING

This should be avoided if possible. However, if the cutting edge is accidentally damaged or badly worn, sufficient material can be removed by using a #A1 grinding point mounted on a portable electric drill. The slight inside bevel will not affect the use of the Ring Tool.



No. A1 Grinding Point suitable for 1/2" & 1" Ring Tools