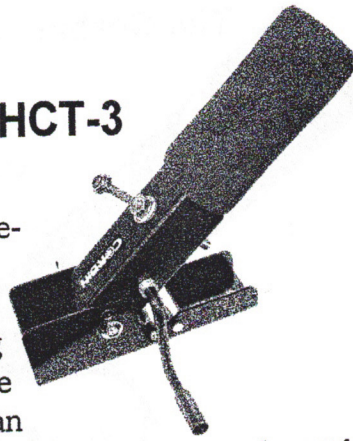


CORBIN

Bullet Grooving Tool HCT-3

For lead black-powder bullets



The Corbin Bullet Grooving Tool creates two grooves at a time on lead bullets from .22 to .72 caliber (two setting ranges, selected by moving the pivot pin). The tool has a positive stop for control of the depth, but can also be operated by "feel". Position of the grooves can be set by a base-touching stop screw on the side of the tool.

Mount the tool on your bench top, so that the crank handle is free to turn over the edge of the bench. Two mounting holes through the base allow the use of number 10 wood or metal screws. The tool will not give satisfactory results if held by hand.

Place a bullet to be grooved so that the base of the bullet touches the position adjusting screw located directly between the two steel rollers, on the side of the tool base. Adjust the screw so that the grooving wheel contacts the bullet at the desired position. If this position cannot be attained, the wheel itself may be moved on its shaft by loosening the set screw in the wheel hub between the two raised rings and relocating the wheel.

Close the top (handle) section of the tool, and adjust the depth screw so that the wheel contacts the bullet. Turn the crank two full turns while pressing down firmly on the padded handle. Open the tool and note the depth of the cannelure groove. Adjust the depth screw to give a depth such that there is a visible circle at top and bottom of the serrations (that is, a groove is put into the bullet, not just a series of vertical lines). Don't go deeper than approximately .02 inches, however: this does no good and displaces too much lead. With hollow base bullets, be careful not to groove directly over the thin skirt section, as this will collapse the skirt and deform the bullet.

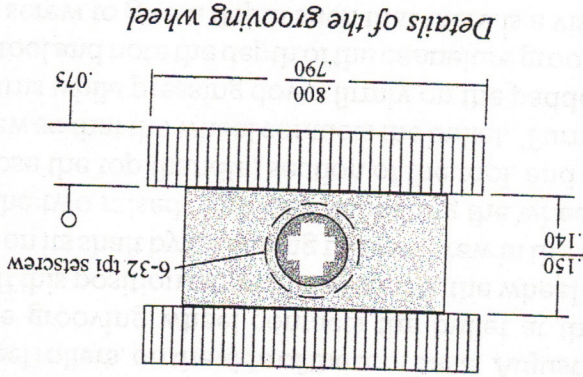
The Corbin Lead Bullet Grooving Tool, HCT-3

Grooving wheel can be replaced with a cannelure wheel for jacketed bullets (optional part HCT-1W) with .050 wide groove, or the HCT-1 can be changed to HCT-3 with the optional HCT-3W grooving wheel (the rest of the tool is the same).



Special Features...

1. Comfortable padded handle. Easy operation.
2. Positive depth stop. Accurate groove depth.
3. Horizontal V-way rollers. No bullet "creep".
4. Positive position stop. Accurate cannelure position.
5. Heavy-duty crankshaft bearings. Long life.
6. Adjusts from .22 to .72 automatically in 2 ranges.



The HCT-3 is intended for use by the home bullet maker or handloader, for about 100-200 soft lead bullets a day. It is not designed or warranted for use on jacketed bullets or for commercial operations. For high production use the PCM-1 power cannelure tool. For low volume canneluring of jacketed bullets, use the HCT-1 cannelure tool. Lubricate the crankshaft bearings before each use with light oil (gun oil). Use of hard bullet materials may damage the knurling roller.