

The design of the Morse Real McCoy[®] one piece bi-metal hole saw with its 7/16" hollow shank arbor is much more versatile than all those other one piece hole saws with their 3/8" solid shank arbors. Here is a tech tip that illustrates one aspect of that versatility:

ENLARGING AN EXISTING HOLE WITH THE REAL McCOY[®] HOLE SAW

Ever cut a hole with a hole saw only to find out that it's too small for what you intended? How do you correct the mistake and make the hole larger? You can't simply use the larger hole saw because there is nothing to hold the point of the 1/4" pilot drill.

HERE'S HOW TO DO THE JOB.

- First, you need two hole saws; one, which is the size of the incorrect hole, and one the size of the enlarged hole you need.
- On the smaller hole saw, loosen the pilot drill set screw and adjust the drill so that about one inch of the drill shank projects from the shank end of the hole saw arbor, then re-tighten the set screw.
- On the larger hole saw, loosen the pilot drill set screw and remove the pilot drill.
- Insert the smaller hole saw into the larger hole saw by pushing the extended shank of the pilot drill into the pilot drill hole of the larger hole saw. Tighten the larger hole saw set screw.
- With this configuration, you end up with one hole saw mounted inside another hole saw. The smaller hole saw acts as the pilot for the larger hole saw.

