

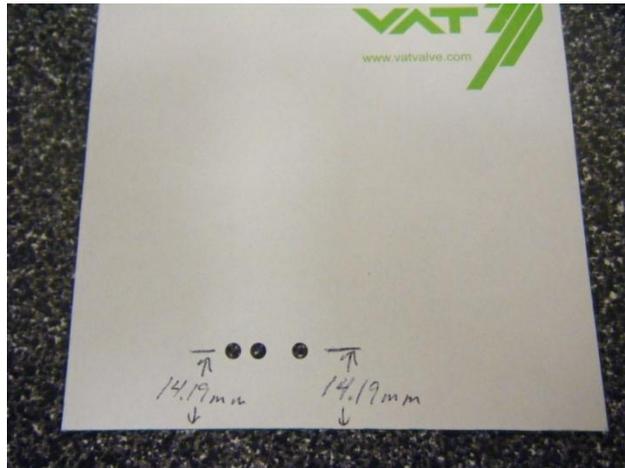
# Precisely Locating the Center of a Sample Punched with the Model 310

## Purpose

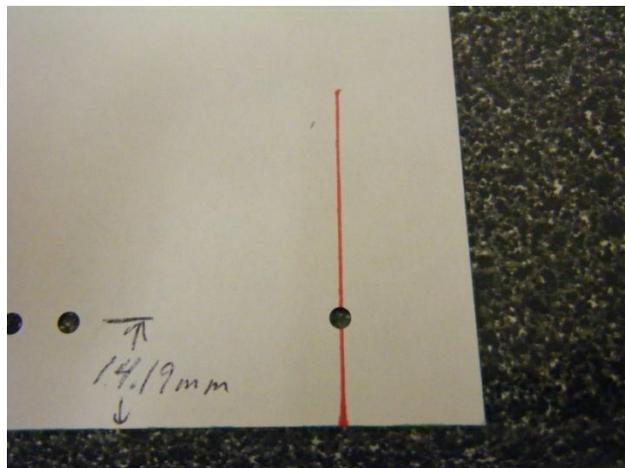
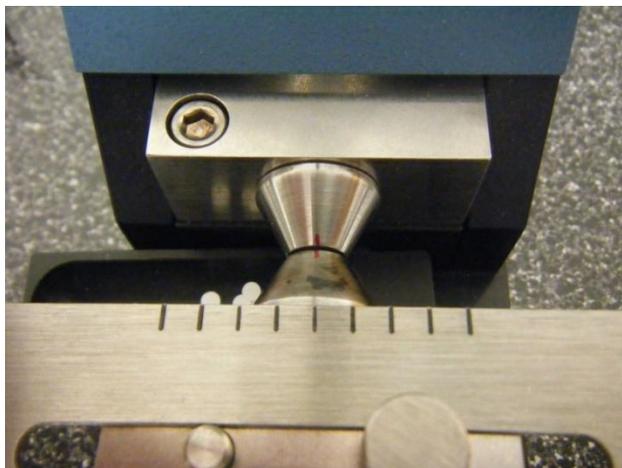
Often it is desired to put a specific area of a sample at the center of a punched disc or the dimensions of the foil is very close to that of the dimension of the disk to be punched and you want to avoid missing the sample. A method is outlined here for establishing the center of the punched disc using the Model 310 Disc Punch. With a little practice with the procedure outline in this note, the desired sample area can be achieved by punching the disk.

## Procedure

Take either a Post-it™ note or a piece of note paper and using the model 310, punch a series of holes along the bottom edge. You can measure the height to draw a line on another sheet of paper or Post-it™ or you can use the piece of paper with the series of hole to continue. Draw a horizontal line at the distance from the bottom across the sheet of paper that you will use.



Put a mark on the top of the punch and draw a vertical line on the paper. Align the vertical line on the paper and verify that the mark on the punch will go through the center of the vertical line if it is aligned with it and then punched.



Draw a vertical line where the sample will be placed. Use tape Post-it™ tape on regular paper or the adhesive side of the Post-it™ note to hold the sample with the desired center of the sample at the cross hair that was drawn on the paper. Carefully position the vertical line with the center of the punch of the model 310 and activate the lever to punch the sample. Collect the sample from the sample collection trough. Repeated samples can be done using the same sheet of paper or Post-it™ note.

