

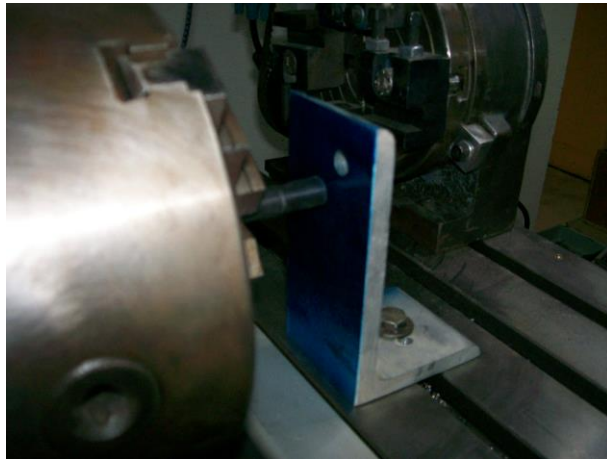
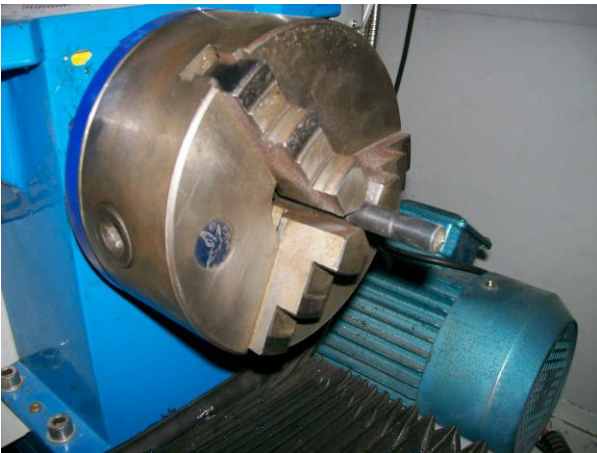
# MAKING A TOOL HEIGHT GAUGE

Over the years we have had people ask about how to set their lathe tools to the center line of the spindle. Surprisingly, many solutions were highly complex and required special measuring tools etc. Following is a quick and simple solution.

1. Find yourself a piece of angle about 4-5" tall, clean both surfaces and spray the taller portion with machinist blue. Drill a hole in the short leg for a T nut bolt.



2. Now use a good round center punch, like a transfer punch and put it in your lathe chuck. Clamp your angle piece to the table parallel with the face of your chuck.



3. Move your carriage up until the center punch has a good contact on the angle and then move your cross slide across the part to scribe a nice line. You now have a nice permanent gauge that can be used to quickly adjust your tools to the lathe centerline.

