

I often use aluminum sheet 1.2 mm thick, a small round contour is milled somewhere on the edge of the raw material, preferably at a suitable integer position

MDI G01 X112 Y-174 F50 e.g.

resulting from the previous CamPY application the latest approximate position is stored in file tool.tbl

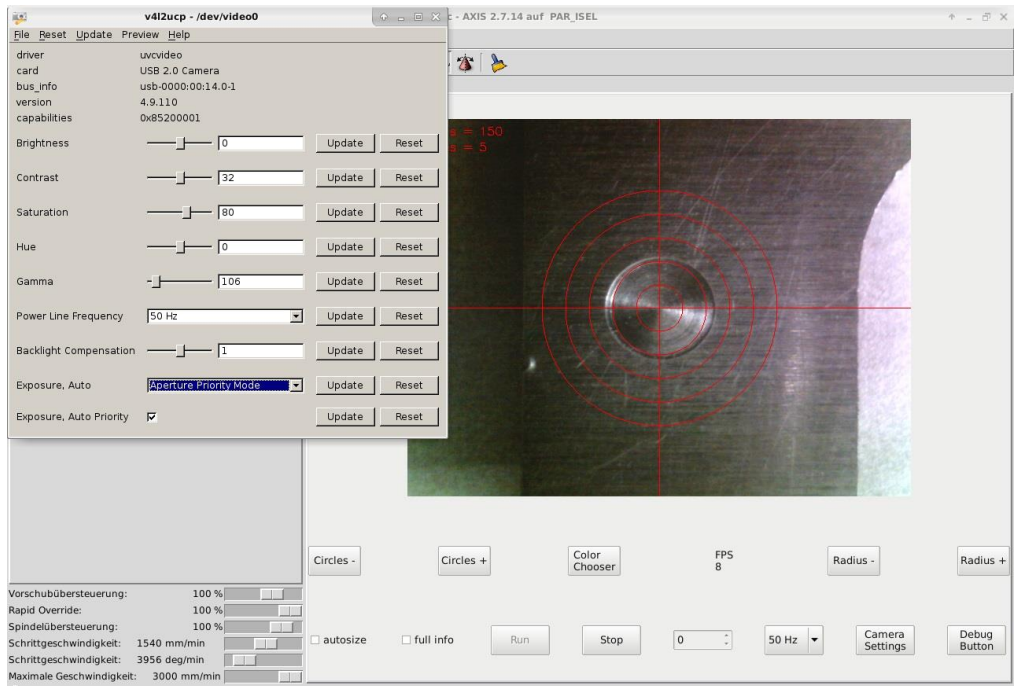
T99 P40 X-107.88 Y-52.2 Z-17.767000 D0.2 ;Camera

MDI command `o<spindle_to_cam>call` moves the camera to the milled contour  
this position is now being checked and manually improved in file tool.tbl if necessary

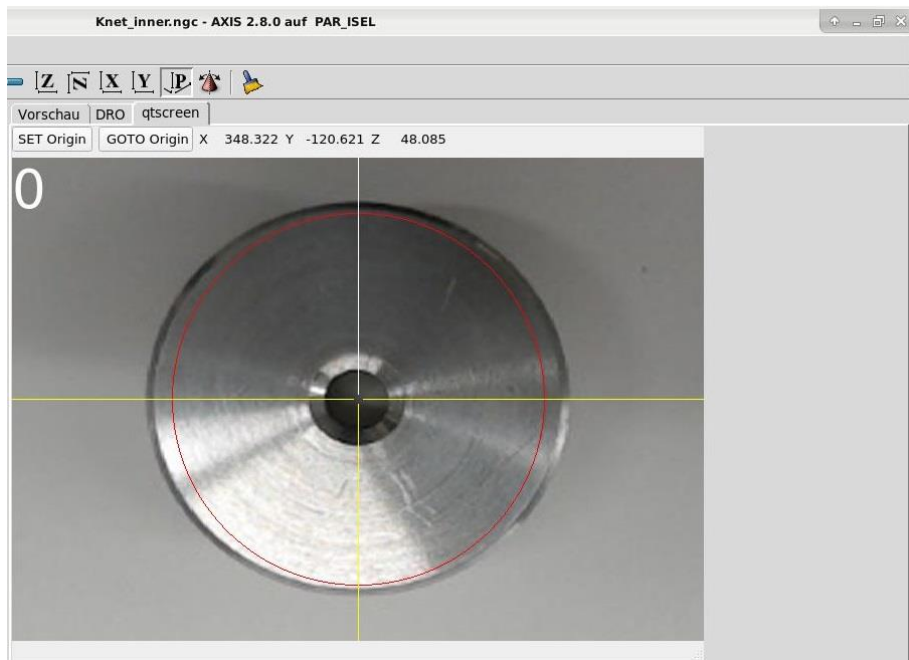
as long as the camera is not remounted we can repeat the commands

MDI command `o<cam_to_spindle>call`

MDI command `o<spindle_to_cam>call`



I often digitize several different positions for import into CAD CAM



possibly desirable:

image size scalable to camera resolution to make the circle fit horizontally and vertically to a round contour

store and recall of some individual settings