

This project has two parts. In this first part, the goal is to develop a part program for the drawing shown on this page. Second part will require modification of the completed program because of some engineering changes. Use two tools - for the purpose of this project, use T01 = $\varnothing 1.0$ for roughing and T02 = $\varnothing 0.75$ for finishing. The part is intentionally simple - its purpose is to develop an understanding of some advanced programming techniques. This first project uses cutter radius offset in a normal way, the second project will be more advanced. In both programs, specify the suggested setting values of all radius offsets to the CNC operator. The objective is to make a part program that is flexible enough to maintain the specified tolerances during machining.

