

This project explores a typical machining pattern, symmetrical to one or two axes. In such cases, the *mirror image* function of the control system is applied. In this project, toolpath symmetrical in all quadrants is machined.

➡ Develop program 04126, adhering to the following conditions:

1. Rough, finish and chamfer the upper right slot, then mirror the toolpath to machine the remaining three slots - use subprogram(-s) as necessary
2. Tool 3 is a $\varnothing 0.25$ center cutting end mill - use it for roughing and finishing
3. Tool 19 is a $\varnothing 0.375$ chamfering tool (45°) - use it to chamfer the top contours
4. For this project, use the following mirror image miscellaneous functions:

M21 - X-axis mirror function ON

M22 - Y-axis mirror function ON

M23 - Mirror function OFF

