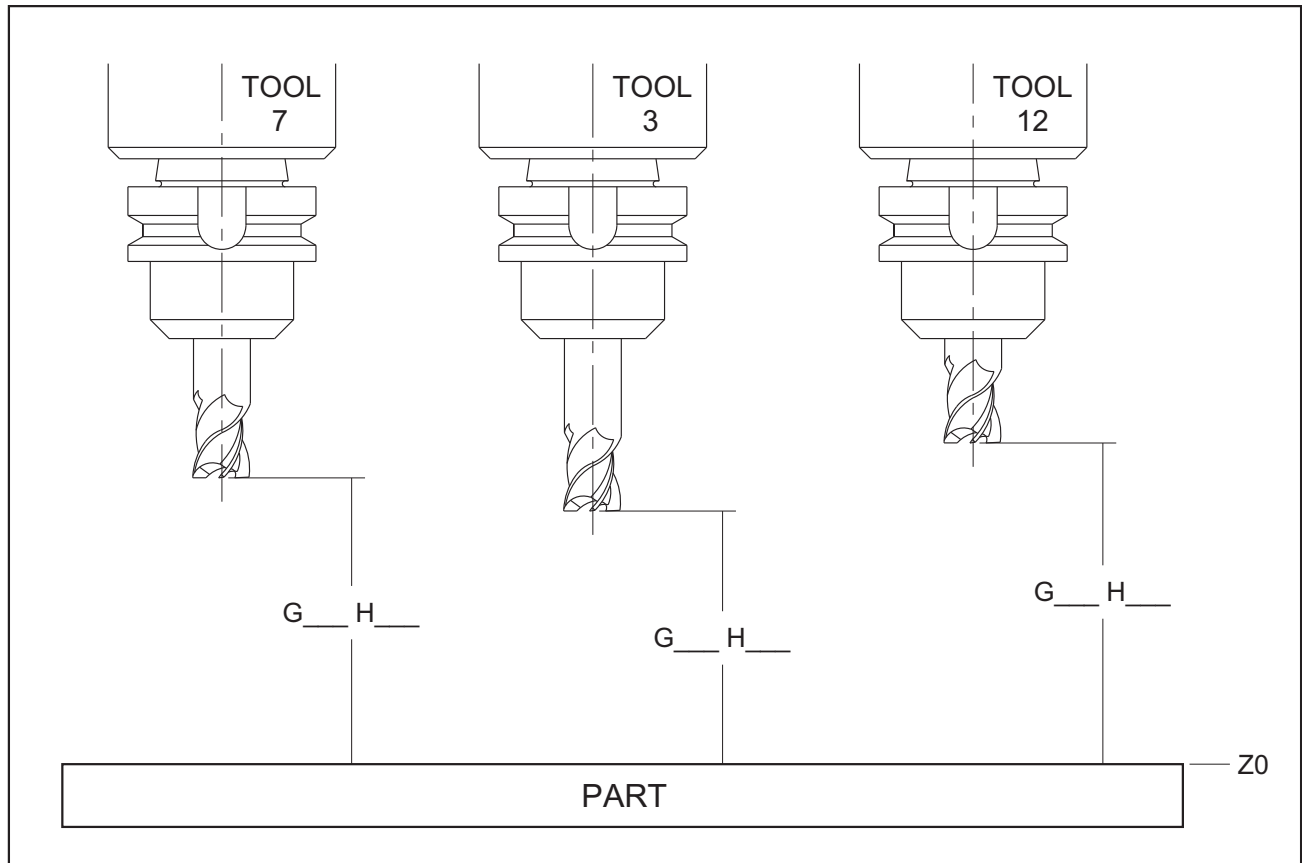


There are three tools shown below, each tool is numbered. The objective of this exercise is to review general identification of tools for touch-off type tool length offset programming and machine setting.



➡ To complete this project, follow the following instructions:

1. Fill-in the G-- command for each tool
2. Fill-in each H-- function for each tool (consider tool numbers)
3. Draw a single arrow for each tool length to indicate the setting direction
4. If the tool length offset for tool 3 is 450 mm, for example, provide a *reasonable* tool length for tools 7 and 12 (within 60 mm range)