CAM Configuration

The Elko Engineering Garage has pre-set tool libraries and machine configurations. These help to quickly and reliably generate CAM operations.

> ⚠️ **Google Apps Sign-in Required**
>
> You must sign-in to your ualberta google apps account to download these files.

Tool Libraries

The Elko Engineering Garage tool libraries are related to the tool function and material. The tool numbers in the tool library match the tool number on the machine. Fusion 360 and HSMWorks use the same tool library files.

How to import Tool Libraries to Fusion 360

Tool	Tool Library File	Last File Update
General Use		Dec. 2021
End Mills for Aluminum		Dec. 2020
End Mills for Steel		Dec. 2020
Fractional Drills		Dec. 2020
Numeric Drills		Dec. 2020

Machine Libraries

Machine configurations allow CAM to recognize the limitations of the CNC mill that the CAM operations are prepared for. Examples of this include travel limits and spindle speed limits. Fusion 360 and HSMWorks use the same machine configuration files but have different installation instructions.

How to import Machine Configurations to Fusion 360

Machine	Machine Configuration
Tormach PCNC 770	
Tormach PCNC 1100	