

Turners Cube Class

Class Session One

- Introduction to the Tormach
- Setup the machine
 - Zeroing machining
 - Checking tool offsets
- Setup and fixture material in the vise. Discuss other fixture alternatives
 - Settings machine coordinate system
- Roughing stock to a set size
- Machine shutdown

Class Session Two

- Fusion 360 Intro
- Feeds and Speeds into and high level do's and do not's
- CAM intro using a pre-prepared file
- If time allows we will start milling our blocks

Class Session Three and Four

- Mill time. Everyone will setup the machine from scratch and shutdown the machine
- Everyone will fixture their part, measure their part and mill their part

Recommended Tools

- Calipers – Mitutoyo-500-196-20 or similar (40-80 on ebay)
- End mills - 1/8, 1/4, 1/2 in from lakeshore. Not required, but you will always have the tool you need.
- Set screen collets for your own tools. https://www.tormach.com/store/index.php?app=ecom&ns=catshow&ref=Set_Screw_Holders&portrelay=1 3 2.95 each