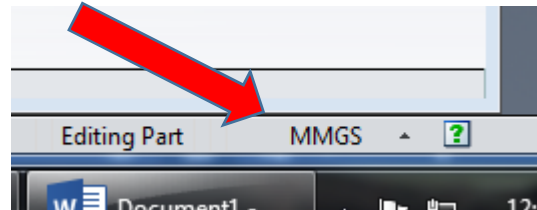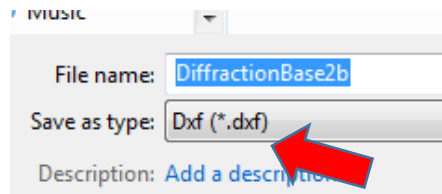# Transferring Your Solidworks drawings to the Laser Cutter:
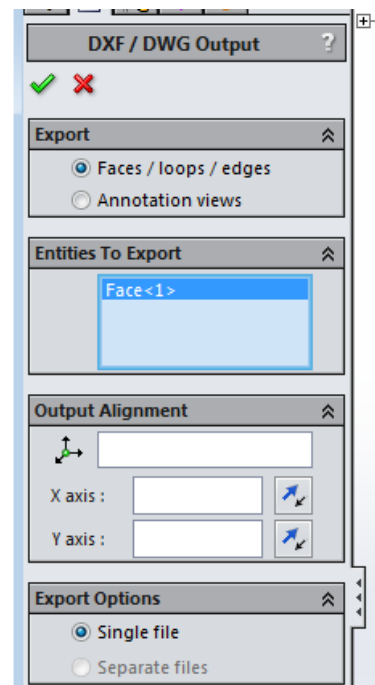
**In Solidworks:**

1. MAKE SURE YOUR FILE IS IN MILLIMETERS. At the bottom right of your screen should read "MMGS", not "IPS".
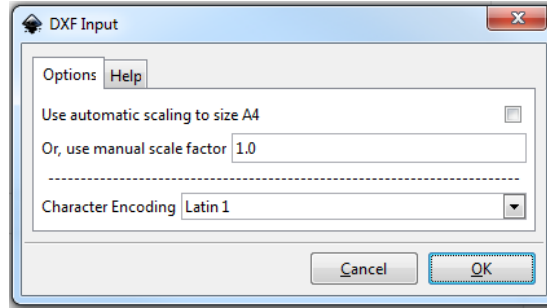
2. "Save As..." .dxf file.

3. Select "Faces/Loops/edges"

4. "Entities to Export", click on the face to export

5. Click green check button, then "OK", then "SAVE".
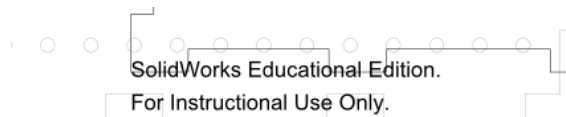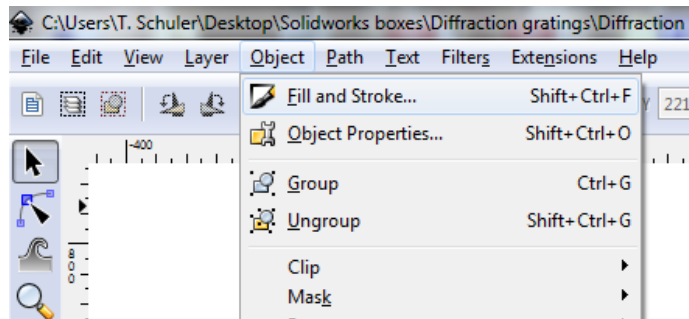
## In Inkscape

1. Drag your new .dxf file into Inkscape.

2. Make sure that the "Use automatic scaling..." box is empty (unchecked).

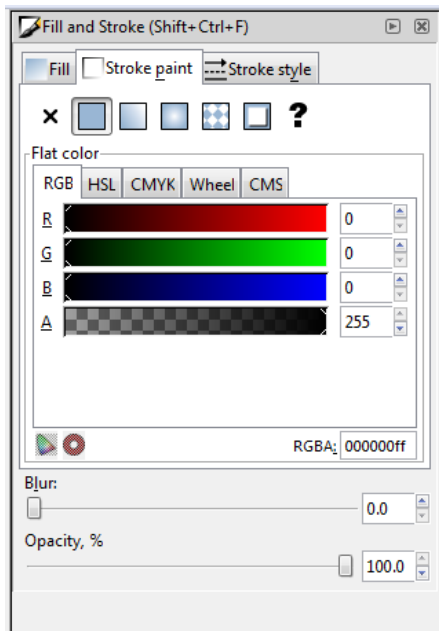3. "Use Manual Scale Factor" should be 1.0

4. Click "OK"

5. Remove the damn annoying Solidworks text.

6. Highlight everything and select "Object -> Fill and Stroke"

7. Stroke Paint = 0, 0, 0, 255 (black)          8. Stroke Width = 0.003mm