



Rotary Tools

Thinking about starting a new hobby like jewelry design? Helping out with personalized favors for a celebration? Eager to get started in the Maker world? Handheld rotary tools can be used for a variety of creative projects, from engraving leather to etching glass to sculpting wood and stone. Their small size, easy manipulation and versatility make these tools a great entry point into using small power tools.

Getting Started – Safety First!



Safety is paramount when using a rotary tool. Safety goggles **MUST** be worn when cutting, engraving, etching or sanding.



A dust mask is **HIGHLY** recommended for sanding work.



Safety gloves are **HIGHLY** recommended.



Also, when possible, use clamps to secure work to a table.

IMPORTANT! Before you begin any project with the Dremel 3000, you **MUST** speak with a Library Staffer to determine any and all safety measures.

Next Steps

Step 1: Consult YouTube Videos

If you are new to rotary tools, watch the demo and instructional videos included in this guide before using the tool.

Step 2: Find a Beginner Project

Select a manageable - and fun! – project. Some beginner projects are linked on this guide. As you become more familiar with the tool and bits, you will be able to search for more involved projects on the internet.

Step 3: Complete an online Idea Lab Appointment Form

Set up a time to meet with the Idea Lab Staffer to discuss your project ideas.

Step 4: Choose the Correct Accessory Bit

Before you begin, determine the needs for your project and select the appropriate Dremel accessory bit(s). *Will you be polishing, sanding, etching, cutting, or engraving?* Using the correct bit is critical to safety, the tool's maintenance, and achieving your creative goals. Consult the accompanying *Dremel 300 Bits* document on the website for your selection.

Step 5: Practice on Scrap Material

Use a scrap piece of material to get the feel of the rotary tool and how much pressure to apply. (*ex. If you are etching a glass, have a spare to use as a test piece*).



Beginner Project Examples



[Engraved Candle](#)



[Starry Night Constellation Box](#)



[Engraved Tree Ring Coasters](#)

[Home Depot: Using Dremel Tool for Pumpkin Carving](#)



[Rotary Tools: How To](#)



Online Resources

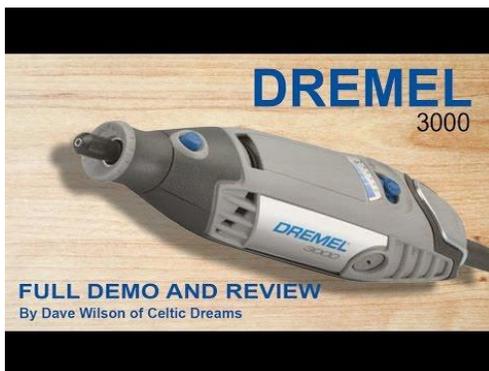
[Home Depot: How to Use a Rotary Tool](#)

[Dremel Sponsored Maker Projects](#)

[Carving Rocks using Dremel bit #84922](#)

YouTube Videos

[Dremel 3000 Unboxing and Demo](#)



Share Your Progress

Be sure to take photos and/or short videos and email them to rdonovan@southboroughma.com so we can post them on our Facebook and Twitter pages. Use hashtag #sblibIdeaLab.