



Wood Threading Kits G1866-G1871

The Grizzly Wood Threading Kit is versatile and very simple to use. With it, you can create a wide array of practical and ornamental crafts - the possibilities are as broad as your imagination.

We have included this Instruction Sheet to acquaint you with the Threading Kit's basic use. Once you get the feel for the tool, you'll soon be finding many ways to put this clever kit to work. Here's how it works:

Threading a Shaft

1. Choose or make a dowel of the thickness you desire to thread.
2. Secure the dowel upright in a bench vise, or clamp upright.
3. Mount the die on top of the dowel. Turn the die clockwise using firm, even pressure until you have the desired amount of threads in the shaft. You may find threading easier if you file a slight bevel at the tip of your shaft, prior to mounting the die.
4. Once you have created the desired amount of thread, turn the die counterclockwise to remove.

Drilling and tapping a hole

1. Drill a hole in your workpiece approximately $\frac{1}{8}$ " smaller than the tap size you are using. You may find that certain woods require some experimentation to find the ideal hole size for your tap, in order to get clean, consistent threads.
2. Secure the workpiece in a bench vise or clamp it near the edge of a bench, so the tap can go all the way through the hole, if necessary.
3. Turn the tap clockwise until the hole is completely threaded. Turn the tap counter clockwise to remove.

Note: Store-bought dowels are often nominal size, ie., those labeled $\frac{3}{4}$ are often slightly less....or they may be metric. Expect a certain amount of trial-and-error in finding materials which are perfectly matched to your needs. Also keep in mind that many commercially-made dowels are soft hardwoods, such as birch - and can be less-than-perfect for making strong, clean threads.