



TIMBERBITS

HELPING YOU CREATE WITH WOOD

Microplane Grater / Vegetable Peeler

Tools Needed:

- Lathe
- Ruler or calipers to measure the threaded shaft
- Drill bit to suit thread diameter (can be drilled on the lathe or by drill press)
- 3/8" tap and tap wrench
- Turning chisels (recommended: roughing gouge, spindle gouge, parting tool, and skew chisel)
- Finish (recommended: food-safe finish such as EEE and Shellawax Glow, or alternatives like tung oil and wax)
- Chuck (optional, but can be turned between centres)

Specifications:

- **Microplane Grater:** Thread size: 3/8" / Bolster diameter: 5/8"
- **Vegetable Peeler:** Thread size: 3/8" / Stud length: 12.5mm

Instructions:

1. Design and Measure:

- Plan your handle design and determine its length. A comfortable grip is important as these tools are used frequently.
- For the vegetable peeler, a pen blank or timber approximately 25x25mm works well. For the microplane grater, use timber approximately 30x30mm to accommodate the longer grating motion.
- Both kits use a 3/8" thread. Select a drill bit that matches the tap drill size for a 3/8" thread.

2. Turn the Handle:

- Mount the blank on the lathe and turn it round.
- Turn the handle to your desired shape, keeping ergonomics in mind for a secure, comfortable grip.
- Ensure the end where the tool head will attach is flat and perpendicular.

3. Drill and Tap:

- With the handle still mounted (or using a drill press), drill a hole into the centre of the handle end. For the vegetable peeler, drill to at least 12.5mm deep to accommodate the stud length.
- Using a 3/8" tap and tap wrench, carefully cut threads into the hole. Go slowly and back the tap out regularly to clear debris. A little wax on the tap can help when threading timber.

4. Check and Finish:

- Test fit the tool head by screwing it into the handle. It should thread in smoothly and sit firmly.
- Remove the tool head, sand the handle, and apply your preferred food-safe finish.

5. Assembly:

- Once the finish is fully cured, screw the tool head firmly into the handle.
- No glue is required—the threads hold the tool securely in place.

Enjoy your custom-made kitchen tool!