**Thin Vase**

**By Paul Coppinger**

**Abstract**

**A thin vase will be turned from dimensioned lumber or a turning blank. A tenon will be formed between centers, then the blank will be mounted in a chuck to drill a small hole for a dry flower and to shape the vase. Finally a vacuum system with vacuum chuck will hold the shaped vase to contour the sides.**

**Equipment**

* **Bowl Gouge**
* **Parting Tool**
* **Handsaw, Powered Miter Saw or Bandsaw**
* **Spindle Detail Gouge with aggressive grind**

**Insert photo of spindle gouge**

* **Chuck with #3 Jaws**
* **1/4” drill bit**
* **Vacuum System and Chuck**

**Material: 6”x6”x2” Wood Block**

**Procedure**

**Draw diagonals to find center and mark.**

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**Using a Miter Saw, cut 2 opposite corners off.**

**Draw diagonals across cutoffs to find center and mark.**

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**Mount on lathe between drive center and live center.**

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**Turn a tenon approximately 2” diam.**

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**Mount tenon in chuck using live center to orient.**

**Drill hole in end to about 4” deep.**

**Using a bowl gouge, shape the neck to about 3/8” diam.**

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**Using a bowl gouge, take very light cuts on the edge to shape the vase between the foot and neck. The foot should be about 3” long.**

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**Using a vacuum chuck, align the shaped vase using the live center and the diagonal divot.**

**Using an aggressive detail spindle gouge, shape a gentle curve from the center to the foot & neck with a push cut. The edge of the cut should blend, not cut into the 3/8” neck.**

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**Mount the other side with the vacuum chuck using the live center and the diagonal divot.**

**Repeat the detail spindle cut above.**

**Sand to refine the curve of the vase and round the edges.**

**Saw off the foot.**

**Finished Thin Vase**

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