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DRAFT - Kumiko Class Outline

Class Time: 4- hours

Objective: teach the basics of kumiko including structure, making strips, cutting jigumi and making a kumiko pattern (or two)

Tools Required (can be shared by two class participants)

- Kumiko planing jigs (will be provided for class - and available for sale)
- Kumiko cutting jig (provided for class - and available for sale)
- Dozuki - a Japanese drawcut saw with very fine tooth set (0.2 mm)
- Steel Metric Ruler in mm
- Kanna - a Japanese plane or a Small Block Plane
- 1/8" (3mm) chisel
- Small square
- Right-hand marking knife
- Marking gauge

Approximate class timeline:

30min. Introductions and history of kumiko including some traditional patterns

15min discussion of tools and usage

15min discussion of kumiko

- how to measure
- Sizing kumiko strips

30min intro to the dozuki and cutting jig

- How to use the jig
- How to use the dozuki
- Practice cutting

30min creating the jigumi

- Measuring and marking the strips
- Cutting the strips and half-lap joints
- Clearing waste with the chisel
- Assembly of the jigumi

60min making the kumiko

- Using the planning jigs
- Fitting the pattern pieces

60min

- Continued making of initial kumiko
- And/or working on new kumiko pattern

Throughout the class, I will be working with students on techniques and understanding the process. Additionally, I will demonstrate sizing of the kumiko strips with two techniques and also demonstrate the diamond jiguma (mitsukude joint).