

Japanese Carpentry Class Tool List:

- **Chisels**
18 to 24 mm (3/4~1") and 12mm (1/2") are required but bring other various sizes, including slick chisels, if you have them; 48 mm (2") will be very helpful. Any style of chisel will work; of course Japanese would be best.
- **Hand planes**
At least 1 **Japanese smoothing plane** and **1 Japanese scraper plane** (tachiganna). Also associated tools for conditioning the block such as a beveled straight edge.
- **Saws**
1 medium 270mm Ryoba (double-edged) saw: Also a small saw 210mm~240mm crosscut or ryoba for tenon shoulders or a crosscut Dozuki (Japanese Backsaw) will be useful.
- **Sharpening Stones**
Japanese water stones required: **1 medium (1000~1200 grit) and 1 finish stone (minimum 4000 grit)**. Bring other stones that you commonly use such as a course stone (220~600 grit) and any intermediate stones. Stone flattening tools such as a kanaban and sandpaper, bucket for water, etc.
- **Hammers**
1 medium size 375~550g for mortising work. Other size hammers can be useful too.
- **Layout tools**
1 flexible full size Japanese carpenter's square. It can have inch or shyaku measurements and must have a square-root roof framing scale on the back side. Please do not bring a metric square. A machinist's square or a try-square could also be useful. For marking, bring good quality pencils or a Japanese bamboo brush (sumi-sashi) with ink pot (sumi-tsubo). Note: if you are purchasing a new sumitsubo, be sure to get silk and string. A marking gauge might also be useful.
- If you are driving and have room, please bring any other tools that you would normally use.