

Japanese Joinery Class Tool List:

Chisels

18 to 24 mm (3/4~1") and 12mm (1/2") are required but bring other various sizes if you have them; 48 mm (2") and 3~6mm (1/8") will be very helpful. Any style of chisel will work; of course Japanese would be best. Bring at least 1 new Japanese chisel.

Hand planes

Students will get the most from the class if they bring **1 new Japanese smoothing plane** at least 50mm wide (with laminated steel chip breaker). 70mm is standard, but a high quality narrower plane can often be gotten for less money. Western planes can be substituted, but less will be learned. To tune up the smoothing plane you also need **1 Japanese scraper plane** (tachiganna) any size, but if you have a choice, wide is recommended.

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).** Optional: 1 course stone (220~600 grit).

Kanaban

Steel plate for lapping. Min. size approx. 3" X 10" X 1/4" thick. Must be flat and smooth on 1 face. If possible get cold rolled steel (not hardened). Can usually be gotten cheap at a scrap steelyard. Important: Take a straight edge along and get a flat one. (There will be some available for use and/or purchase at the class.)

Anvil

Any chunk of metal that is soft (not hardened) big enough to be stable with a rounded corner at least 1~2" wide.

220 grit wet dry sandpaper- at least 2 or 3 sheets.

Small water bucket

Hammers

1 medium size 375~550g & 1 small size 100~250g. These can be any style, but an octagonal head is useful for the small one. Claw hammers are difficult to use.

Miscellaneous

Pencil, square, **1 straight edge minimum 12" long (beveled is preferred)** & a small round or 1/2 round metal file, rags. If you are driving and have room, please bring any other tools that you would normally use.

