

Japanese Basic Tool Class - Tool List:

- **Chisels:** **12 mm (1/2") is required** but bring other various sizes if you have them; 36 mm (1 7/16") will be very helpful. Bring a 3~6mm (1/8") for trimming the plane block if you have it. Any brand of chisel will work; of course Japanese would be best. Bring at least 1 new Japanese chisel. If you have a few other sizes of chisels, even Western chisels, please bring them.
- **Hand planes:** Please bring **1 new Japanese smoothing plane** at least 50mm wide. The plane should have a laminated steel chip breaker. 70mm is standard and most useful, 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. If you have a choice of sizes, wide is recommended. Note: this is an actual plane with a wooden block, not a hand held blade.
- **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: At least **1 medium (1000~1200 grit) and 1 finish stone (minimum 4000 grit)**. Optional: 1 course stone (220~600 grit). Double sided combination stones are not recommended.
- **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 or purchase at the class.*
- **Anvil:** Any chunk of metal that is soft (not hardened), mild steel, brass or bronze. It should be big enough to be stable and have a rounded corner about 1~2" wide. *There will be a couple available to use at the class.*
- **220 grit wet dry sandpaper- at least 2 or 3 sheets.**
- Small water bucket. *There will extras to use.*
- **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 machinest style 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 hand tools that you would normally use.

Note: Minimum required tools are colored Yellow. It is wise to start early procuring these tools. Please see the Greeting letter for more information.