

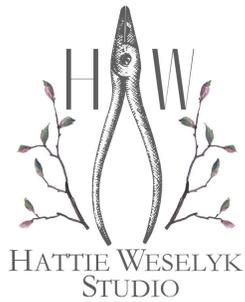


Metal Jewelry Tool List for Students

This outlines the essential tools for the beginner metal jewelry student and are Hattie's most commonly used in her classes. It does not include lathe polishing and soldering equipment as such techniques require experience and proper training by an instructor. The following items may be purchased at riogrande.com Please ask about our student discount!

*Items with a * are not essential but very useful and nice to have.*

Bench Tools	Item #
Planishing Hammer *	112402
4 oz Ball Peen Hammer- Basic	119333
Chasing Hammer	112225
Cross Peen/Riveting Hammer*	112226
Rawhide Mallet, weighted	112204
Chain Nose Pliers	111911
Round Nose Pliers	111820
Wire Cutters, flush cut	Local Hardware
Hand file (1) half round profile to start- You will use both sides	114931
File Set for Silver Work*	114854
Needle File Set, Basic	114556
Steel Bench Block*	115315
Wood Bench Pin & Anvil	110014
Jewelers Sawframe & Blades	110112
Ring Clamp	113105
Measuring- Calipers	115189
Metric Steel 6" Ruler (millimeters)	Local hardware



Center Punch/Awl	118117
Metal Shears/Snips	111232
Steel Ring Mandrel	112322
Bracelet Mandrel	112383
Disc Cutter & Brass Mallet*	112509,112330
Dapping Block & Punch Set*	112930
Sandpaper in assorted grits 220, 400, 600, 800 (make own sanding sticks)	Local hardware
"Green Sandpaper" 3M 30 micron finishing film	
Rock Tumbler for Polishing w stainless steel mixed shot	202209
Flexshaft Motor with No. 30 handpiece*	117095
Flexshaft Motor Stand *	117261

****Pre Assembled Kits are also available for your convenience. Please visit riogrande.com to explore options.***

The list of tools goes on and on and on. The above list of tools you will use often and you may never need to expand, allowing you to create TONS of pieces for many years. Welcome to the exciting world of Metal Jewelry!