WARNING
Surfaces are HOT!

Directions for “Brown” press on left.

One specimen at a time!

Remove cap, close the valve, pump the handle to raise the stage.
Place specimen on center of stage

Open the valve allowing the stage to recede fully

Place a small amount of FINE compound over specimen (~1/8 scoop)

Place about ¾ scoop of COARSE compound over the specimen

Replace cap, close valve,
increase pressure to “????” mark for 30 seconds
Increase pressure to “????” for 6 minutes
Open valve
Remove cap
Pump the handle to remove specimen
WARNING: it will be HOT!
Place specimen on stage.

Open valve, allow stage to drop
Place small amount of FINE (~1/8 scoop)

Directions for “White” press on the right

WARNING: HOT SURFACE!

This can do 2 broken Charpy bar sized specimens

Place PRE-PACKED insert into the press

Place steel spacer (disk) into the press, make sure it lays flat

Place next specimen into the press. Repeat filling:
~1/8 scoop FINE
PRE-PACKED insert

Then replace cap,
Pressurize to ???? for 30 sec.
Pressure to ???? for 7-8 minutes
Remove cap,
Pump to raise the stage
HOT!
Chamfer the edges  RINSE in water!!!  Proceed to grinding, start with 240, RINSE, 300, RINSE, 400, RINSE, 600 RINSE!

After grinding – rinse and polish.

Again, rinse with water, then proceed to etching. Place steel specimen in NITAL (nitric acid and alcohol) for about 10 seconds – then rinse well in water, then rinse with alcohol, then blow dry – all in quick succession! Then onto the microscopes….