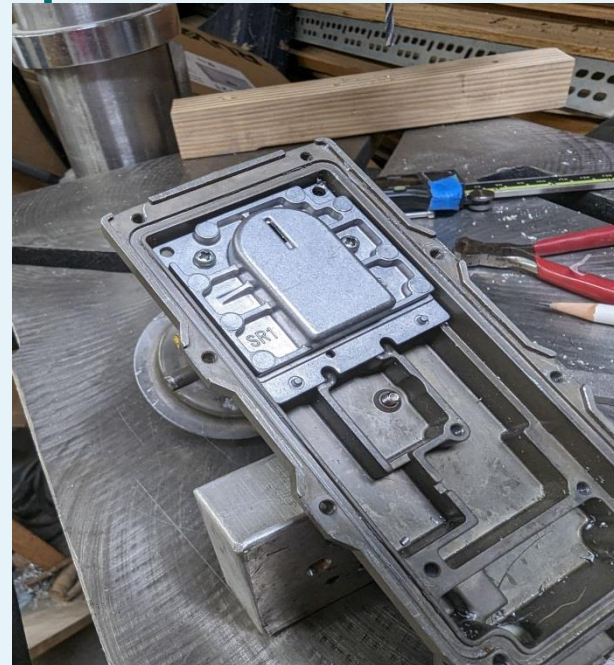


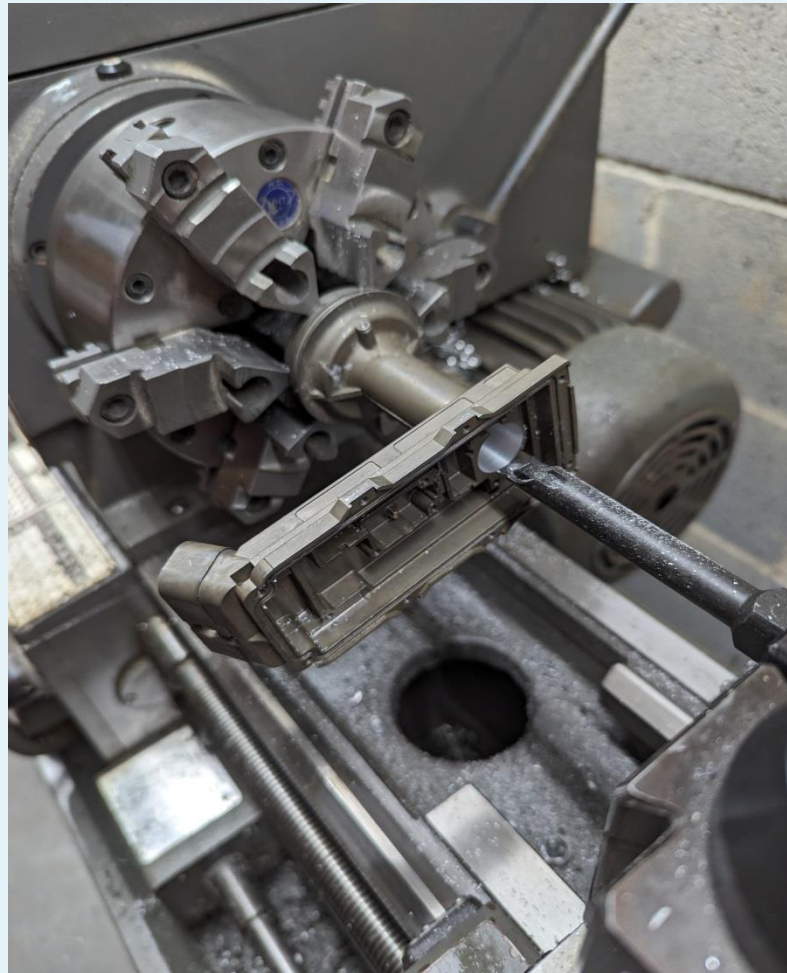
Steps to convert DSS LNA to 10.368 Feed Horn

Find a used LNA from a single feed
DSS TV Dish

- Remove rear shield
- Remove PC Board
- Remove the cover back plate



- Bore out waveguide to .750"



Note from W1GHZ – this is dangerous for beginners!

- Made a new back stop.



- Drill and tap for SMA Probe
- Probe modified later



- Drill and tap 2mm for tuning screws



- Trim teflon so .346" protrude and attach to Feed Horn



- Install 2MM tuning screws



- Feed signal from transverter or signal generator thru directional coupler to measure reflected power.
- Attach RF detector to coupler output
- Attach detector to mV meter.
- Adjust screws to lowest reading
- Lock screws with jam nut.

