Valve Body (Brass)

- Inlet
- Seat to be flamed by screwing in jet screw (jet screw must be harder than body metal)
- Thread to match jet screw
- Outlet
- This diameter to match "O" ring on jet screw
- Need match as slightly undersize for compression
- This diameter to match the point 1/2 the distance of the "needle part of jet screw" see "jet screw" drawing

Carb Jet Needle

- Drill hole in valve body to diameter of mid-point on valve "needle" (smallest diameter hole)
- Turn portion of threads down to fit "O" ring to prevent backflow