

CNC Turning

Lovejoy has embraced CNC turning technologies since the late '70's. Extensive experience with numerous cutting materials and processes allows on-machine manufacturing to extremely tight tolerances and super-fine microfinishes.

Materials machined include: Aluminum, Brass, Copper, Beryllium Copper, Carbon Steel, Alloy Steel, Stainless Steel (300 series, 400 series, Precipitation Hardened), Stressproof, Fatigueproof, Monel, Kovar, Plastics (Delrin, Nylon, Teflon, Kel-F, Peek and Vespel), Castings, and High Temperature aerospace alloys

Lovejoy's CNC turning capabilities embrace the latest technologies available:

- **Bar capacity to 2 5/8" dia.**
- **Chucking capacity to 6" dia.**
- **Multi-axis machining: X, Y, Z and C-axis capability**
- **Powered attachments for multi-operational machining**
- **High Pressure Coolant systems for rapid "chip-less" machining**
- **Auto-bar loaders for Unattended and Lights-Out Manufacturing**
- **DNC Network for automatic upload and download of program files**
- **Tool presetting capabilities for ultra quick change over**
- **Computerized off-line machine monitoring and control**