MANUFACTURING CAPABILITIES:

- Finished outside diameters from $\frac{5}{8}"$ to 10"; lengths from 5" to 60"
- Finished inside diameters
  - Hardened Steel – $\frac{1}{2}"$ ID up to 4"; from $3\frac{3}{8}"$ ID up to 14"
  - Bronze Plated Steel – $\frac{1}{2}"$ ID up to 4"; from 4½" ID to 9" length
  - Solid Bronze (w/wo graphite plugs) – $\frac{1}{4}"$ ID to 4" length; from 6½" ID to 7½" length
  - Tolerance capabilities determined by ratio of diameter to length
- 3-Axis milling with part lengths up to 48"
- 5-Axis prismatic machining
- Surface grinding steel up to 96" length x 17" wide
- Hard turning
  - Maximum outside diameter: 3¾"
  - Minimum inside diameter: $\frac{1}{4}"
- Heat Treating – alloy and low carbon steels up to 62 HRC
  (size and carbon content dependent)
- Induction hardening
  - 1050 steel, up to 5¼" diameter and hardened to 58/62 HRC
  - 52100 steel, up to 3¾" diameter and hardened to 58/62 HRC
- Details from a variety of tool steels (for example: A2, S7, D2, H13, O6)
- Plating Services Available:
  - Copper Bronze Plating up to .024 in thickness
  - Flash Bronze Plating up to .001 in thickness