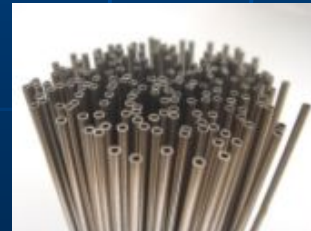
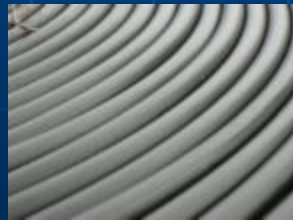


# ***TUBE FAB/ROMAN ENGINEERING***

## ***CUSTOM TUBE CUTTING***

- Over 70 cutting machines available
- Burr free "snap" and "rotary" cutting
- Full line of custom chamfers/end treatments
  - Knurling, Grooving, Serrations', Bullet Nose Tubes, Hose Barbs, Etc.
- Experts in standard or custom applications



# ***TUBE FAB/ROMAN ENGINEERING***

## ***TUBE FABRICATION & ASSEMBLIES***

- **End Forming** — Beading, Swaging, Flaring, Flanging, O-ring Grooving
- **Bending** — Pneumatic, Hydraulic, Rotary Draw, CNC, Dedicated Equip
- **Finishing** — Washing, Burnishing, Centerless Grinding, O.D. Finishing, Etc
- **Assembly** — Tubes to Fittings, Stampings, Brackets, Tube to Tube, Etc
- **From Concept to Finished Product**



# TUBE FAB/ROMAN ENGINEERING CAPABILITIES

## Tubing Size Range & Materials:

- **O.D.'s:** 1/16" to 3"
- **Wall:** .011" to .250"
- **Lengths:** .065" to 120"
- **Materials:** Low Carbon, Stainless Steel, Copper, Brass, Aluminum; others upon request

## Additional Fab & End Forming:

- Notching
- Hole Punching
- Slotting
- Knurling
- Projection Welding
- Serration
- Swaging
- Flanging
- O-Ring Grooving



# ***THE TUBE FAB ADVANTAGE***

- Toolmakers on staff
  - Design and build tooling in-house
  - Reduces cost
  - Reduces lead-time
  - Flexibility to meet timing requirements
- Experience in demanding applications since 1970
- In-house engineering resources
  - Complete product development
  - Concept to finished product
- Application of automation
  - Reducing production costs
  - Eliminating secondary operations
- Superior dimensional control
- Can meet high or low volume needs
- ISO 9001:2000 certified

