

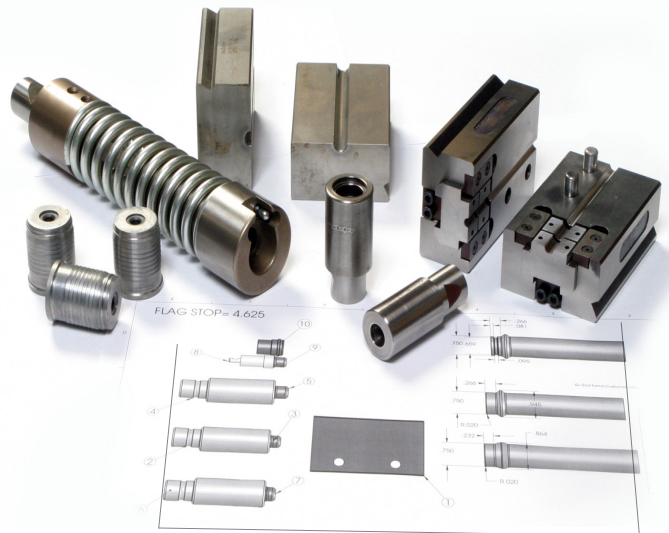


# Endform Tooling & Process Development

Designers and Manufacturers of Machines • Tools • Fixtures • Test Equipment



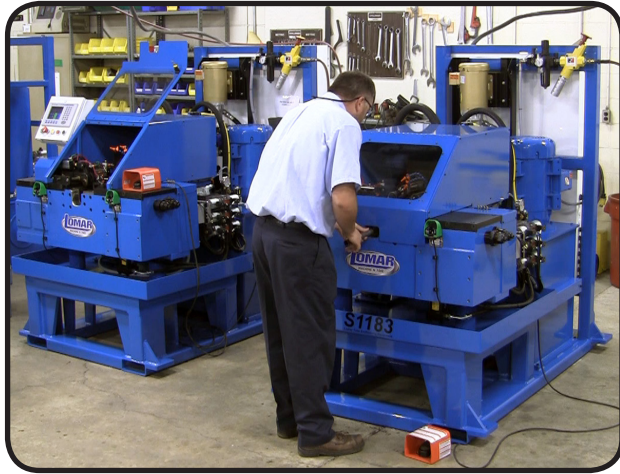
- Single or Multiple Hits
- Secondary Clamp
- Roll Forming / Cutting
- Special Applications



- Tools designed per your specifications.
- Tool drawings, set-up information & part progressions.
- Concept drawings, FMEA, Capability studies.
- Eliminate braze joints & machining processes.



# Endforming Solutions



Lomar has a dedicated tooling development area set up specifically for tool try-outs. Our dedicated development staff will start with your endform drawing and provide tooling to produce that endform in your existing machine or one of Lomar's endformers.

## Tooling Development Services:

1. Tools designed & built to produce the endform per your print.
2. Ability to eliminate potential leak paths & decrease production costs by designing endform tooling to produce an endform configuration to replace a brazed component.
3. Development engineers will evaluate your endform to determine the feasibility of manufacturing using ram endform techniques prior to design of tooling.
4. Design FMEA.
5. Progression prints.
6. Full set of tool drawings & set-up information.
7. Capability studies.



To help us provide an accurate quote for your endforming application, please reference the check list for information.

### Check List

- ☐ **Endform Specification**  
(i.e. SAE, Ford, GM)
- ☐ **Endform Print**
- ☐ **Material Specifications**
- ☐ **Tube Diameter**
- ☐ **Wall Thickness**
- ☐ **Component Print**  
(i.e. block, ferrule, coupling, ect.)
- ☐ **Machine Make/Model #**  
(tooling to be designed for)
- ☐ **Assembly Print**  
(If applicable)



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