



## Precision Stamping and Multislide Forming

### Precision Stamping

- Press size: 25; 35; 45; 60 Ton
- Multi-slide Models: 00, 700, 3F, Baird, 1100
- Progressive Tool & Die
- In-Die Tapping
- In-Die Assembly
- Small Draw
- Two-Up Tool Yield

### Multi-slide Forming: Advantages

- Lower tooling costs for formed components
- More complex forms including multiple bends beyond 90 degrees, cylindrical forms and tapped holes
- Design changes more “efficiently” incorporated
- Saves on material – less scrap

### Material Alloys

Stainless	Aluminum	High-Temp	Red Metals	Specialties
301-HY	6061	Kovar	Copper	Low & High Carbon
304	7075	Inconel	Brass	In-Lay, Over-Lay
316	1100	Alloy 42	Phos Bronze	Plated Steel
420	5052	Alloy 52		
430				

### Material Size Range

	Min. Inch	Max. Inch	Min. (mm)	Max. (mm)
Thickness	.0025	.120	.0635	3.048
Width	.093	8.00	2.362	203.2
Wire Diameter	.004	.187	.1016	4.750

### Beyond Part Manufacturing: Value Added Services

Design & Engineering Support	In-House Finishing	Logistics Services	Collaboration Services
<ul style="list-style-type: none"> <li>• AutoCAD integrated with EDM</li> <li>• Prototyping to test fit &amp; function</li> <li>• Manufacturability assessment</li> </ul>	<ul style="list-style-type: none"> <li>• Ultrasonic, closed loop, aqueous cleaning system</li> <li>• Vibratory tumbling</li> </ul>	<ul style="list-style-type: none"> <li>• Bar Coding</li> <li>• Export Services</li> </ul>	<ul style="list-style-type: none"> <li>• Certified Material Suppliers; RoHS &amp; REACH Compliant</li> <li>• Certified Heat Treaters</li> <li>• Certified Platers</li> <li>• Precision Metalforming Network</li> <li>• PMA Member</li> </ul>

## **Quality Systems & Processes**

- Continually ISO 9001:2015 certified since 1999
- TS 16949 Compliant
  - FMEA, PPAP, SPC, Certifications
- MicroVue Spectra Comparators
- Starret KINEMIC Video Microscope 40 X 400 Magnification
- Vlink Measurement Software
- Statistical QMS for KPI performance

Components need to work, as required, and support the total program process, schedule and profitability. TEDCO brings 40 years of precision metal component expertise and a certified supply base to ensure the right design, timeline, materials and process. Let's talk through engineering solutions and options to achieve your project goals.

*We don't just build parts... we build partnerships.*

### **Dona Vincent**

President

[Donav@Tedco-inc.com](mailto:Donav@Tedco-inc.com)

### **Barbara Gallonio**

Vice President

[Barbarag@Tedco-inc.com](mailto:Barbarag@Tedco-inc.com)

### **Mark Lucci**

Engineering Manager

[MarkL@Tedco-inc.com](mailto:MarkL@Tedco-inc.com)