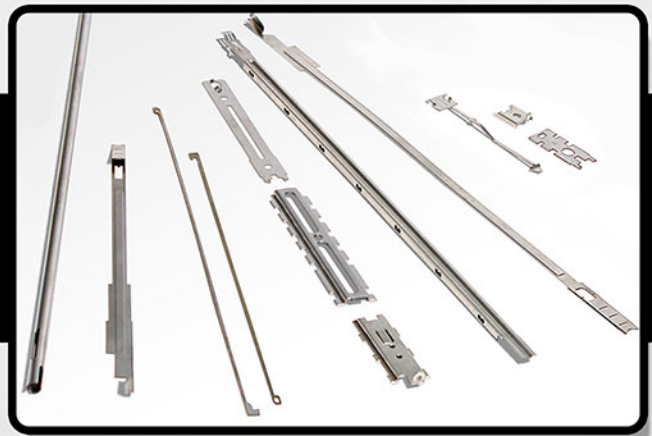
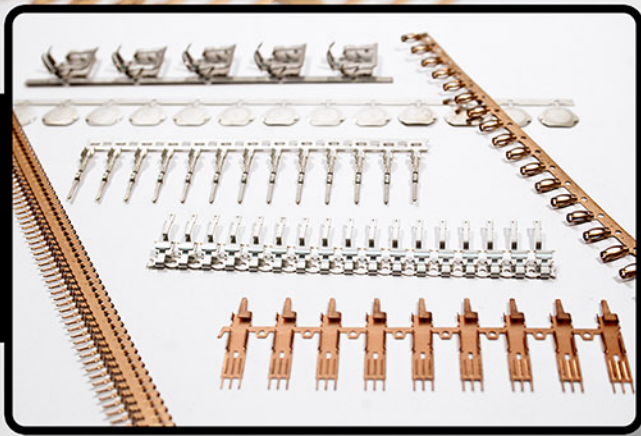
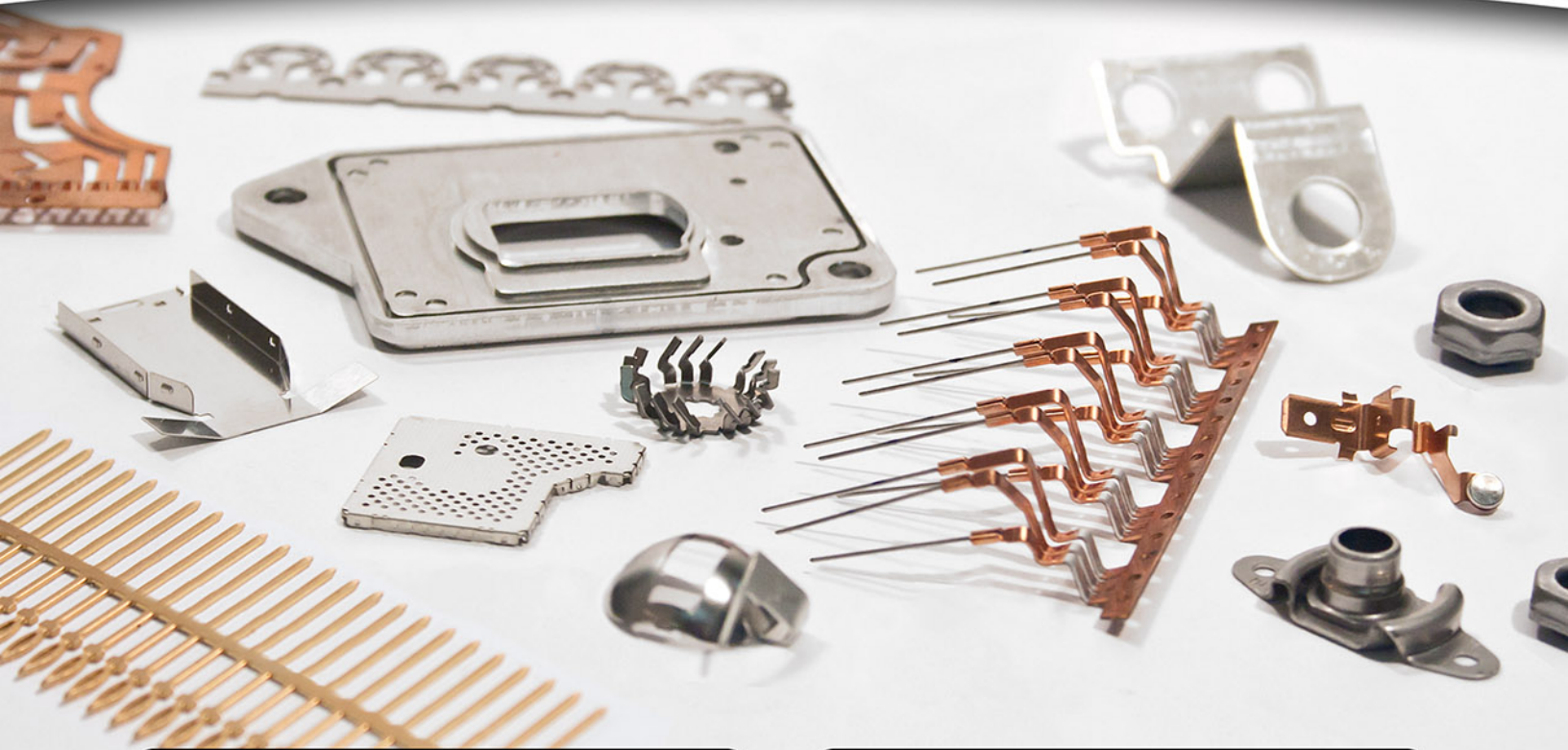


MANUFACTURING SOLUTIONS. ABSOLUTE INTEGRITY.



PRECISION METAL STAMPING



Penn United Technologies, inc.
Phone: (724) 352-1507 Fax: (724) 352-4970

799 North Pike Road Cabot, PA 16023
www.pennunited.com sales@pennunited.com

PRECISION METAL STAMPING

Penn United's precision metal stamping operations use state of the art stamping presses. Press sizes range from small bench presses up to 300-ton presses, with bed sizes up to 96 inches x 42 inches, and speed capability up to 1,200 strokes per minute. In addition to standard metals Penn United can also stamp carbon fiber, plastic, exotic metals and engineered materials. Our experienced staff can repair, maintain, and run your existing dies as well as design and build new dies. Having achieved ISO 9001:2008 status, our production operations, along with our other manufacturing solutions, are governed by our adherence to internal procedures and work instructions guaranteeing you the highest quality stamped parts.

Some of our precision metal stamping capabilities include:

- COMPLEX FLAT OR FORMED PARTS
- STEEL LAMINATIONS
- BANDOLIERYED PINS
- CONTINUOUS REEL STAMPING
- PROTOTYPE STAMPING
- IN-DIE SECONDARY OPERATIONS

We serve the following markets:

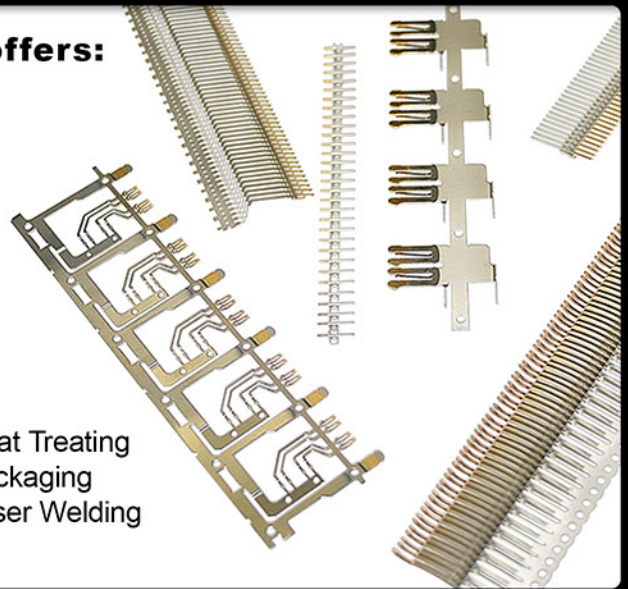
- ENERGY
- OIL & GAS
- MEDICAL
- DEFENSE & AEROSPACE
- FLUID HANDLING
- AUTOMOTIVE
- ELECTRONICS & TELECOMMUNICATIONS
- OTHER MARKETS

Other related capabilities Penn United offers:

- Highly skilled tool and die builders
- In-house die maintenance capabilities
- In house tungsten and silicon carbide manufacturing
- Carbide and steel punches and bushings
- Reel-to-reel plating
- Metal finishing services
- Design for manufacture
- Die simulation

Secondary services available:

- Assembly
- Cleaning
- Passivation
- Electro Polishing
- Coatings
- Pad Printing
- De-burring
- Heat Treating
- Packaging
- Laser Welding



Our Commitment to quality encompasses all the following services:

- Advanced Product Quality Planning - APQP
- Failure Mode Effect & Analysis - FMEA
- Measurement Systems Analysis - MSA
- In Process Inspection and Statistical Process Control
- Real Time Inspection Results
- Real Time Capability Analysis (Ppk, Cp & Cpk)
- OGP Quest Optical, Laser and Touch Probe Measurement
- Vision System Capability
- Program and Fixture Design
- Over 9000 Calibrated Devices used Daily

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