

Making the complex simple— for the insert molding industry



A Simple Solution

The Kenmode team reconfigured the production process for better material utilization by folding over the metal on the terminal end, rather than using thicker metal for the entire piece, saving 50% on material costs.



Kenmode has been working in partnership with the insert molding industry for years, with a record of success in delivering the most complex part configurations with high performance and high efficiency, for a wide range of applications.

We employ our 3D CAD design and engineering expertise to improve processes and drive down costs from the start.

EXPERIENCE

- Kenmode has been a trusted supplier of tight-tolerance components to insert molding companies for nearly 50 years, with proven experience in staging, gauging and measurement to ensure zero defects.
- Kenmode produces an array of parts for:
 - Automotive components
 - Data communications
 - Telecommunications
 - Computers, terminals and keyboards
 - Consumer goods and appliances
 - Medical devices

CAPABILITIES

- Comprehensive services from design and rapid prototype through in-house tooling, production and assembly.
 - 3D CAD Design
 - In-House Tool Design
 - Precision Metal Stamping
 - In-Tool Machining of Round Pins
 - Bandoliering
 - Compliant Pin Technology
- Secondary Operations
 - Pre-plating, post-plating, and spot-plating
 - Custom packaging
 - Continuous reel-to-reel stamping and plating with up to 100,000 pieces per reel
 - Heat treating
 - Secondary tooling to trim at our facility or yours

continued on reverse

INSERT MOLDING SOLUTIONS



CAPABILITIES (cont.)

- Experience in working with all types of metals:
 - Brass and high-performance copper-based alloys
 - Pre-plated ferrous alloys
 - Aluminum clad copper
 - Custom shaped wire
 - Material thicknesses range from .002 to .125
- Exporting capability

EQUIPMENT

- One of the largest Bruderer and Minster shops in North America
- More than 65 presses with speeds up to 1800 strokes per minute
- In-die sensors
- Computer-controlled optical gauging equipment
- In-line measurement
- Video inspection equipment

PEOPLE AND FACILITIES

- Headquarters in Algonquin, Illinois (25 miles northwest of Chicago)
- One of the industry's largest and most experienced engineering, design, and tool & die teams with more than 60 industry experts and craftsmen.

Contact Kenmode at:

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