

CONSUMER

Intricate solutions for infinite possibilities



Indo-MIM - delivering custom solutions for consumer product applications

Consumer products demand creatively engineered designs married with high strength materials wrapped in attractive finishes. Indo-MIM satisfies this need with the unbeatable design and materials flexibility of MIM strengthened with our world-class production and finishing capabilities. Indo-MIM is a leading global supplier of custom engineered MIM products for firearms, sporting goods, electronics, tools and hardware applications.

Rapid product development

Indo-MIM has the ability to mobilize design, engineering and tooling resources to help you develop products at breakneck speed. We understand that time to market is key for the consumer market. We have equipped ourselves with the capability to quickly react to customer needs for product design, prototyping and validation, then quickly achieve transition to mass production.

Engineered beauty with functional efficiency

Consumers today are highly sophisticated and look for unique designs that are functional and eye-catching. MIM technology provides the distinctive ability to produce highly complex components with fine detail to maximize the cosmetic potential of a design. Indo-MIM specializes in providing MIM parts with intricate surface detail and custom surface textures. Our in-house capabilities in surface finishing, plating, blackening and coatings provide a diverse and cost effective range of options.

Adaptable production demands

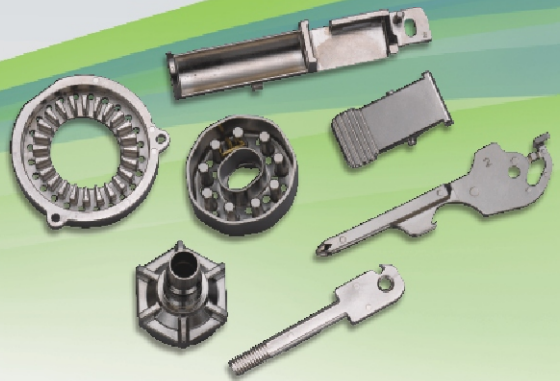
Consumer product applications demand quick response in supply to adapt to fast changing market conditions. Indo-MIM is uniquely positioned to meet these needs with its large installed MIM manufacturing capacity. Our fast and cost effective tooling capability affords the ability to plan for excess production capacity which allows us to quickly adapt for surges in demand. This in turn reduces risk and lessens inventory to achieve lower cost.

Materials for every application

Indo-MIM provides a wealth of material options that allow our customers to achieve high performance in their products. Besides a vast array of off-the-shelf material solutions for high strength, wear and corrosion applications, Indo-MIM maintains a world-class materials laboratory to develop a custom solution for your most demanding products.

Finished product solutions

Indo-MIM continues to invest in not only the latest MIM technology, but also the most advanced capabilities in finish machining, heat-treating, and performance surface coatings. Besides providing a



ready-to-use component, we are experienced in managing mechanical assembly operations for subassemblies. We can also manage a complete supply chain including plastic parts, stampings, machined parts, hardware, assembly and packaging for a fully finished product.

MIM consumer product solutions:

Firearms: Hammers, triggers, sears, extractors, sights, safeties, bolts, magazine catches, levers, selectors, grip safeties, trigger guards

Archery: Broadheads, sights, cross bow mechanisms, release aids

Multi Tools & Knives: Drivers, bit holders, clips, blades, cosmetic inserts

Golf: Sole plates, weights of engineered density

Cycling: Derailleur parts, braking parts, clipless pedals

Mobile Telephone: Hinge mechanisms, buttons, cosmetic inserts

Computer Peripherals: Voice coil motor, head parking mechanisms, printer cores

Hand & Power Tools: Handles, bits, keyless chucks, blade clamps

Indo-MIM consumer product capabilities:

- Product design and material selection assistance
- Industrial design services
- Prototyping and low volume development
- High volume MIM production
- Automated manufacturing and inspection
- Precision grinding and CNC machining
- Heat-treating, plating, blackening and PVD coatings
- Bead and grit blasting, machine and hand polishing
- Plastic insert molding
- Assembly and integration

For proven, expert, cost-effective MIM solutions, delivered with strict adherence to deadlines, do contact us at www.indo-mim.com

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