


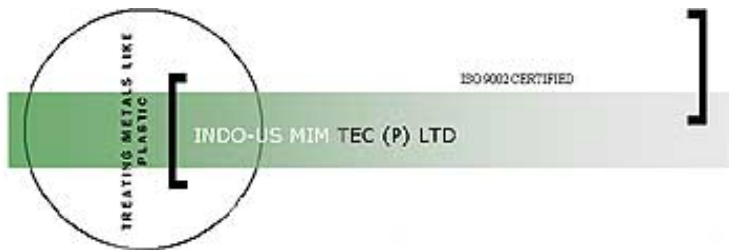
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|---------------------|--------------|-------------------|-------------------|----------------------|-------------------------|
| Rubber Molding | Fineblanking | Rubber Rollers | Plastic Gears | Hinges | Zinc Die Casting |
| Screw Machine Parts | Roll Forming | Injection Molding | Thermoset Molding | Multi-Slide Stamping | Metal Injection Molding |

Metal Injection Molding (MIM)

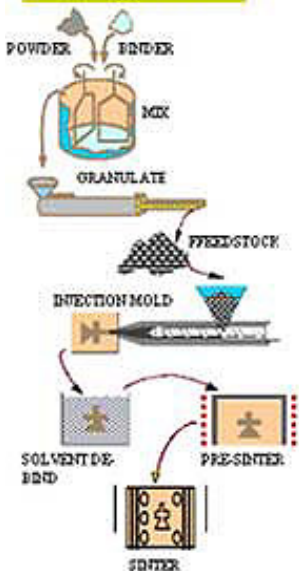

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Indo-US
MIM
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THE PROCESS IN SHORT



Metal Injection Molded Products

- **Automotive:** Fuel Injection, Steering, Window and Door Hardware
- **Fire Arms:** Sear, Safties, Hammers, Ejectors, Firing Pins
- **PowerTools:** Power Drills, Nail Guns, Stapling Guns, Sanders, Polishers
- **Hand Tools:** Utility Knives, Small Tools
- **Locks & Hardware:** Remote Locks, Combination Locks, Sticker Locks
- **Sporting Goods:** Fishing Gear, Golf Clubs



Automotive Gear Box Part
Fe+2%Ni - Case hardened



Rf Connector Case (SS 304L)



WHY INDO-US MIM TEC ?

- Product costs 20~40% cheaper than us MIM costs
- Tool Costs fraction of tool costs in US
- All quotes DDP US port
- Safety stock in US
- Low -Medium -High Volumes
- Technical support through full pledged US sales office

The Technology

MIM combines best of the worlds of Plastic Injection Molding and Powder Metal processes. Fine metal powders are mixed with a small percentage of binder system and injection molded into complex shapes. The molded components are then de-bound to get rid of plastic and sintered at a very high temperature to arrive at wrought like strength

Proto-type services

Have a part, difficult to machine, cast, not good in PM, Zinc die cast ? Want to integrate two parts into one? Feel spending too much money on investment cast component? Chemistry difficult to achieve? Material difficult to source? Plastic part not reliable? Feel free to send us the drawing.

Metrial

We produce all varieties of low alloy steels, stainless steels, magnetic alloys, Tungsten-Copper alloys, Copper-Nickel alloys, KOVAR, INVAR etc.

MIM material can be heat treated, plated, machined and cold worked very similar to corresponding wrought material. We have capabilities to carry out all varieties of secondary operations on the components where required.

Dot Matrix printer part
Fe+Si - En Plated



Firearm component
Fe+2%Ni - Heat Treated



Wrought like strength

Our in-house tool room equipped with CAD / CAM will build prototype samples in 2~4 weeks through MIM for you .

We have developed over 150 components to diverse industries worldwide in the last 36 months.

