

## Partnering for success

INDO-MIM forges solid partnership with the customers, so that the maximum value over the life of a program can be provided. We meticulously plan a project with a selected team dedicated to the program from beginning to end. Our APQP process is among the best in the business. It assures that we have adequate resources to bring the project on time with a smooth launch.

## Stringent process control

INDO-MIM has built a reputation for meeting the strict quality requirements of the medical Industry. Our quality systems are IATF 16949:2016 registered as well as ISO 13485:2016 certified. Every product we produce goes through a strict quality planning process which is then thoughtfully executed in production by every member of our team. Our ASQ certified Lean Six Sigma Team members continuously strive to improve every aspect of our operations.

## Economical and total solutions for small volume requirements

Our cost effective tooling capability combined with our capable engineering resources allows for the manufacture of small production volumes not previously considered economical by MIM. INDO-MIM has developed innovative tooling concepts that lower the cost, to produce highly complex components that are usually produced by costly five axis machining. This is a much desired alternative to machining especially when a quick ramp in production volume is needed. INDO-MIM is well equipped to manage the high volume production needs for the disposable instruments market.

## Materials solutions for a variety of Applications

INDO-MIM provides a wide variety of material solutions for surgical instruments, orthodontic appliances as well as orthopedic implants. For instruments, which require high strength and wear combined with good corrosion resistance can be found in our 17-4PH, 420 and 440C grade stainless steels. Our 316L grade stainless steel is a popular choice for applications requiring high ductility with excellent corrosion properties. For orthodontic appliances, we provide 17-4PH as well as Ni-Free grades of stainless steel. Orthopedic implant applications are growing for MIM and we are there with a full range of material solutions including Co - Cr as well as Titanium alloys with HIP processing for these critical applications.



## Providing a total solution

INDO-MIM continues to invest in not only the latest MIM technology, but also in the most advanced capabilities in finish machining, heat-treating, and performance surface coatings. We not only provide world class MIM products but a full range of services including plastic injection molding, insert molding, supply chain management as well as integration and packaging in our ISO Class 8 cleanroom.

## MIM Medical Products Solutions :

Surgical Instruments	: Endoscopic graspers & scissors, instrument bodies, scalpel handles, forceps, endoscopy, ablation electrodes
Orthopedic	: Trauma plates, screws, spine (implants & external fixation), orthopedic surgery tools (power & hand)
Orthodontic & Dental	: Orthodontic brackets, dental instruments
Hearing Devices	: Housings, implants

## INDO-MIM Medical capabilities:

- Product design and material selection assistance
- Prototyping and low volume development
- Low and high volume MIM production
- Micro-molding
- Automated manufacturing and inspection
- Precision grinding and CNC machining
- Laser cutting and welding
- Heat-treating and PVD surface coatings
- Micro-blasting and passivation
- Plastic insert molding
- Plastic injection molding
- Integration and packaging in ISO Class 8 cleanroom

For proven, expert, cost-effective MIM solutions, delivered with strict adherence to deadlines, do contact us at [www.indo-mim.com](http://www.indo-mim.com)

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# MEDICAL

**Discover how small parts can save countless lives**



## **INDO-MIM - meeting the critical needs for medical products**

INDO-MIM provides industry-leading solutions for MIM medical device, orthopedic and orthodontic applications. We are your single resource for medical products from concept design and prototype through fabrication, integration and packaging. We provide cost effective one-stop solution for your most demanding medical product needs.