



Sourcing of Metal Injection Moulded (MIM) Parts from India

In Co-operation mit SpektraTek, Pune, India

WHY MIM?

- Complex Shapes and features such as cross-drilled holes and fins
- High Production, **Low Cost**
- Thin Section
- Better surface finish – better than 30 RMS
- Less Time consuming – a MIM component can be produced within 10 seconds
- Density > 97% similar to that of investment casting
- Better resistance against corrosion
- Since the basic manufacturing process is high pressure injection molding, exact shapes can be produced
- Wide range of alloys available

KEY APPLICATIONS

- Automotive Systems
- Orthodontics
- Medical and Dental Instruments
- Firearm Components
- Hardware and Lock Parts
- Aerospace

SECONDARY PROCESSES

- Finishing
- Welding and Brazing
- Ultrasonic Cleaning
- Plating
- Heat Treatment
- Passivation
- Assembly

CERTIFICATIONS

- ISO 9001:2015
- AS 9100C

