

Metal Injection Molded Components

These components are manufactured using metal injection molding (MIM). The parts exhibit intricate geometries, fine details, and high dimensional accuracy.



ADDITIONAL IMAGES



Overview

Precision Metal Injection Molding

Metal Injection Molding (MIM) is a highly efficient manufacturing process designed to create complex, precision-engineered components with intricate geometries. This technology ensures high dimensional accuracy and superior surface finishes, making it ideal for demanding B2B applications. By utilizing advanced materials like stainless steel, these components offer exceptional mechanical strength and corrosion resistance suitable for critical industries.

Applications

Primary Industries

Automotive, Medical Instruments, Hardware Tools, 3C Industry

Technical Capabilities

Key Design Features

- Complex geometries
- High dimensional accuracy
- Fine surface finish
- Tight tolerances

Typical Component Types

- Threaded rods
- Cylindrical bodies with holes
- Slotted components
- Custom-shaped precision parts