

High Pressure Die Casting Mold

This high-pressure die casting mold is designed for creating precise metal parts. It is suitable for aluminum and magnesium alloys.



Product Overview

High-Precision Die Casting Solutions

Our High Pressure Die Casting Molds are engineered for demanding industrial applications, supporting both aluminum and magnesium alloys. With a focus on durability and precision, these molds offer a service life of up to 300,000 cycles depending on the specific product requirements. We provide comprehensive solutions from design to heat treatment, ensuring high-quality components for the automotive, telecom, and medical sectors.

Technical Specifications



Example of a high-precision component produced using our die-casting molds, featuring intricate ribbing and fluid transfer ports.

Compatible Casting Alloys

Aluminum • Magnesium

Machine Tonnage Range

200 T

Min Tonnage

4400 T

Max Tonnage

Mould Material Options

H13, DIEVAR, SKD61, 8407, 8418, 1.2343, 1.2344, 1.2367, DAC55, DH-31

Manufacturing Details

Cavity Configuration

- Single Cavity
- Multiple Cavity
- Unit Cavity

Available Treatments

Heat Treatment, Nitriding, Polishing

Expected Mold Life

50,000 to 300,000 shots (depending on product)

Applications

Target Industries

- Automobile and motorcycle parts
- Telecom Parts
- Electrical appliance parts
- Lights & lamps parts
- Industrial hardware and Machine Spare parts
- Household Appliance parts
- Medical Instrument parts

Quality & Standards

Quality Certifications

ISO 9001, IATF 16949

Manufacturing Standards

International standards with rigorous quality control systems

Logistics

Production Lead Time

60 days