

Plastic Injection Mold for Automotive and Appliance Components

This plastic injection mold is designed for creating components for automotive, home appliances, electrical products, and packaging. It ensures consistent part production with excellent surface finish and tight tolerances.



Product Overview



Precision-engineered mold assembly designed for high-volume production of complex plastic components.

High-Precision Injection Molding Solutions

This professional-grade plastic injection mold is engineered for high-volume manufacturing of components across the automotive, home appliance, and electronics sectors. Designed for durability and precision, the mold supports complex geometries and is compatible with a wide array of thermoplastic materials. It features advanced cooling and runner systems to optimize production efficiency and ensure consistent part quality throughout its long operational lifespan.

Technical Specifications

Mold Life

0.2 M shots
Min Life

2 M shots
Max Life

Tonnage Range

50 T
Min Tonnage

3600 T
Max Tonnage

Design Software	UG, Pro-E, AutoCAD, CATIA
Mold Base Materials	P20, 45#, 4CR13
Cavity Configuration	Single/Multiple Cavities

Materials & Compatibility

Compatible Materials

- PS
- ABS
- PP
- PVC
- PMMA
- PBT
- PC
- POM
- PA66
- PA6
- PBT+GF
- PC/ABS
- PEEK
- HDPE
- TPU
- PET
- PPO

Insert/Core Materials

- P20
- P20H
- 718
- 718H
- 2738
- Nak80
- S136
- SKD61
- 8407
- H13
- 2343
- 2344
- 2311
- 2312
- 2379
- 2316
- 2093
- 2767

Manufacturing Details

Standard Components	LKM, HASCO, DME, FUTA
Runner Systems	Cold Runner, Hot Runner
Gate Types	Side gate, Edge gate, Submarine, Pin Point, Horn, Direct gate, Capillary

Logistics & Lead Time

Transport Packaging

Plastic bag • Carton box • Wooden Case

T1 Sample Lead Time	40 days
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