

# Design and prototype plastic parts with micro injection moulding

## Plastic injection moulding - from a different perspective

### 01 / RAPID INJECTION MOULDING

We disrupt traditional manufacturing time frames with reduced time to market of 1-2 weeks, by designing small moulding dies with few multi-cavities, which enables smart and quick-turn injection moulding.

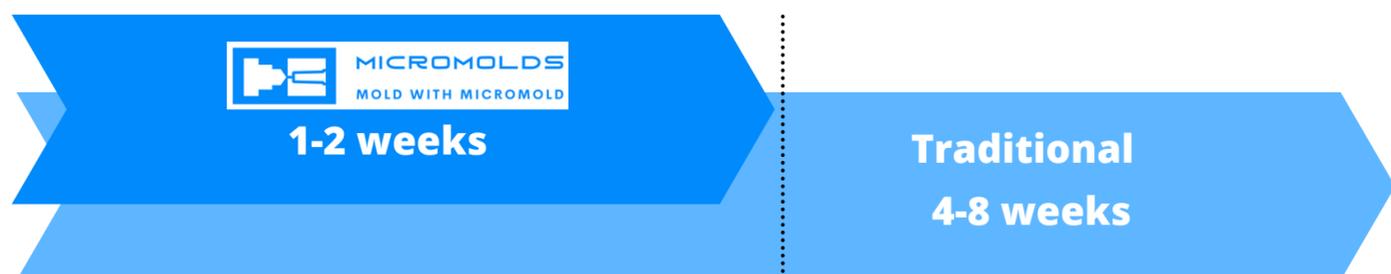
### 02 / LOW COST TOOLING - MOULD MAKING

Cheap injection moulding with small moulds and less cavities, drives tooling costs down by 70%. Micro-injection moulding breaks even at ~200k units with conventional injection moulding. This makes us ideal contract manufacturers when quick prototyping and small volume production is needed.

### 01 / TRUSTED PLASTIC MOULDING COMPANY

We are not sub-contractors of China injection moulding companies. Mould design and mouldability analysis, CNC mould milling and "Babyplast 6/12" injection machines - all found under one roof, enable us to be experts in plastic products manufacturing.

3D CAD → Quotation → Mold design + Optimization → Mold Machined → Parts



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# Our range of services

## LOW VOLUME - CUSTOM PLASTIC PARTS

- Plastic components:
  - Automotive
  - Medical
  - Electronics
- Custom mould production
- Hot runner moulded parts



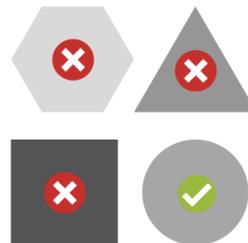
## OVERMOULDING

- 2K mould (2 shot mould)
- Metal insert mould
- Cable overmoulding
- Low pressure injection moulding



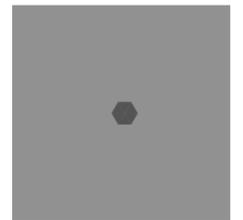
## PLASTIC PROTOTYPE INJECTION MOULDING

- Design for manufacturing (DFM)
- Part design
- 3D printed moulds (SLA)
- Aluminium CAD mould design
- In-mould labeling



## MICRO COMPONENTS

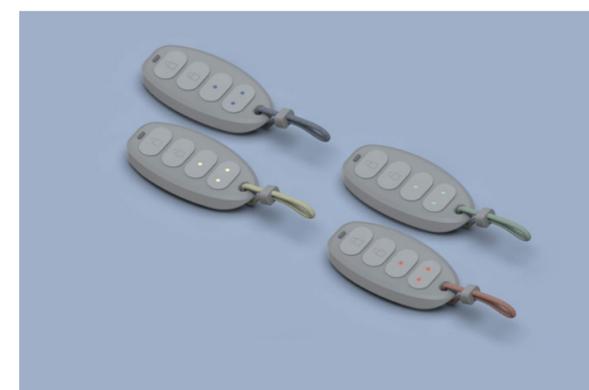
- Micro parts
- Medical injection moulding
- Precision plastic moulding
- Undercut moulding



## We provide value-added services

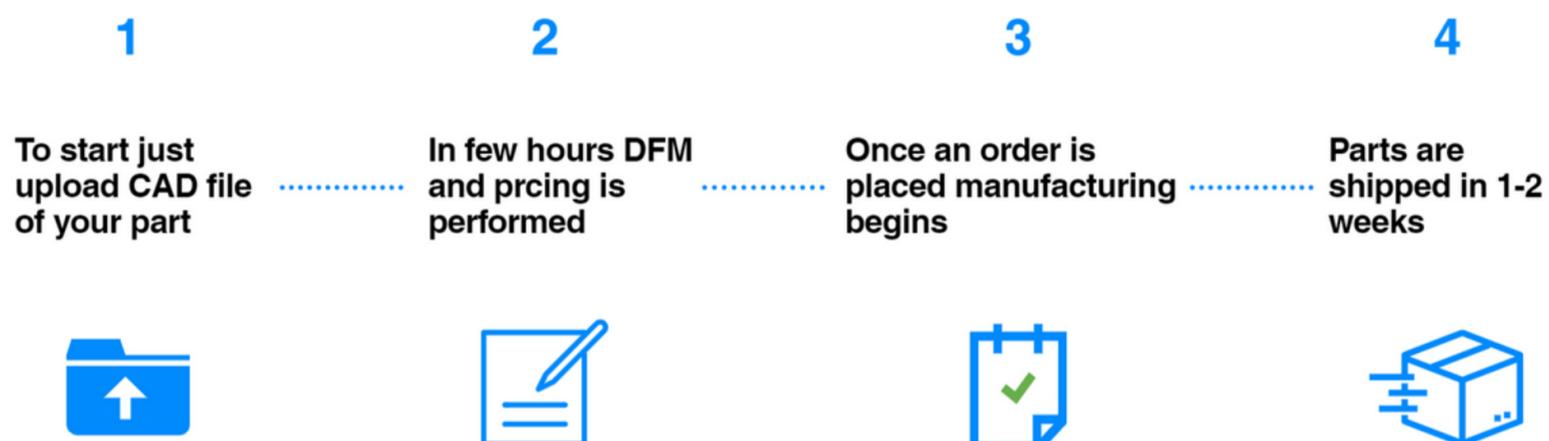
- Trouble-free injection mould modifications
- Export injection mould (customer owns the mould)
- High quality injection moulding assurance:
  - 0-fault production
  - Cosmetic defects (flash, sink, warp, knit lines) prevention
- Cost transparent contracting
- Automated quoting and manufacturing (STP/IGS)
- Lifetime warranty on your injection mould

# Success across our projects



Read more about these projects on our site:  
<https://www.micromolds.eu/>

# Automated quoting



Start now on our site:  
<https://www.micromolds.eu/quote>

## Contacts

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