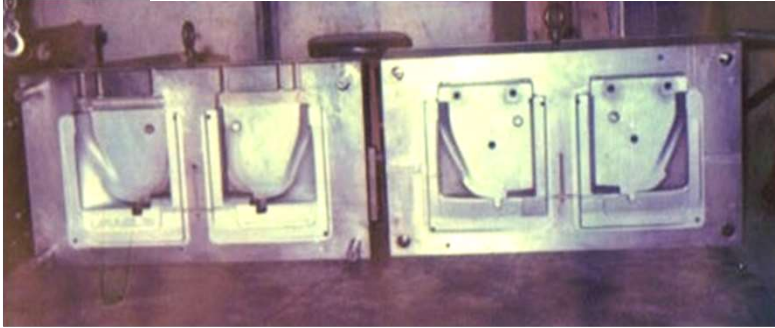
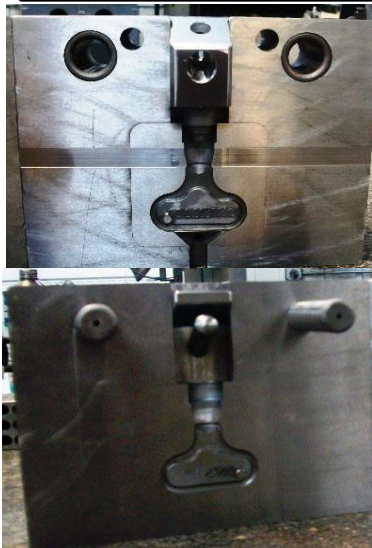
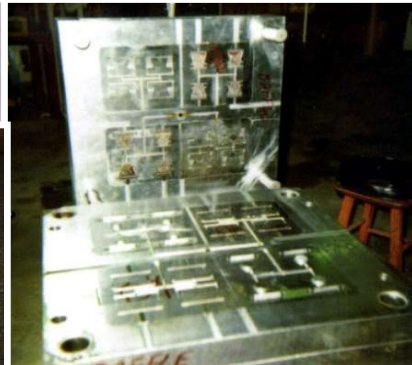


# Molds and Casting Dies

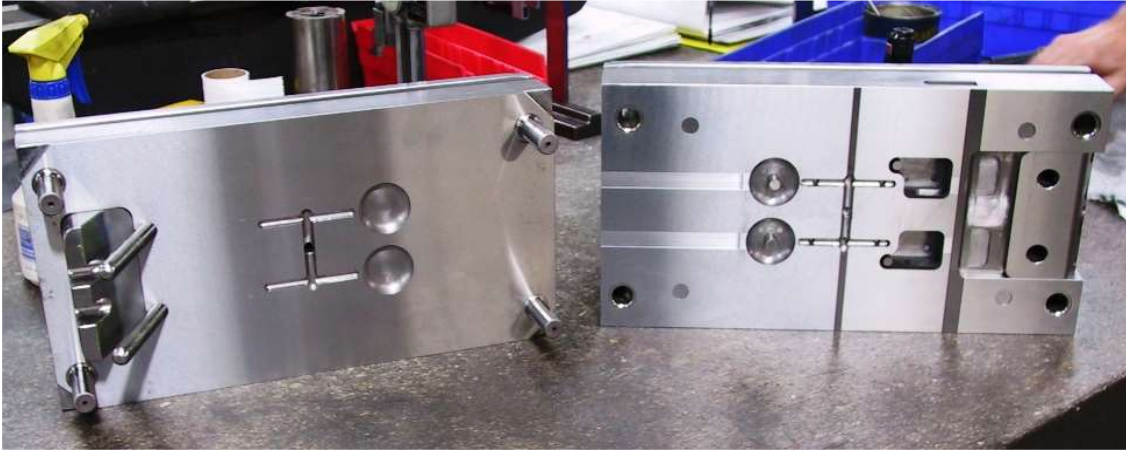


PTD has decades of experience in plastics and die casting. We design, engineer and build our own tooling; nothing is brokered from overseas. We design and build tooling around industry standard products when possible to allow for quick repair and replacement of components. This is a plus when customers maintain their own tooling and is paramount to production. Design and engineering is completed in solid modeling software and mold flow analysis is ran to achieve maximum mold performance.

- Prototype Molds**
- injection Molds**
- Hot Runner Molds**
- Thermoform Molds**
- Blow Molds**
- Aluminum Casting Dies**
- Zinc Casting Dies**
- MUD Units**



# Molds and Casting Dies



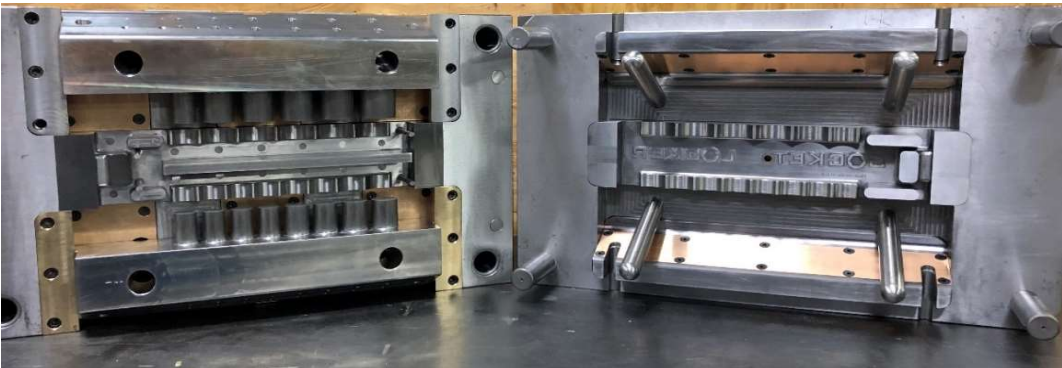
# Molds and Casting Dies



Thermoform mold with a butterboard assist plug



Thermoform mold with plunge EDM logo



# Mold & Casting Die Repair & Revision



PTD has the experience to assess problems, formulate a plan of action and then put into motion the steps to resolve issues for customers. We control all of the processes in house to expedite the tooling back into production and decrease our customers downtime.

- Tig Welding
- Back Engineering
- Inventory of EJ & Core Pins
- Quick Turnaround
- Control of Processes
- Decades of Experience



The original tool was designed and built to over mold a stainless plate with the plate being clamped in place by the press. This did not function properly. We welded the tool; machined a support rail to hold the plate in place to secure under shot pressure. Success.



Revision to injection mold to make part 2" wider. Weld, machine and polish.

