

Zinc Die Castings

- Precision, net shape zinc die castings up to 5 pounds
- Zinc-aluminum alloys #2, #3, #5, #7 and ZA-8
- Miniature zinc die cast components
- Finished die castings including machining, plating and powder coating
- Off shore tooling options for lower up-front tooling costs

Zinc die castings are manufactured using the “hot chamber” process, whereby molten metal is injected into a steel die under pressure. This process produces precision, net shape die castings. Thin wall sections, tight tolerances and the best surface finishes are achieved. Zinc die castings can offer the lowest cost means to a net shape due to high rates of production and short cycle times. Tooling can be expensive, depending upon the amount and complexity of cast features. Zinc die castings can be finish machined, including tapping, and readily accept all types of plating.

- Zinc die cast components from one gram to 5 pounds
- Zinc-aluminum alloys #2, #3, #5, #7 and ZA-8
- Close tolerance, precision die castings using multi-slide casting machines
- Thin wall castings to .019” utilizing the exceptional castability of Zn alloys
- Single source for part design, prototypes and production zinc die castings
- Finished zinc components including machining, plating and assembly
- Off shore tooling capability to reduce tooling costs