

## Data Bulletin #406:

# "Family Dies"

Part Six of the  
Tooling for Zinc Diecastings Series

The tooling you choose to manufacture your zinc diecasting is an important consideration in the successful production of your product. Family dies offer several initial advantages to the casting designer, but may have adverse affect on the product cost and quality over the long-run.

### Family Die Advantages

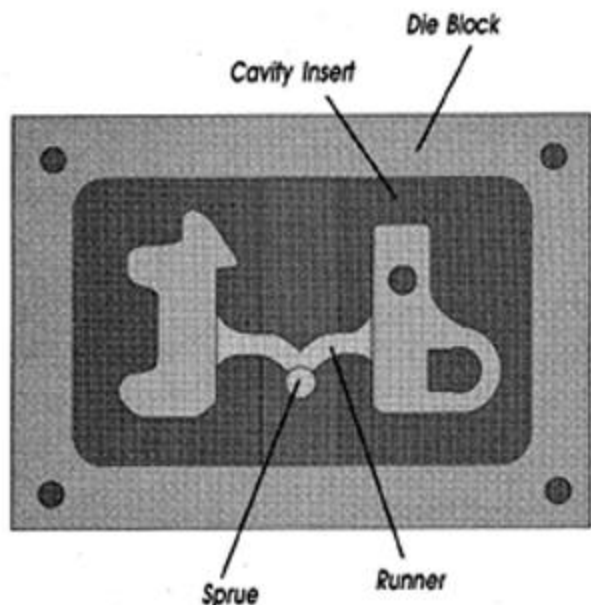
- Lower tooling costs
- Shorter tooling lead times
- Single cavity per part opportunity
- Lower overall die maintenance.

### Questions to Ask...

- How will the inventory balance be corrected?
- Will the finish be the same on all parts?
- Will the common degating process be correct for all parts?
- What is the possibility of part modification and will the family die accommodate it?
- How many side-actions can be used?
- How are the parts separated during or after trimming?

### How It Works

A family die affords the opportunity to cast two or more different parts in the same die.



Let DeCardy Diecasting review the cost/benefit of various types of tooling to produce your product.  
Call or fax Will Vogel today.