

CASTINGS IN ACTION

Zinc Die Casting Deters Retail Theft

Cast Component: Pinless tag clip.

Material: Zinc ZA-8.

Process: Diecasting.

Casting Supplier: Caudle Manufacturing Co. Inc., Miami.

Casting Customer: Tyco Safety Products, Princeton, N.J.

- The 0.35-oz. zinc security clip attaches to merchandise to protect it from theft. A series of functional teeth and ratchet serrations were produced as-cast.
- The diecaster first provided prototype parts produced in a single-cavity die. Later, a more advanced die was designed for producing more than 100,000 pieces within four weeks. With the advanced die, the ratchet serrations were cast without flash.

