

## 1981 DESIGN COMPETITION WINNERS

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Winners in the 1981 P/M Part-of-the-Year Design Competition illustrate powder metallurgy's bid to replace components made by die casting, forging, and screw machining. The winning parts are fine examples of P/M's cost and material savings, improved strength and precision, and net shape design features. Winning parts are made from steel, brass, bronze and stainless steel, titanium and a new high performance alloy.

The competition is sponsored each year by the Metal Powder Industries Federation (MPIF).

### FERROUS GRAND PRIZE WINNER HALTS VANDALISM IN VENDING MACHINES

A copper infiltrated steel (MPIF material FX-2008-T) cam and strike used on a door latch assembly in soft drink vending machines won the Grand Prize in the ferrous category of the competition, Fig. 1. The parts are made by Ceromet, Inc., Anaheim, California, for the Vendo Company, Pinedale, California.

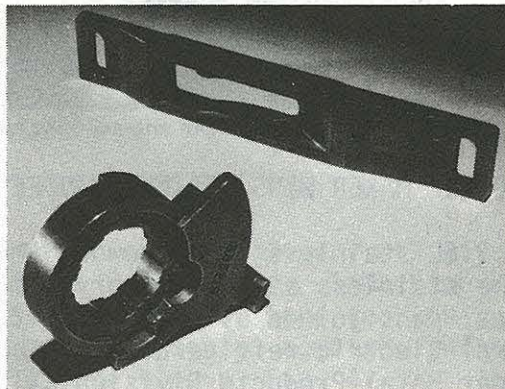


FIGURE 1 Copper infiltrated cam and strike.