



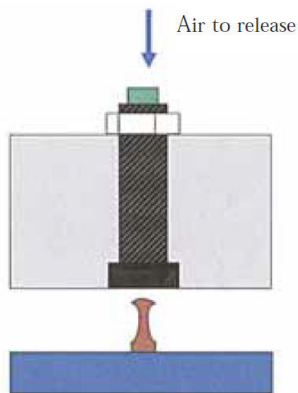
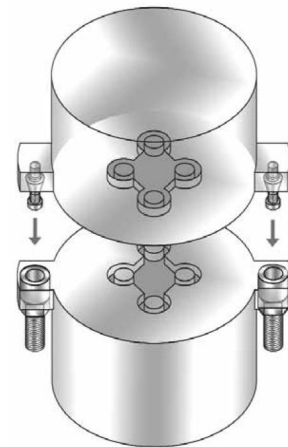
## Mold Lock Actuator Provides a Tight Fit

### Challenge:

In a package molding application, a customer needed a tighter tolerance for the locking assembly. The mold wasn't compressed enough, and the parts were deformed as a result. They decided to look for a solution that would hold the mold together with a consistent pressure across the entire assembly.

### Solution:

Bimba developed a unique actuator designed to lock onto a mating lug and hold the two halves of a mold together. This solution provided a tighter fit, resulting in higher quality parts. The actuator was designed to release when air pressure was applied in the opposite direction. This saved the customer money because Bimba's delivery was so quick, allowing them to fix the issue with the deformed parts faster, resulting in less downtime.



### Benefits:

- Provides tight, uniform fit across the mold.
- Reduces downtime.
- Increases cycle time due to ease of use.

### Other Applications:

- Door Lock
- Tool Changer
- Clamping and Work Holding Applications

