

Model Number **EZ-222**

Specifications

Adjustable Break-Away (holding) Force*.....17-27 lbs.
 Maximum Operating Temperature.....250°F (121°C)
 Locking Plunger Material.....Hardened Steel 57-59 Rc

Parts Included

Part numbers are provided for spare parts orders

Plunger.....SLP222
 Spring.....SLSP222
 Base Plate.....EZBP222
 Mounting Screws.....SLFH222

Molder Benefits

- ◆ **Slide Crash Avoidance:** Design ensures positive slide retention.
- ◆ **Installation:** Fast and simple: Plunger slips into a counter-bored clearance hole in the slide; Base plate fits into a shallow, milled pocket in the mold base.
- ◆ **Reliable:** Cycle tested more than 25,000,000 cycles without adverse wear or failure.
- ◆ **Adjustable Holding Force:** Surface contact versus point contact design ensures positive holding (break-away) force between 17 and 27 pounds.
 - * Two or more **EZ-Lock Slide Retainers** may be installed for additional holding force on heavy slides.
- ◆ **Damage Resistant:** Device is protected by the steel.
- ◆ **Cost Effective:** Combination of competitive price, design features, and listed benefits makes this product the most attractive slide retainer on the market.
- ◆ **Replacement:** Quick and easy: Machine work on the tool is not required to replace the **EZ-Lock Slide Retainer**.

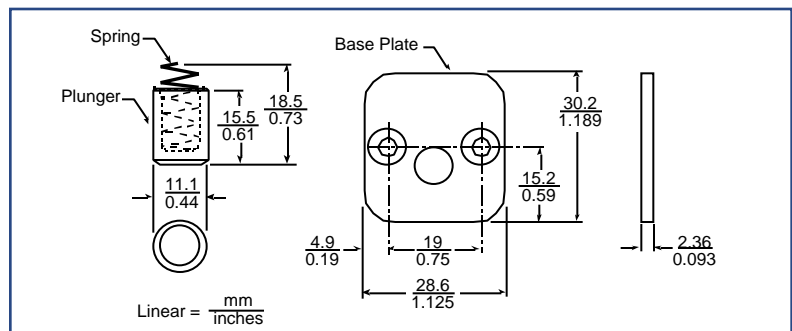
General Description

Burger Engineering's **EZ-Lock Slide Retainer** is a cost effective and reliable mechanical device that prevents accidental slide movement and costly slide crashes during molded part ejection. When the slide is fully open, a spring-loaded plunger drops into a detent in the base plate. Spring compression and the geometry of the components provide a reliable and effective slide retainer.

Application

The **EZ-Lock Slide Retainer** is well-suited for mechanical slide retention on tools with slides that are hung on small to medium tonnage injection molding machines. When slide retention plus position is needed, use the companion SmartLock® Slide Retainer and Limit Switch on the previous pages.

Installation is simple. The plunger slips into a counter-bored clearance hole in the slide. The base plate fits into a shallow milled pocket in the mold base. The device was engineered by moldmakers for high cycle life and positive slide retention without damage to the wear plate. Random sample products were cycle tested in simulated processing operations in excess of 25,000,000 cycles without adverse wear or failure.



Two and Three-Dimensional part files are available for download from our web site at www.smartflow-usa.com