



KIPP INC.



With industry-exclusive **LONG-LOK** technology...

MANY OPTIONS. SINGULAR QUALITY.

# SPRING PLUNGERS



KIPP spring plungers are available in inch and metric threads; light, standard, and heavy end pressure; and locking, non-locking, and push-fit styles. The broad variety of available options means there is a KIPP spring plunger well-suited to every need.



## Industry-Exclusive LONG-LOK Technology

Instead of a small dot or pill of thread-lock, KIPP LONG-LOK spring plungers feature a durable nylon locking element, capable of resisting heavy vibration, multiple adjustments, or many installation and removal cycles.

### 1. Vibration Resistant

The integrated LONG-LOK thread system secures spring plungers effectively and economically. No loosening or falling out after impact or vibrations.

### 2. Greater Holding Force

As LONG-LOK threads are inserted into a tapped hole, in a clockwise direction, the advanced locking

system begins to expand in the opposite direction. This expansion creates a high degree of resistance or holding force which in turn requires a great deal of torque to loosen.

### 3. Secure in Every Position

The LONG-LOK system allows a plunger to be secured in any position within the threaded hole.

### 4. Save Assembly Time and Cost

The LONG-LOK thread system does not require any additional components. This will improve assembly time, lower cost, and reduce inventoried parts.

### 5. For Repeated Use

When using the LONG-LOK system for the first time, it will require a slightly higher tightening torque. In repeated use, the torque value remains nearly constant for approximately 20 installation/removal cycles.

### 6. Wide Variety of Solutions

M3 to M16 or 6-32 to 5/8-11, light pressure to high pressure, steel or stainless steel, KIPP LONG-LOK Plungers will perform in any application.



### Ball Style

In LONG-LOK or standard threads, KIPP ball style plungers feature steel or stainless steel bodies with steel, stainless steel, or ceramic balls.



### Pin Style

In LONG-LOK or standard threads, KIPP pin style plungers feature steel or stainless steel bodies with steel, stainless steel or plastic pins.



### Push-Fit

KIPP push-fit plungers feature steel or plastic bodies and steel or plastic balls.



### Push-Fit O-Ring

This all-stainless-steel plunger features a rubber o-ring to keep it in place during assembly. Simply press into position and assemble the rest of the mechanism around it.



### Double-Ended

KIPP double-ended spring plungers feature a brass body and stainless steel balls. They are used in a wide variety of specialty applications.



### Lateral

Designed for fixturing and workholding, these plungers exert lateral force to hold materials in place for drilling, engraving, or other work processes.

**Need more information? Ready to purchase?  
Contact your local KIPP representative or call us directly:**

**KIPP Inc.**  
4305 N. Roosevelt Rd.  
Stevensville, MI 49127  
T. (269) 932-1100 or (866) 547-7166  
us.info@kipp.com  
www.kippusa.com