

# ADJUSTABLE LOCKING PELLETS FOR SEELSKREW®, SEELBOLT® & SEELNUT® SELF-SEALING FASTENERS

**FULLY ADJUSTABLE & REUSABLE PER IFI 124, IFI 524 & MIL-DTL-18240F, NASM25027**

When assembled with a mating part the resilient engineered polymer pellet (normally Nylon) is compressed, and a locking action is established. APM Pellet Locking action takes place inside the threads due to its vibration dampening characteristics, as opposed to at the bearing surface. The resilience of the pellet holds the fastener in place without adhesives or thread distortion. The pellet's resiliency also contributes to its superior degree of adjustability and repeated reusability. *See pages 3 & 4 of this catalog for complete list of fastener sizes to apply.*

Self-Sealing screws, bolts and nuts that have pellets installed can operate and deliver outstanding performance in both high and low temperature extremes without degradation. Under most operating conditions, these pellets are unaffected by vibration or reversal of stress. Installed in a drilled hole (just below the depth of the thread), APM pellets are typically positioned one to three threads back from the end of the fastener to assure ease of starting. Hole positioning can be modified to meet specific applications – contact Technical Sales for assistance.



## FEATURES

- Resistant to vibration and reversal of stress, APM pellets lock whether fasteners are seated or unseated.
- Saves money by eliminating the need for costly lock washers, cotter pins or castellated nuts. You get a close fit without expensive close tolerances. APM pellets are less expensive than applying bottled thread locking compounds at the point of assembly.
- APM pellets are virtually impervious to a wide range of chemicals, water and motor fluids. They won't dry, shrink or lose resiliency when exposed to commercial solvents, alcohol, gasoline, oil, caustic soda, and many other chemicals.

## HOW TO ORDER

Specify the head type, thread size, length, followed by the Ordering Code.

**Example:** To order a slotted head SEELSKREW with a Nylon Pellet, order...  
SEELSKREW S8-32x1/2"-NY

## SPECIFICATIONS

| Primary Usage | Material | Reusability                          | Effective Temperature Range         | Color               | Ordering Code |
|---------------|----------|--------------------------------------|-------------------------------------|---------------------|---------------|
| Lock and Seal | Nylon    | Up to 15 on/off cycles               | -65°F to +250°F (-54°C to +121°C)   | Typically Yellow*** | NY            |
| Lock and Seal | KEL-F*   | 0 (one installation and one removal) | -320°F to +390°F (-196°C to +198°C) | Blue                | NB            |
| Lock and Seal | Vespel** | Up to 5 on/off cycles                | -450°F to +500°F (-268°C to +260°C) | Brown               | NBR           |

\* KEL-F is a registered trademark of Minnesota Mining and Manufacturing Co.

\*\* Vespel and Teflon are registered trademarks of EI. Dupont De Nemours & Co.

\*\*\* QPL-18240 and MIL-DTL-18240F requires yellow nylon.