

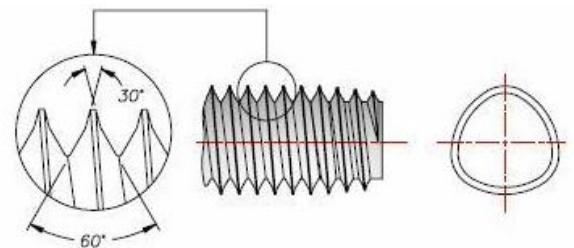
## ***POWERLOK® Screw.***

TRILOBULAR® POWERLOK® screw is the unique screw designed with blocking thread to assembly on pre-formed nuts: the thread geometry provides blocking effect all along its length, independently of thread nut material and thermal application conditions.

TRILOBULAR® POWERLOK® reduces considerably the assembly costs.

### **1. Characteristics:**

- 30° thread overlapped to the standard 60° thread, cleaves the nut and blocks the assembly.
- TRILOBULAR® thread section.



### **2. Advantages:**

- **Cost reduction and technical improvement in substitution of screws with elastic washer and other blocking solutions.**
- Immediate and continuous locking action, permitting its reuse keeping the blocking effect.
- Excellent Vibration resistance.
- High strength of the joint.
- Resistant to high temperatures.
- Locking action independently of nut tolerances.

### **3. Applications:**

- Assembly of components under hard vibration conditions or expansion/contraction due to thermal cycles on pre-formed nuts or standard nuts.

### **Examples:**

- Automotive components assembly (rear-view mirrors...)
- Washing machine components assembly.
- House hold appliances.
- Engine / motors assembly.
- Glasses frame.
- Electronic components.