

The SSX SinuLOC™ from ITW Shakeproof addresses the continuing need to enhance a machine screw's ability to stay secure for the life of its joint. Prevailing torque nuts and a nylon patch or pellet are a popular but costly solution until now. The SSX SinuLOC™ screw utilizes the ITW WERCS™ thread forming technology to provide you with a machine screw that stays secure without the added cost associated with a nylon patch. The SSX SinuLOC™ is also reusable whereas the holding power of a patch wears in the initial tensioning of the joint.



See the Difference....Feel the Difference....Realize the Value

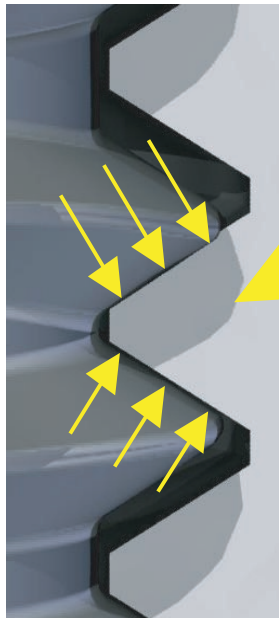
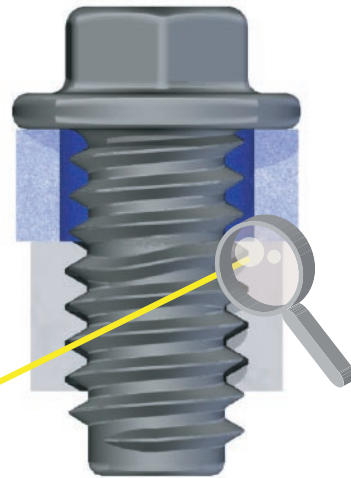


A precision curve which is added to the helix of the screw adds the ideal amount of pressure to the female thread in just the right place.

Benefits of the SSX SinuLOC™

- Provides joint tension at any place in the body of the screw threads.
- The locking threads eliminate the need for prevailing torque locknuts and nylon patch placed on screw threads, thus eliminating CO\$T and added lead times.
- Functions on standard tapped holes without damaging mating female threads.
- Reusable with consistent, repeatable performance
- Available in standard machine screw sizes

A curve added to the helix of the screw threads is placed at any place throughout the body of the screw threads



The calculated combination of pressure and location ensures that there is added performance with no damage to the threads. The downward curve of the thread presses or squeezes the female thread between its flanks. This controlled squeeze adds the required prevailing torque, keeping the joint tight for life. The unique, tunable feature does not deform the “pressure flank” of the female thread, therefore it can be reused and create predictable torque tension relations within the joint.

ITW Engineers continue to provide you with fastening solutions to improve your products.

Responsive people who understand products and processes.

For innovation turn to the leader, turn to **ITW**.

ITW Shakeproof

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