

Unique thread, locks tighter!!


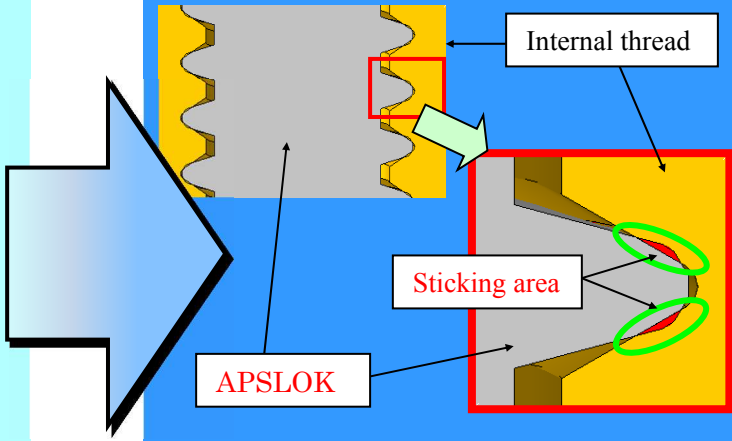
Self-locking screw at lower costs



APSLOK™

To fulfill a demand to get Self-Locking function as adhesive at lower cost!!

New Solution

Conventional	Best grip
<p>Using adhesive to prevent loosening</p> 	
<p>⇒ Adhesive is expensive.</p> <p>⇒ "Can not remove screws", when screw has to be removed for maintenance.</p>	<p>⇒ Special thread sticks to internal thread and performs strong anti-loosening power.</p> <p>⇒ APSLOK performs well even into less-accuracy threaded hole.</p>

■ Features of APSLOK

1. Easy for maintenance.

APSLOK solves problems caused by too hard fixing by screws with adhesive like "can not remove screws" or "destroy cross recess when remove screws".

2. Supports low cost manufacturing.

Realizes cost reduction by elimination of using washer and adhesive.

3. Improve fastening reliability.

APSLOK can be fastened to soft materials like Aluminum die-casting without sticking or cohesion.

■ Application

Home appliances
Camera

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■ Performance of APSLOK

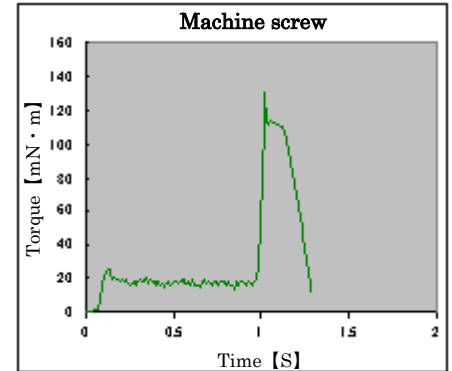
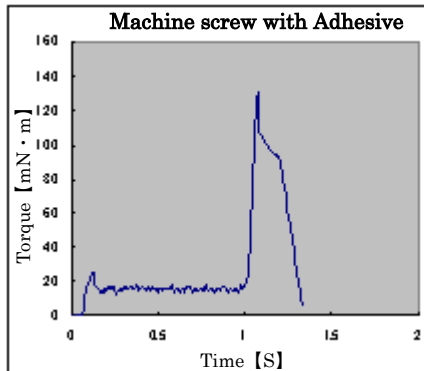
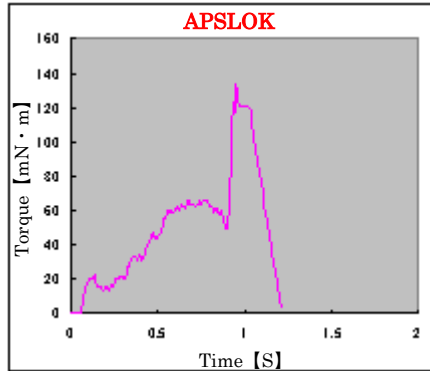
Test Condition

Testing Machine : NITTO SEIKO's torque testing machine

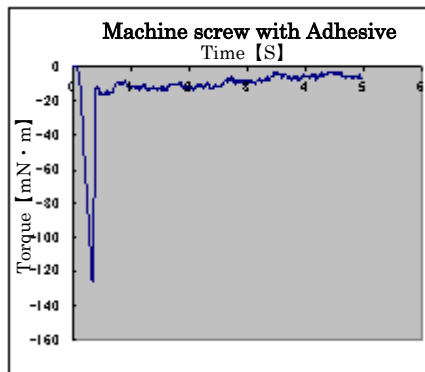
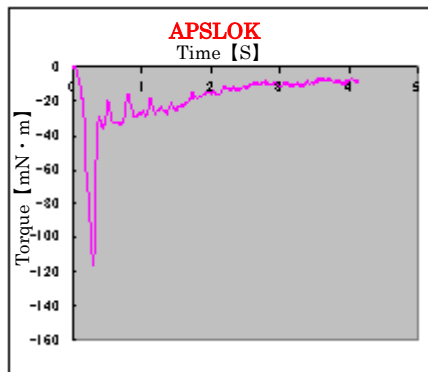
Liner : Steel plate ($t=2.0$ mm)

Workpiece : Nut M1.7 (Marketed product)

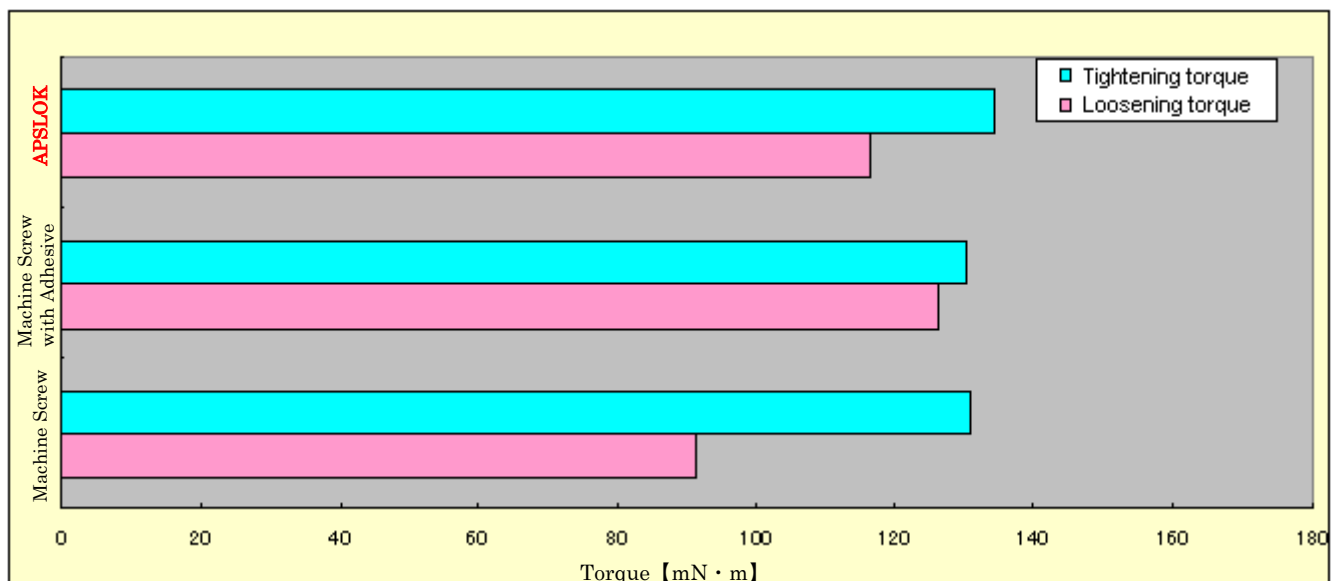
Tightening torque curve for each screws



Loosening torque curve for each screws



Loosening torque's performance comparison



Note:

Machine screw with adhesive is measured loosening torque at 24 hours after fastening.

NITTO SEIKO CO., LTD.