

## TSLG 耐落

Functional Pre-Coating  
for Fasteners,

## A Forward-Looking Value Solution Provider

Amid the global push for safer fasteners and more efficient assemblies, TSLG stands out as a pioneer with its exclusive core competencies and technology in functional pre-coating. By offering one-stop solution, it has risen to prominence worldwide.

In addition to sites in **Taiwan** (Yangmei, Taichung, Kaohsiung) and **China** (Kunshan, Dongguan, Wenzhou, Chongqing), TSLG has established plants in Bắc Ninh in **Vietnam** and Chonburi in **Thailand**. By aligning with customer needs and local production, the company provides sample validation, engineering and technical support, and coordinates Taiwan, China, and Southeast Asia operations, production, and service systems to enable local or multi-site mass production. Leveraging the world's most complete range of pre-coating materials, engineering design capability, verification technology and equipment, combined with precise coating processes and robust quality systems, TSLG aims to become a global leader in pre-coating.

Anti-loosening pre-coating comes in mechanical and chemical types. Mechanical types, like the well-known Nylok patch, offer reusability and customizable torque design. Chemical types, exemplified by the industry-leading brand precote®, are pre-coated on screws, providing high-strength, one-time-disassembly capability, boosting product safety and drastically increasing production-line efficiency. TSLG also develops its own product line for electric vehicle leak proof anti-leakage and insulation, such as products T-71/66/69/94. It can tailor pre-coat services to customer needs for anti-loosening, anti-leakage, lubrication, rust and corrosion prevention, anti-sticking, high-temperature locking, and insulation, delivering truly customized solutions.

TSLG's pre-coating delivers benefits in both reducing assembly costs and improving product performance. TSLG

utilizes laboratory data of vibration test, friction coefficients, and clamping force to support automotive customers' design decisions, ensuring component safety under high-impact conditions. Electronic customers rely on its precise quality control to prevent screw loosening and related failures, reducing the risk of large-scale product recalls. This value—combining product safety with user's peace of mind—is TSLG's mission.

Its brand spirit centers on "consistent quality, satisfying service." Through solid daily operations and multinational manufacturing bases, it supports global mass-production needs, playing a critical role in industries with evident offshoring trends. It also embraces future challenges, continuing to R&D coating applications for aluminum, titanium and other new materials, as well as special specifications and production-line automation upgrades. The goal is to lead the fastener technology toward the next peak of innovation.

Beyond expanding coating technology for automation, lightweight electronic products, and EV fastener pre-coating demand, TSLG plans to look toward AI+, EVTOL and robotics, combining green sustainability with technology and professional services to set new benchmarks, ensuring that every screw becomes a key force safeguarding the safety of products across industries worldwide. ■

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