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# High Drilling Speed and Stability- ALEX SCREW's Self-drilling Screw Technology Stands Out from Peers

*Self-drilling screws are commonly used fasteners in many outdoor and construction fastening operations, but their performance sometimes may not meet customer expectations due to insufficient technical expertise from manufacturers. Recognizing the potential market demand and application advantages of self-drilling screws, Alex Screw Industrial Co., Ltd., with its extensive screw manufacturing knowledge, has invested heavily in self-drilling screw technology in recent years, in addition to window screws and building screws. It aims to provide global customers with product solutions that combine performance and durability through its superior technology and design capabilities.*

## Penetrating Through 12 mm Thick Steel Plates in 15 Seconds

Among various short, medium, and long self-drilling screws, the one with a #5 point is arguably the most technically demanding. Previously, customers often encountered inconsistent penetration performance or fluctuating penetration times when using these screws for fastening sheet metal. However, Alex Screw's technical team conducted in-depth research into the shape and processing steps of self-drilling screws, introduced professional appearance measurement fixtures, and carried out precise control of mold service life, successfully developing the self-drilling screws whose penetration speed and stability have amazed customers. These screws will be also showcased at the Taiwan International Fastener Show 2026. "Making self-drilling screws with good quality is not easy, but making a longer #5 point self-drilling screw is even more difficult! Thanks to the efforts of our technicians, **our #5 point self-drilling screw can penetrate a 12 mm thick steel plate in 15-16 seconds, demonstrating excellent drilling speed and high stability**, and has received extremely high praise from many of our clients. Not only does it have a differentiated technological advantage, but it is also more price-competitive compared to other major manufacturers' products," Sales Manager Anne of Alex Screw said.

## Quality Control Fully Upgraded to the "Bluetooth Interconnected" System

Understanding the differences in customers' knowledge of products and two-way communication skills, Alex Screw skilled in customer communication can tailor the most suitable solutions for customers, covering materials, specifications, and technology, and can also create greater value for customers through quality control upgrades and shortened delivery times. Starting with rigorous control over associate service providers for heat treatment, electroplating, and surface treatment, it implements inspection step by step. In addition to purchasing X-ray film thickness and salt spray testing machines to control quality, its **QC personnel have fully switched to Bluetooth-interconnected instruments to integrate accurate data directly into the ERP system**, avoiding human-made errors and inaccurate reports. "Quantitative data make it easier for us to analyze and improve. In the future, we will gradually replace large instruments that have exceeded their service life to create a more complete interconnected quality control system," Sales Manager Anne said.

## Flexible Delivery Capacity- the Top Choice for Customers in Emerging Markets

In addition to stable deliveries to mature markets such as Europe, Alex Screw continues to focus on the needs of customers in emerging markets such as the Middle East, Russia, and Central/Eastern Europe who demand "good prices but not low quality," and also has suitable products to meet the needs of various building projects or structural fastening applications. "Emerging markets have significant demand for self-drilling screws, but their ordering and inquiry patterns differ greatly from those of customers in Europe and the U.S. **We can flexibly adjust shipments from our own factories in China or Taiwan to suit the regulations and customer requirements of different markets**, and we are happy to offer customers discounts without compromising quality while maintaining reasonable profits. We hope to expand our presence in emerging markets while fully satisfying our customers' needs," Sales Manager Anne said. ■

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