



Shenzhen Xintegu Hardware Co., Ltd.

Innovative Hardware Manufacturing • Oriented to Global Development

Professional Fasteners & Success Stories

C o n t e n t s

01

Company Profile

02

Characteristics and Trends of the Fastener Industry

03

Core and Featured Products

04

Global Success Stories

Company Profile

Welcome Cooperation · Create Brilliance Together

Shenzhen Xintegu Hardware Co., Ltd. sincerely invites your partnership and cooperation, to share resources and achieve win-win success. We are committed to providing our customers with competitive pricing, superior quality, and reliable delivery assurance. Whether for high-difficulty non-standard parts or standard fasteners, Xintegu is your trusted and reliable partner.

About Xintegu

An innovative hardware enterprise integrating fasteners, non-standard customized components, precision metal parts, and the design, development, manufacturing, and sales of high-difficulty metal products.

Founder Lin Yibo has dedicated decades to the fastener industry, crafting each product with meticulous craftsmanship while leading the team in continuous innovation and rapid growth.

In 2019, the production and sales base was relocated to Fenggang Town, Dongguan, covering a total area of 4,500 square meters.

Equipped with over 280 sets of advanced machinery, with an annual output value exceeding 87 million RMB.

Our products are exported to numerous countries and regions across Europe, South America, North America, Southeast Asia, and the Middle East, with offices in South Korea and Brazil to stay closely aligned with the needs of our international clients.

Factory Gate | Factory Equipment



Office Corner | Warehouse Corner



Inspection Equipment | Packaging Equipment



ISO 9001 Quality Management System Certification | Globally Recognized SGS On-Site Certification

TRUSTED FOR OUR STANDARDS

认证证书

兹证明

深圳市鑫特固五金有限公司
统一社会信用代码: 91440300MA5F40UE7K
注册地址
深圳市龙华区大浪街道浪口社区浪口工业园 96 号 310
办公地址
广东省深圳市龙华区大浪街道浪口社区浪口工业园 96 号 310

完成质量管理体系审核并符合以下标准要求

ISO 9001:2015

认证范围

五金螺丝的研发和销售

证书编号: 22ACM16185Q

初次注册日期: 2022 年 08 月 16 日
证书有效期至: (按获证标准的有效性) 2025 年 08 月 15 日

 
授权人签字
发证日期: 2022 年 08 月 16 日, V1

在证书有效期内 12 个月内应接受一次监督审核并符合获证标准的要求。如获证企业发生地址变更、标准变更等情况，应及时向认证机构申请变更。本证书的有效性依赖于获证企业持续符合认证标准的要求。获证企业应妥善保管本证书，不得涂改、伪造、冒用、转让、出借、遗失、损毁。如有违反，认证机构有权撤销证书，并追究相关法律责任。获证企业应遵守认证机构的各项规定，并接受认证机构的监督。获证企业应定期向认证机构缴纳认证费用。获证企业应定期向认证机构提供认证所需的相关资料。获证企业应定期向认证机构提供认证所需的检测报告。获证企业应定期向认证机构提供认证所需的内部审核报告。获证企业应定期向认证机构提供认证所需的客户投诉处理报告。获证企业应定期向认证机构提供认证所需的员工培训记录。获证企业应定期向认证机构提供认证所需的设备维护记录。获证企业应定期向认证机构提供认证所需的文件控制记录。获证企业应定期向认证机构提供认证所需的记录控制记录。获证企业应定期向认证机构提供认证所需的内部沟通记录。获证企业应定期向认证机构提供认证所需的内部审核记录。获证企业应定期向认证机构提供认证所需的客户满意度调查记录。获证企业应定期向认证机构提供认证所需的员工满意度调查记录。获证企业应定期向认证机构提供认证所需的内部环境记录。获证企业应定期向认证机构提供认证所需的内部安全记录。获证企业应定期向认证机构提供认证所需的内部质量记录。获证企业应定期向认证机构提供认证所需的内部环境记录。获证企业应定期向认证机构提供认证所需的内部安全记录。获证企业应定期向认证机构提供认证所需的内部质量记录。

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TRUSTED FOR OUR STANDARDS

Certificate of Registration

This is to certify that the
Quality Management System
of

SHENZHEN XINGTEGU HARDWARE CO.,LTD.
Unified social credit code: 91440300MA5F40UE7K
Registered Address
Room 310, No.96, Langkou Industrial Park, Langkou
Community, Dalang Subdistrict, Longhua District, Shenzhen
Office Address
Room 310, No.96, Langkou Industrial Park, Langkou
Community, Dalang Subdistrict, Longhua District, Shenzhen
Guangdong, China

Has been independently assessed and is
compliant with the requirements of:

ISO 9001:2015

For the following scope of activities:

R & D and Sales of Hardware Screws

Certificate Number: 22ACM16185Q



Date of initial registration: 16/08/2022
Certificate expiry: 15/08/2025
(subject to the company maintaining its system to the required standard)

 
AUTHORISED SIGNATORY
Date of this certificate 16/08/2022, V1

During validity period of the certificate a surveillance audit should be carried out once within each 12 months. The label should be pasted on specified position of right side of the certificate then it is valid. The certificate can be checked out at China CNEA website(www.cnea.gov.cn) and ACM UK website(www.acmcert.com).

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Report Number: QIP-ASH192838 Audit Date : 09 Nov.,2019

This report is issued by Focus Technology Co., Ltd. (Made-in-China.com) and the supervising inspectorate (SGS-CSTC Standards Technical Services Co., Ltd.) to confirm that:

Company Name : Shenzhen Xintegu Hardware Co., Ltd.
深圳市鑫特固五金有限公司
Showroom : <http://xintegu888.en.made-in-china.com>
Address : 508, No. 96, Langkou Industrial Park, Langkou Community, Dalang Street, Longhua District, Shenzhen, Guangdong, China
Product : CNC Machined Part, Screw


has been on site audited for the Following Scope of Activity

1. General Information
2. Foreign Trade Capacity
3. Working Environment
4. Energy Saving and Emission Reduction
5. Photos



General Comments:

Shenzhen Xintegu Hardware Co., Ltd. is a trading company with 4 employees; it was established in 2018, located in 508, No. 96, Langkou Industrial Park, Langkou Community, Dalang Street, Longhua District, Shenzhen, Guangdong, China. The company occupies an area of 80 square meters. Shenzhen Xintegu Hardware Co., Ltd. has successful foreign trading experience in South America.


Sign for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd.

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Page No.: 1 of 10
SGS (Shanghai) Standards Technical Services Co., Ltd.
Member of the SGS Group (SGS SA)

Company Patents

证书号第21649862号



专利公告信息

实用新型专利证书

实用新型名称：家具用防松扣

专利权人：深圳市鑫特固五金有限公司

地址：523000 广东省深圳市龙华区大浪街道浪口社区浪口工业园96号310

发明人：林奕波

专利号：ZL 2024 2 0342354.3 授权公告号：CN 221665052 U

专利申请日：2024年02月24日 授权公告日：2024年09月06日

申请人：深圳市鑫特固五金有限公司

申请时发明人：林奕波

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局长 申长雨



第1页 (共1页)



证书号第18139843号



专利公告信息

实用新型专利证书

实用新型名称：一种防松螺母座以及连接装置

发明人：林奕波

专利号：ZL 2022 2 2088855.8

专利申请日：2022年08月09日

专利权人：深圳市鑫特固五金有限公司

地址：518000 广东省深圳市龙华区大浪街道浪口社区浪口工业园96号310

授权公告日：2022年12月27日 授权公告号：CN 218151950 U

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局长 申长雨



第1页 (共2页)

其他事项参见续页



证书号第7674985号



专利公告信息

外观设计专利证书

外观设计名称：螺母座（防松易装易拆）

设计人：林奕波

专利号：ZL 2022 3 0515004.9

专利申请日：2022年08月09日

专利权人：深圳市鑫特固五金有限公司

地址：518000 广东省深圳市龙华区大浪街道浪口社区浪口工业园96号310

授权公告日：2022年11月11日 授权公告号：CN 307650336 S

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局长 申长雨



第1页 (共2页)

其他事项参见续页



Team Highlights



Characteristics and Trends of the Fastener Industry

1. Comprehensive Product Range and Diverse Applications

Covers a full series of products including screws, nuts, washers, pins, and expansion kits, meeting the varied needs of different industries and clients.

2. Diverse Material System

Extensively utilizes materials such as iron, alloy steel, stainless steel, copper, aluminum, and titanium, balancing requirements for strength, corrosion resistance, and lightweight performance.

3. Complex Standard Systems

Encompasses multiple standard systems including GB (Chinese National Standards), DIN (German Standards), and ISO (International Standards), accommodating technical specifications across regions and industries.

4. Wide Industry Coverage

Products are broadly applied in machinery manufacturing, construction engineering, automotive, rail transit, electronics and electrical appliances, energy, and other sectors.

5. Segmented Competitive Landscape

Intense competition exists in the low-end and general markets, while high-end and precision segments have higher entry barriers and relatively limited competition—making technology and service key advantages.

6. Sustained Market Growth

With a massive global market size, the industry is projected to maintain an average annual growth rate of approximately 5.3% over the coming years, offering vast development potential.

Core and Featured Products



1. Independent R&D Innovative Products

Continuously launch new types of fasteners that meet market demands.

2. Collaborative Development and Agency Products

Jointly develop products with partners and act as an agent for premium brands.

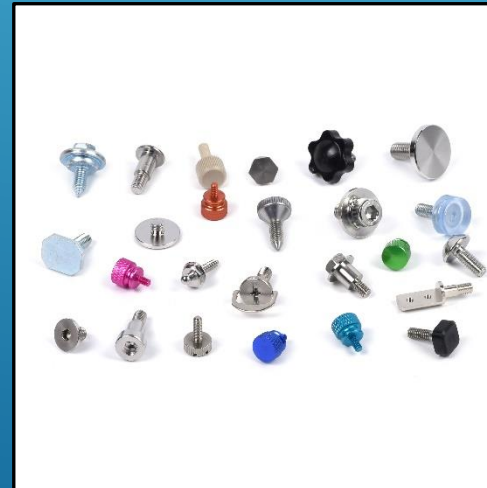
3. High-Difficulty Cold Heading Product Supply

Capable of steadily supplying cold-headed parts with complex specifications.

4. Customized Solution Services

Provide tailor-made fastener solutions for premium clients to solve real-world hardware challenges.

**Deeply Cultivating
the High-End
Segment
Integrating the
Industry
Building the Brand**

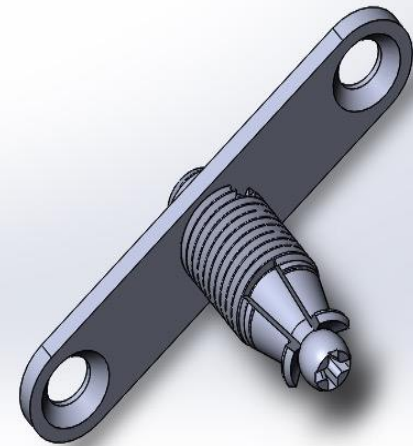


Core R&D Products and Selected Representative Product Showcase

Anti-Loosening Nut
Column



Furniture Fasteners



Anti-Loosening Buckle

Dispensing Screws



New-Process Machined
Parts

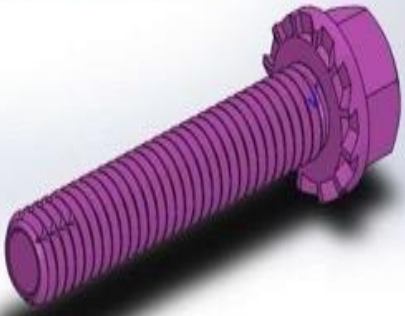


Various Customized Parts

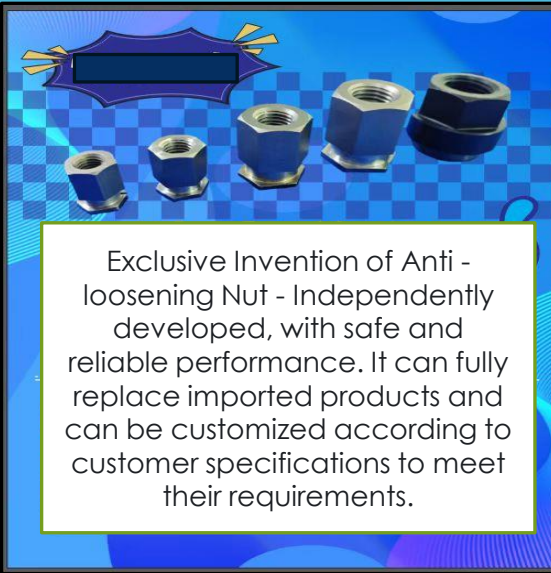


Collaborative R&D and Selected Agency Product Showcase

International Patent Anti-Loosening Bolt



Anti - loosening nut in the
National Inspection Competition:
with the best effect



Exclusive Invention of Anti -
loosening Nut - Independently
developed, with safe and
reliable performance. It can fully
replace imported products and
can be customized according to
customer specifications to meet
their requirements.

Double-layer anti-loosening gasket



Selected Global Success Stories Showcase

Case 1 (China)

Provided Xiaomi with solutions to prevent screw loosening, breakage, and rust, significantly enhancing product reliability.

Case 2 (China)

Assisted Yadea Electric Vehicles in resolving wheel-end fastening issues — preventing both loosening and over-tightening — to ensure riding safety.

Case 3 (China)

Supplied anti-loosening nuts for trial use on the Dashengguan Bridge section of the Nanjing Metro, achieving remarkable results and gaining official recognition.

Case 4 (China)

Solved the issue of screws and nuts loosening and detaching caused by vibration in the crushers at Hainan China Resources Runfeng Mining.

Case 5 (Peru)

Delivered blind-hole screws for a Peruvian food-grade machinery client, meeting the stringent 72-hour salt spray test requirement and ensuring exceptional corrosion resistance, resulting in high customer satisfaction.

Case 6 (Malaysia)

Provided complex, high-precision bolts to a Malaysian client whose stringent requirements had not been met by multiple suppliers. Our solution perfectly fulfilled their high standards.

Case 7 (USA)

Supplied lockable, easy-to-remove nut columns to an American furniture manufacturer, effectively preventing nut loosening and easing disassembly, thereby boosting production efficiency.

Case 8 (Mexico)

Welcomed a major Mexican fastener company to our factory for an on-site audit conducted by an authoritative third party. Delivered customized screws with stringent specifications and near-zero tolerance, earning their satisfaction and securing a long-term partnership.

Xiaomi Group – Screw Issues

1

Insufficient
Hardness of
Stainless Steel
Screws

2

Alloy Steel Screws
Prone to Rust

3

Alloy Steel Screws Prone
to Brittle Fracture After
Plating

4

Some Components
Loosen Easily After
Machine Vibration

Core Challenge:

For certain alloy steel screws, traditional surface treatment processes posed potential quality risks — such as hydrogen embrittlement — primarily arising from specific stages in the process. These risks were difficult to control and complex to detect.

Following evaluation, we replaced the original process with a new composite coating technology. This method effectively eliminates the root causes of these risks through targeted post-treatment measures, while also meeting aesthetic requirements (grey/matte black) via surface adjustment techniques.

In addition, a standardized material identification code has been established, significantly improving supplier order accuracy and operational efficiency.

Dispensing Screws



Domestic High-End Electric Vehicle Brand – Key Component Anti-Loosening Performance Optimization Plan



Plan Highlights

In the complex operating environment of high-end electric vehicles, the high-frequency vertical vibrations combined with parallel thrust generated during driving impose stringent requirements on the anti-loosening performance and preload torque stability of critical fasteners such as screws and nuts. Under multi-axis loading and high-frequency working conditions, conventional fastening methods are prone to preload torque decay, compromising connection stability and safety.

To address this challenge, we developed a multi-level fastening system enhancement plan based on force analysis and material performance optimization. This solution, while preserving the overall structural integrity of the vehicle, effectively strengthens the resistance of screw-nut assemblies against loosening under dynamic loads.

The approach not only improves torque retention and safety redundancy but also significantly extends the full lifecycle performance of key components, providing a solid guarantee for the stable operation of the entire vehicle.

Nanjing Metro Dashengguan Bridge Nuts

Test cases

Nanjing Metro Operation Co., Ltd.: Anti-loosening locknut testing with hook bolts and guard bolts on the Dashengguan Bridge section, testing period from July 4, 2024 to present.

Technical parameters for the connection of hook bolts and guard bolts on the Dashengguan Bridge:

No.	Item & Specification	Material	Axial Preload (N)	Working Nut Torque (N·m)	Locknut 1 Torque (N·m)	Locknut 2 Torque (N·m)	Installation Height of Working Nut & Locknut (mm)
1	Hook head bolt M22*320-340	Q235-A	Suggestion: 76300	Meet the installation torque requirements according to usage specifications.	120-160	400-450, i.e., inner and outer tapered nuts fully engaged.	45
2	Sleeve bolt M22-334	Q235-A	Suggestion: 76300	Meet the installation torque requirements according to usage specifications.	120-160	400-450, i.e., inner and outer tapered nuts fully engaged.	45

Test cases

On-site construction photos



Anti-loosening Nut Test Results for Nanjing Dashengguan Bridge Urban Rail Transit:

For the Nanjing Dashengguan Bridge urban rail transit project, the anti-loosening test of M22 x 320–340 hook head bolts and M22–334 sleeve bolts was conducted on the test track section of the bridge starting at 23:00 on July 4, 2024. After nearly six months of operational testing, the locking and anti-loosening performance of the nuts met the client's usage requirements.

Hainan China Resources – Screw and Nut Loosening and Detachment Issue

Application cases

Hainan China Resources Runfeng Mining Co., Ltd.:

Vibration testing was conducted on the hopper walls of the crusher system and finished product screening system. The bulk steel silo for finished products, finished product screening units, belt conveyor discharge chutes, and jaw crusher hoppers were all installed using anti-loosening bolts as fastening connections.

Summary of Anti-loosening Bolt Test Results

No.	Specification /Model	Hopper Wall Vibrator Parameters	Total days	Daily vibration duration (minutes)	Frequency	Vibrating force	Total number of vibrations	Axial preloading force (N)	Torque (N·m)	Test results
1	M12*70、8.8级	Y70-8-2、0.55KW、2880r/m、8KN	28	1	2880	8KN	80640	15KN	160	No loosening detected
2	M20*90、8.8级	Y70-15-2、1.1KW、2880r/m、15KN	68	1	2880	15KN	195840	100KN	260	No loosening detected
3	M20*90、8.8级	Y70-15-2、1.1KW、2880r/m、15KN	50	10	2880	15KN	1440000	100KN	260	No loosening detected
4	M20*90、8.8级	Y70-15-2、1.1KW、2880r/m、16KN	59	10	2880	15KN	1699200	100KN	260	No loosening detected
5	M24*100、8.8级	YZ0-30-4、1.5KW、2880r/m、30KN	16	1	1440	30KN	23040	150KN	350	No loosening detected

Looking Ahead

Driving Industrial Upgrades through Technological Innovation

Continue to increase R&D investment, overcome key processes and core technologies, and continuously set new benchmarks for fastener performance and quality to elevate the industry to new heights.

Accelerating Global Strategic Deployment

Deepen cultivation of existing international markets, expand into emerging high-end markets, and establish long-term, stable partnerships with premium global clients to build an internationally competitive advantage.

Focusing Deeply on Customer Value

Gain insights into diverse needs to deliver precise, customized products and solutions, comprehensively enhancing customer experience and partnership loyalty to achieve shared value.

Leading the Green Intelligent Manufacturing Trend**

Actively implement sustainable development strategies, extensively adopt eco-friendly materials and energy-saving processes, and build a low-carbon, environmentally friendly, and highly efficient green supply chain system.



Building a Digital Smart Factory

Integrate digital management with intelligent manufacturing technologies to comprehensively enhance production efficiency, quality control, and flexible manufacturing capabilities, setting a new benchmark for the factory of the future.



Thank You for Your Attention

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