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Mob: +86-17705846103 15968010949

Tel: +86-574-62021696 62021698

Fax: +86-574-62020898 62020910

E-mail: sales09@xtanchor.com, sales@xtanchor.com

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China Fastener Directory 2016



www.chinaFastener.info

Issue 18



SHINE FASTENER SHINE CHINA
The China's Fastener info Center!
Since 1998



THE 7TH ALL CHINA - INTERNATIONAL WIRE & CABLE INDUSTRY TRADE FAIR
第七届中国国际线缆及线材展览会



SPECIAL ZONE



Fastener



26-29.09.2016

Shanghai New International Expo Center

Organizers:



Messe Düsseldorf (Shanghai) Co., Ltd.



SHINE FASTENER SHINE CHINA
The China's Fastener info Center!
Since 1995



Shanghai Electric Cable Research Institute

International Supporter:



Messe Düsseldorf GmbH



Main Exhibits

Standard fasteners and non-standard fasteners: bolts, nuts, screws, studs, threaded rods, pins, rivets, washers, retaining rings, assembly and connection, welding nails, stamping parts, lathe parts, hose clamps, innovative and non-standard products



Fasteners in various industries: fasteners in industries like automobiles, motorcycles, machinery, high-speed rail, buildings, steel structure, hardware, electronics and electrical appliances, aerospace, wind power, ships



Manufacturing skills of fasteners: cold headers, molding machines, heading machines, thread rolling machines, thread rollers, tapping machines, combination machines, grinding machines, milling machines, vibrating plates, heat treatment equipment, surface processing equipment, wire drawing equipment



Supporting facilities of fasteners: molds, surface treatment, raw materials, hardware tools, testing equipment and measuring equipment, screening machines, packaging units, computer software, and other factory equipment



Target Visitor Groups

Machinery Industry



Hardware Industry



Wind Power Industry



Automobile Industry



Rail Transit Industry



Petrochemical Industry



Motorcycle Industry



Aerospace Industry



Instruments and Apparatuses Industry



Construction Industry



Military Industry



Professional Trade Industry



Electronic Appliance Industry



Ship Building Industry



Measurement and Control Industry

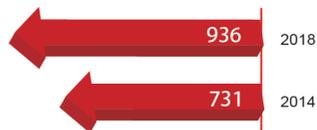


Global industrial transfer brings huge business opportunities for the fastener industry

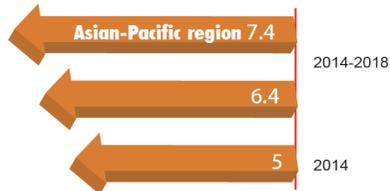
In the future, "China Manufacturing 2025" and "One Belt, One Road" development strategy will fuel the growth of the automobile, new energy, high-speed rail, urban transport, aerospace, petrochemical, infrastructure construction and other application industries, which will bring new opportunities for the fastener industry. Meanwhile, the upgrading of the fastener industry will also call for more advanced fastener technologies, so as to offer a broad market space for the growth of fastener manufacturing and its supporting facilities.

Global fastener market

Operation revenue (USD 100 million)

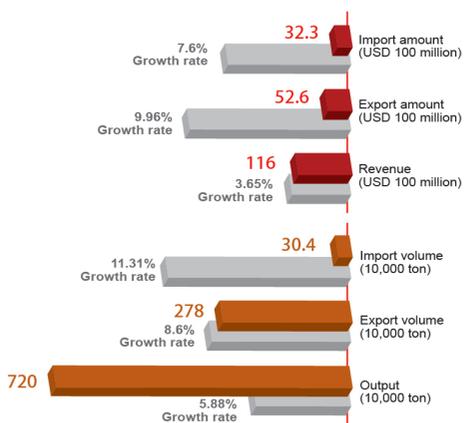


Growth rate (%)



Recent years have witnessed the increasing global demand for fasteners and the fastener industry's massive transfer to China, where fastener industry has seen an unprecedented development. China has already become the largest fastener producer in the world.

Data of fastener industry in China in 2014



The cooperation of giants in industries, making the upstream and downstream industry chain of fastener complete



Established in 1998, China Fastener Info has now grown into a three-dimensional media featuring "Website + Magazine + Trade Show", with the number of registered membership surpassing 100,000, including more than 3,000 international buyers. So far, China Fastener Info has successfully held 15 Fastener Trade Shows, with the number of exhibitors and visitors taking the lead across the globe in the same kind of exhibition. Through holding fastener exhibitions, China Fastener Info has achieved a seamless connection between the supplier and the purchaser of fastener online and off line.



All China - International Wire & Cable Industry Trade Fair (wire China for short) is a whole industrial chain display platform, which ranks first in Asia and second in the world and features wire manufacturing and finishing, metal processing tools, materials, special wires, measurement and control technology and automation equipments. wire China is a world's leading trade exhibition which puts technology in the first and integrates the most advanced and innovative technologies of the world. The professional buyers of wire China are mainly from industries like wire industry, iron and steel industry, nonferrous metals industry, automobile industry, construction industry, chemical industry, aerospace industry and other enterprises.

Fastener Special Zone, which serves as the extension of the downstream industry chain of wire and cable industry, will help professional buyers to do one-stop purchasing of raw materials of fasteners, its production equipment and the finished products, contributing to foreign export and the transformation and upgrading of domestic manufacturing industry.

Promote your products across the globe through Fastener Show

- Global publicity of overseas network of Messe Düsseldorf.
- Share the source of professional fastener media.
China Fastener Info has been in the industry for **17** years, holding the exhibition of fastener **15** times with the participation of 100,000 members. Making your search for targeted users fast and accurate.
- As the largest overseas exhibition of cable and wire show of wire Düsseldorf, the participation of a large number of international manufacturers of fasteners will make the exhibition more international, with new technology and high-tech products.
- 3** industrial giants join hands. You will get the opportunity to enjoy high-standard professional services and establish business contacts with professional buyers of wire China.

Hall Plan



Contact Us:

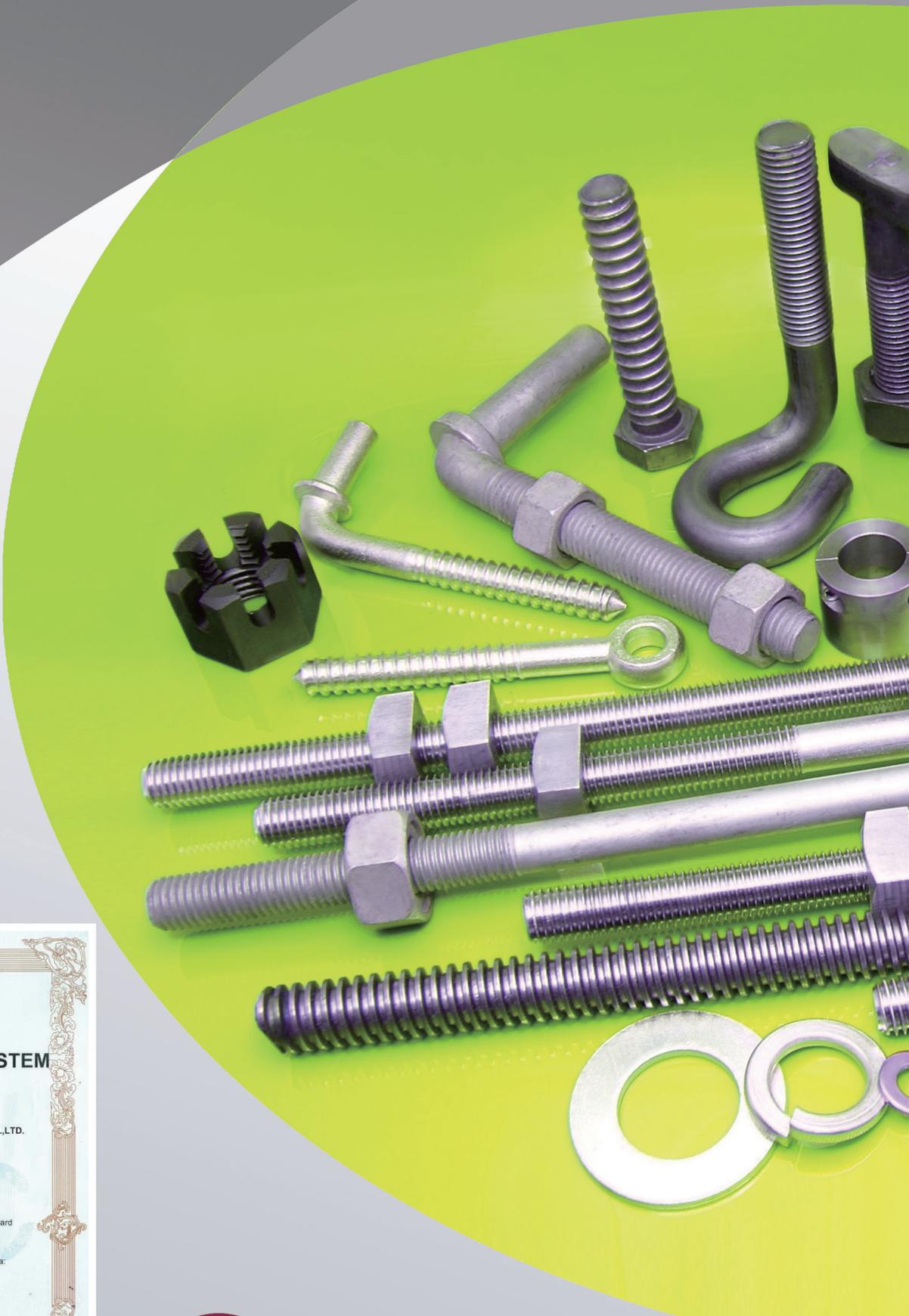


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China Fastener Info
Tel: +86-20-38861363
Fax: +86-20-38812687
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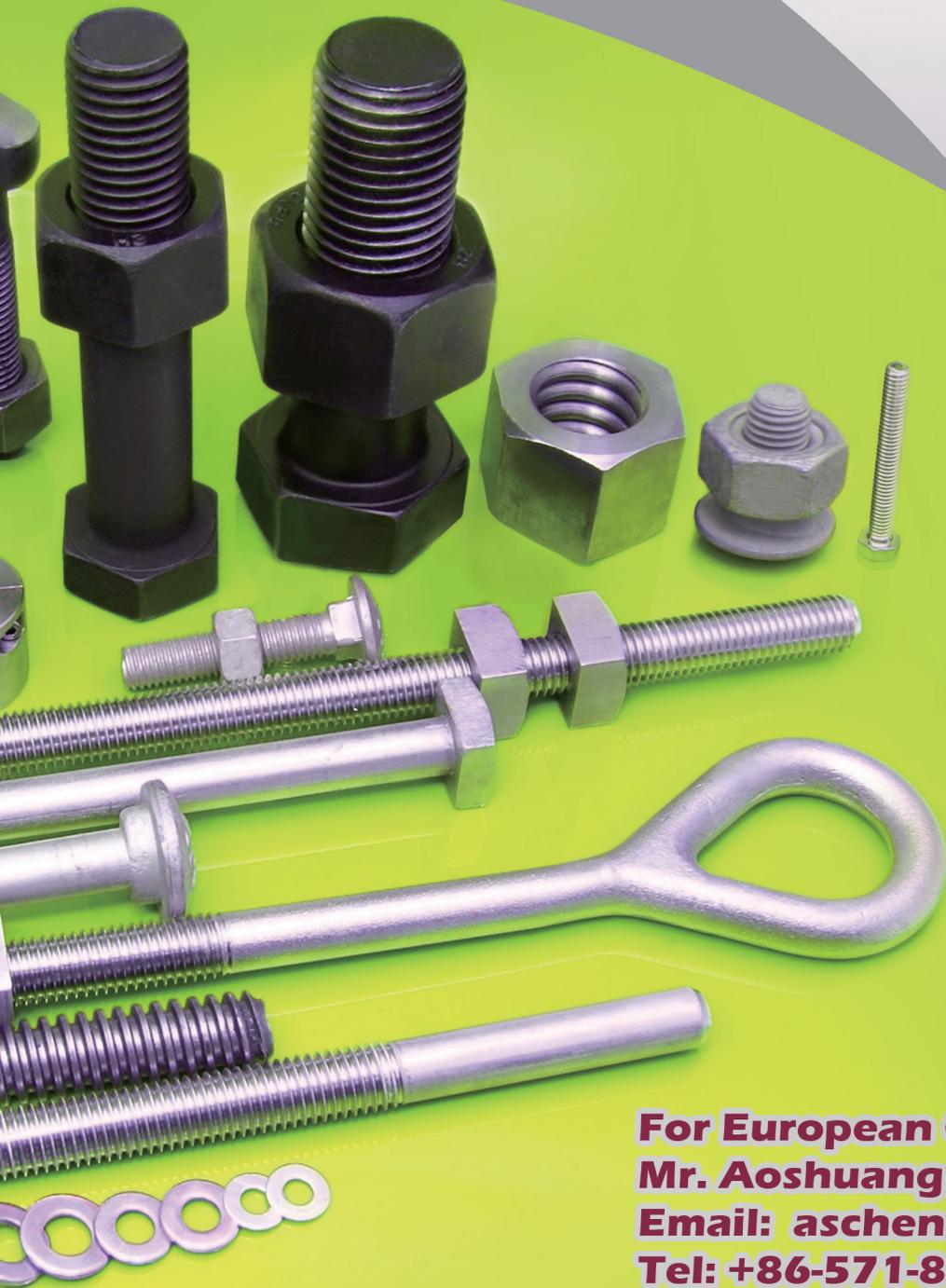


Messe Düsseldorf (Shanghai) Co., Ltd.
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Email: aschen@zjmtd.com.cn
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Fax: +86-571-85775610
Skype: a_s_chen@hotmail.com

For American Clients, please contact
Mr. Zhou Qun
Email: qzhou@zjmtd.com.cn
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ISO/TS16949 认证企业

We are the leading manufacturer of blind rivets in China, ISO/TS16949 certified. Products include open type, sealed type, multi-grip, grooved, peel type and structural rivets, made from aluminum, steel, stainless and copper. 95% of our products are exported to worldwide, which meet ISO, DIN7337 and IFI standards.

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Shanghai Fast-Fix Rivet Corp.

Professional Manufacturer Of Blind Rivets & Structural Rivets

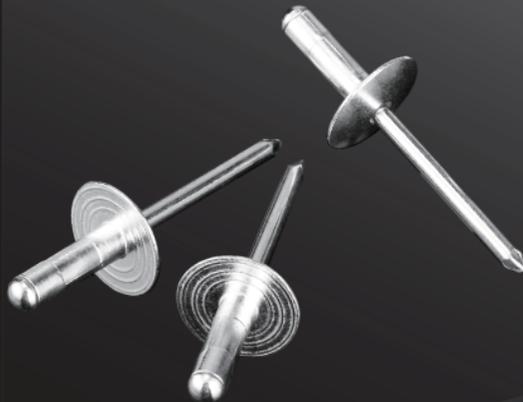
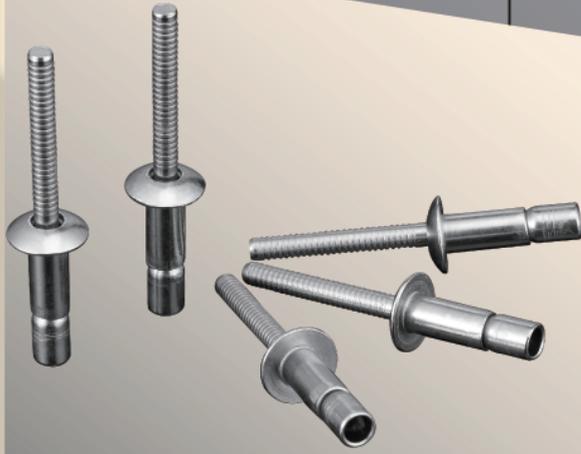
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HIGH QUALITY IN CHINA



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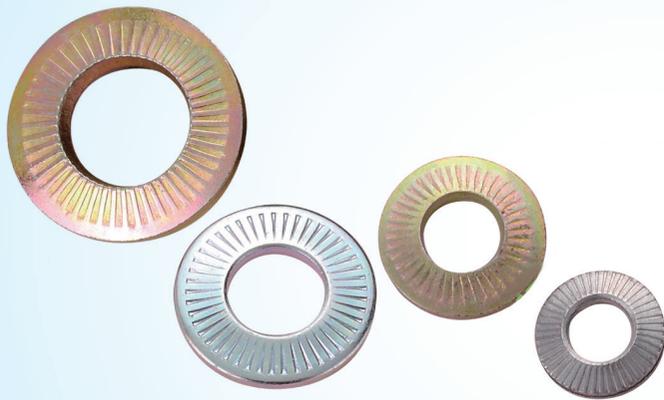
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Our main local customers are Shanghai Volkswagen, FAW-Volkswagen, Beijing Jeep, Hangzhou Siemens, DongFeng Automobile Company(Fu Kang) and so on.

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Address:No.51,Xin Li Road, Zhu Jin Town, Jin Shan District, Shanghai, China

Zip:201503

Factory

Tel:0086-21-57317386,57317385 Fax:0086-21-57321201

E-mail:wyy@shwasher.com

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- Fasteners with DIN, ANSI, BS and JIS standard
- Favorable price and satisfactory service
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For more details please contact:

Mr. Hu Jian
Phone: +86 21 63815858 ext.2218
Fax: +86 21 63816007 , 63806009
63803459 , 63814803

Email: fasteners@shminmetals.com
hardware@shminmetals.com
jinsha@online.sh.cn

Website: fasteners.shminmetals.com



Ningbo ZhengYu Fasteners Co.,Ltd

宁波正宇紧固件有限公司

As a member of China Fasteners Association, Ningbo ZhengYu Fasteners Co., Ltd is a joint venture specialized in producing large-sized fasteners, electric fittings, construction fittings, and non-standard fasteners. Founded in 1999, the company has self-operated imports and exports business right.



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Fax: +86-574-26858922

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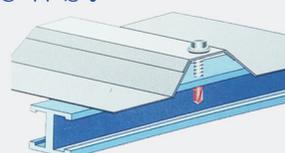


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Dongguan Kuabiao Stainless Steel Fasteners Co.,Ltd.

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Application Example

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TO BE THE LEADER IN THE INDUSTRY



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Tel:+86-769-82913581 82913582

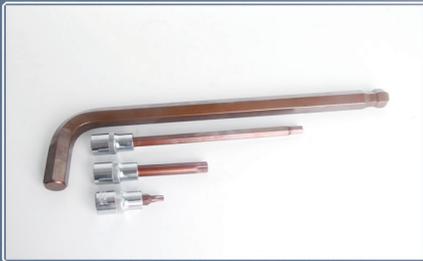
Fax:+86-769-81198876

E-mail:kuabiao@xtke-sea.com

Website:www.xtke-sea.com



HUA KANG PRODUCT LIMITED
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Contact Name: Mr. Frank Yao (President) Tel: +86-18923191655 Fax: +86-757-8595 7282
Website: <http://45453v.chinafastener.info> Email: frankyao168@hotmail.com
ADD: YINSHI ROAD, SHIBEI INDUSTRIAL AREA, SHISHAN TOWN, NANHAI, FOSHAN CITY, GUANGDONG, CHINA



BEEANTAH HARDWARE(DONGGUAN)CO.,LTD



S

Self Clinching Nut



SMPS

Self Clinching Nut For Ultra-Thin Sheets



Z

Flare In Nut



F

Self Clinching Flash Nut



FED

Self Locking Nut



SKC

Key Half Standoffs



B

Self Clinching Standoffs



BOS

Blind Threaded Standoffs



SO

Thru-hole Threaded Standoffs



TSO

Unthread Standoffs For Thin Sheets



SOU

Thru-hole Unthreaded Standoffs



SOSG

Grounding Standoffs



SSC

Smps-Top Standoffs



TPS

Self Clinching Pilot Pin



FHS

Self Clinching Stud



FHL

Close To Edge Self Clinching Stud



FH4

Harden Self Clinching Stud



TFH

Self Clinching Stud For Ultra-Thin Sheets

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providing comprehensive solutions
of locking washers skill.**

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Professionally manufacture and export DIN25201, DIN92550, S, VS, NFE2511, NFE-3L, 4L, SN60727, VSKD, VSK, etc; import washers of industry and fasteners of various import material special machine-slike SK5, SK7, SUS304, 316.

We can make the customized products which could meet the ROHS or SONY standard. Now we cooperate with many foreign trading companies, so our products are usually exported to Germany, Italy and other European countries, America as well. Welcome dealers and agents join us.



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Tangxia Town, Dongguan, Guangdong, China
Tel: +86-769-89083477
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Website: <http://www.dg-jyd.com>
Wechat: szjydwj
QQ: 273256652

WENZHOU CHINESE INDUSTRY CO., LTD

Address : No.933, Binhai 2nd Ave, Longwan, Wenzhou, Zhejiang, China
E-mail: fastener@cicsorb.com chinese@cic-hardware.com

Tel : +86-577-86996516
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Address: No.37 Zhenbei East Rd, Huangjiahu Town, Yuyao City, Zhejiang, China Zip: 315464
 Mobile: +86-17700886103 15968052949
 Tel: +86-574-62021696 62021698
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China Fastener Directory 2016

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Issue 18

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Issue 18 January 2016
Publisher China Fastener Info

Editor Alice HU
 Karen LUO
 Jane DENG

Advertising Manager Queen LEI

Production Design Cherry HUANG

Customer Service Elfin YANG

Golden Spider Network Co., Ltd.

Rm 718-723, Office Building C3, Baiyun Wanda Plaza,
 724 Yuncheng Xi Rd, Guangzhou, China
 Postal Code: 510420
 Tel/Fax: +86-20-38861363/38861343
 E-mail: fastenerinfo@3339.com
 Website: www.chinaFastener.info

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Focus on High-End Markets, Pursue Continuous Innovation

Shanghai Fast-Fix Rivet Corp.

As a Chinese leader in blind riveting systems, Shanghai Fast-Fix Rivet Corp. offers a comprehensive line of blind rivets, including open type blind rivets, close-end type rivets, multi-grip type blind rivets, grooved type blind rivets, peel type blind rivets, and structural rivets in various materials (aluminum, steel, stainless steel, copper, etc.), as well as blind rivet installation tools, including manual and pneumatic blind riveting systems, which are exported to more than 50 countries worldwide.

Here, reporter of China Fastener Info interviewed Jason WANG, general manager of Shanghai Fast-Fix Rivet Corp. to find out its latest developments and plans for the future.

HISTORY & DEVELOPMENT

To start with, could you please briefly introduce the history of Shanghai Fast-Fix?

Shanghai Fast-Fix Rivet Corp. has over 12 years experience in production &



export of blind rivets. Nowadays, we are one of the leading manufacturers of blind rivets in China, supplying over 4,000 different sizes of rivets per IFI standard, DIN7337 standard and ISO standard. The total manufacturing area is over 25,000 square meters, with annual production capability of around 2 billion pieces. We are ISO/TS16949 certified, as an OEM supplier for many European manufacturers.

What are your competitive products? Please give us some examples of their advantages.



Our competitive products are top quality structural rivets. For example, our CUP-FIX rivet has high shear strength and tensile strength, with multi-grip capability. One CUPFIX type can work to replace several standard grip fasteners which can simplify the stock control. It also has good hole filling and

sealing capability, providing strong vibration resistant joints with a visible lock. CUP-FIX is ideal for a variety of applications, such as automobiles, vehicles, ventilation, ladders and cabinets.

How about the sales performance in 2015? What is your sales target in 2016?

To our delight, our sales saw a remarkable increase in 2015, which was stimulated by new product development and global economic recovery. Especially for domestic market, our sales volume increased by over 40%, which was largely attributed to the automotive industry. As you know, China has become the largest global auto market. Our strict quality control and management system per ISO/TS16949 is essential to guarantee such an increase. This year we are expecting an increase of at least 30%.

What is the ratio of overseas to domestic sales? Who are your target customers?

The ratio is 9:1. Currently export market represents 90% of our total sales volume. We supply blind rivets to most famous manufacturers & leading distributors in Europe and North America. For domestic sales, we focus on high-end markets, such as automotive industry.

INNOVATION & STRICT QUALITY CONTROL

Nowadays, only those who keep innovating can firmly hold their market position. What measures have Shanghai Fast-Fix taken to ensure continuous innovation and improvement?

Our R&D department consists of highly skilled product designers and professional technicians. On average we require 5 to 7 weeks to bring a new product to the manufacturing stage. Due to our ability to keep up with and anticipate changes in the industry, we maintain our leading role in the fastening field.

As an innovator, Shanghai Fast-Fix must have launched many new types of rivets. Could you please introduce some significant innovations for us?

In 2006, we successfully developed a series of structural rivets, including CUP-FIX series, HEMFIX series and A-FIX series, driving China's rivet technology to a new level and breaking the domination of imported rivets in the Chinese market.

In 2008, we developed D-FIX series for use in automotive and railway systems, which filled the gap in domestic market and replaced the imported rivets.

In 2012, we developed some new products, including Stainless Steel SEAL-BULB Rivet, Plastic Tri-Fold type Rivet and Dia. 10mm Steel CUP-FIX Rivet. These new products have filled the domestic gaps. And recently a new optical sorting machine has arrived, which will enlarge our supply capability to automotive industry.



In addition to innovation, what makes Shanghai Fast-Fix stand out among industrial competitors?

We make sure that the quality of each size and every lot is under control, and conform to international standards & customer specifications. We keep subsistent samples of every lot for at least one year, to track the products in case of any problem. PPAP are also available for customers from automotive industry.

BRAND BUILDING

Today, Fast-Fix has gained recognition in both domestic and overseas markets. How do you implement brand building?

We build our brand by supplying perfect quality and professional service. More and more customers have nominated Fast-Fix as their sole supplier. We are also promoting our brand and new products by professional exhibitions and leading magazines.

It is learned that Shanghai Fast-Fix is the regular exhibitor of Fastener Trade Show. What is your goal for participation? What kinds of products do you display?

The Fastener Trade Show is a very professional exhibition, offering a good chance to meet domestic & international customers. We hope to show the customers our wide range of different products and our advantages like structural rivets.

COMPANY & INDUSTRY OUTLOOK

What is your target in the future?

Our target is to be the preferred supplier of fastening solutions to automotive industry worldwide in the near future.

In closing, as a fastener veteran, how do you consider the fastener industry in China?

China's fastener industry is developing very fast during the process of economic globalization. Meanwhile, the requirements of product quality and related technologies are also much higher than before. Simple imitation without innovation or new product development will not last long.◆



Shanghai Fast-Fix Rivet Corp.

Tel: +86-21-58912860

Fax: +86-21-58912793

Email: jason@rivet-china.com

Website: <http://7689v.chinafastener.info>, www.fastix-rivet.com





Over 20 years of experience in the fastener field, we are your reliable source with standard ANSI, ISO, DIN, BSW for Anchors, Screws, Bolts, Nuts, Washers, Nails. We are ready to be of service at all times, supplying quality fasteners efficiently and promptly.



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Sanwei Fasteners

Market-Oriented, Your One-Stop Supplier of Stainless Steel Fasteners

Dongtai Huawei Standard Component Corporation

Nowadays, Germany's "Industry 4.0" has become one of the hottest topics in manufacturing industry. Likewise, there is also a similar concept in China called "Made in China 2025". "Made in China 2025", as the Chinese version of "Industry 4.0" plan, mainly focuses on improving manufacturing innovation, integrating technology and industry, strengthening the industrial base, fostering Chinese brands, enforcing green manufacturing, promoting breakthroughs in key sectors.

So, for Dongtai Huawei Standard Component Corporation, a leading stainless steel fastener enterprise in China, what are its strategic plans in the wave of this industrial revolution? How will it seize the market opportunities in the next decade?



Eyebolts



Focus on Market Development, Provide Fastest One-Stop Support Services

Established in 1992, Dongtai Huawei Standard Component Corporation takes the geographical advantage of Dongtai, a well-known stainless steel base in China. It has fixed assets of over 100 million yuan, covering an area of more than 80,000 square meters and employing more than 300 people. It provides a variety of technical services, such as cold heading, stamping, cold extrusion, automatic machining, precision casting, etc. Its main products include stainless steel fasteners, cold extruded parts, stampings, self-clinching parts, and CNC machining parts. In addition to the domestic market, over 40 percent of its products are exported to Europe, America, Japan, South Korea, Southeast Asia and many other countries and regions.

Spokesman of Dongtai Huawei said that previously the company gave priority to order production: the company set certain product specifications based on

customer demand. In the face of the increasingly fierce competition at home and abroad, Dongtai Huawei has taken four measures to better develop the market:

1. Calculate the fastener data by means of a variety of information tools, so as to get the latest market trends and provide strong support for production and storage.
2. Make good use of product display and store sales at all branches, and take full advantage of favorable conditions at each branch for market development.
3. Develop e-commerce platform construction and cooperate with B2B websites, as the integrated platform data will lay a solid foundation for brand building.
4. As Dongtai Huawei always adheres to the principle of quality first, it will launch multiple and comprehensive promotions.

By sharing inventory data, Dongtai Huawei achieves quick transfer of goods and abundant inventory, so that the customers' requirements can be responded immediately, which shows

that Dongtai Huawei has become a one-stop supplier of stainless steel fasteners and provider of fastener solutions for customers.

Attach Great Importance to Quality and Innovation

“Huawei fasteners, good!” Foreign customers highly praised Dongtai Huawei when they visited the plant. Indeed, the high recognition should be contributed to its focus on details, quality and sincerity. “The quality control begins from the source to delivery inspection, which are strictly supervised by rigorous inspection standards, advanced inspection equipment, and professional inspection technicians.” Spokesman of Dongtai Huawei noted.

It is reported that Dongtai Huawei was the first company in Dongtai City that passed ISO 9001 international quality system certification in 1999. In December 2005, it obtained ISO14001 environmental certification. Its brand “FL” was awarded “Famous Trademark in Jiangsu Province” and “Well-Known Brand in Yancheng City”. Furthermore, it has been awarded “Top 10 China Fastener Prestigious Brand” and has been titled “Trustworthy Company in Jiangsu Province” for many years. In 2015, it was awarded “Famous Trademark of China”.

No innovation, no survival. In recent

years, Dongtai Huawei has established an R&D department to make the product development and technique process run on a “fast track”. On the one hand, it simplifies the process, so that the quotations can be sped up; on the other hand, it not only strengthens the quality and technique management, but also regulates the process operations as well.

Today, Dongtai Huawei is making every effort to enhance its R&D capability. Spokesman of Dongtai Huawei said, “In order to offer unique and competitive products, we introduced CNC processing center in 2015, providing precision machining parts for customers. To improve our inspection standards, we also replaced the old apparatus by the new precise quadratic elements video measuring instrument controlled by computers. In addition, the newly introduced dozens of automatic instrument lathes have substituted the previous manual controlled instrument lathes, so that the precision and efficiency are significantly increased. For example, one worker used to operate one machine, but now one worker can handle two or three machines with ease.”

Combination of Internet and Manufacture

During the past decade, the internet technology has been grown rapidly. It is an important change, an irreversible historical trend. Under such an impact, a



Non-standard Screws

series of traditional industries and business models are facing new challenges.

Since 2015, “Internet plus manufacture” has become a hot issue in the traditional manufacturing industries. In fact, for Dongtai Huawei started to launch online promotions on professional media (such as on www.chinaFastener.info) as early as 1998 and has established long-term business relations with buyers worldwide. In recent years, Dongtai Huawei has applied information technology in production, management, administration and R&D in order to improve production efficiency, reduce costs, improve product quality, and thereby enhance company competitiveness.

Looking to the future, Dongtai Huawei will further deepen market goals and increase customer satisfaction with excellent products. Moreover, with the spirit of continuous improvement, Dongtai Huawei will keep abreast of international standards and maintain its leading role in one-stop supplier of stainless steel fasteners! ♦

Dongtai Huawei Standard Component Corporation

Tel: +86-515-85923886, +86-21-68753496

Fax: +86-21-68753596

Email: huawei@dthuawei.com

Website: <http://40462v.chinafastener.info>, www.dthuawei.com



STL Ensures Security and Reliability of Locking Washers by Introducing State-of-the-Art Testing Equipment

Hello! I am Xiong Yejun, general manager of Dongguan STL Metal Products Co.,Ltd. First of all, I would like to extend my sincere gratitude to *China Fastener Directory* for offering me a great opportunity to introduce my company periodically. In this issue, I will give my presentation of the testing equipment performance at STL.

The DIN65151 transverse vibration testing equipment, currently the world's most advanced vibration anti-loosening testing equipment, is effective for inspecting the anti-loosening characters of fasteners in the vibration condition. The machine simulates the continuous high frequency of strong vibration environment by applying the maximum load of reciprocating vibration impact on locking washers, so as to ensure that the locking washers meet the anti-loosening performance during installation.

As the saying goes, "A thing is valued in proportion to its rarity". The DIN65151 transverse vibration testing equipment has the state-of-the-art technology and is sold by only few companies. Therefore, its price will be more expensive accord-

ingly. From the cost perspective, most of the companies cannot afford to buy it even though they are in want of it. STL is the first fastener manufacturer in China equipped with this transverse vibration testing equipment.

A qualified locking washer must have strict production process control and quality process control. From this aspect, the testing on product function is particularly important. If our products can merely meet the appearance requirement but go far from



JINYUANDA

Professional auto fastener manufacturer



Dongguan SHITELAO Metal Products Co., Ltd.

Dedicated to develop and study locking washers, and provide comprehensive solutions of locking washers skill.

ISO9001/ISO14001/TS16949/IRIS2 Quality System Certified Factory!



Professionally manufacture and export DIN25201, DIN92550, S, VS, NFE2511, NFE-3L, 4L, SN80727, VSKD, VSK, etc; import washers of industry and fasteners of various import material special machine-slike SK5, SK7, SUS304, 316.

We can make the customized products which could meet the ROHS or SONY standard. Now we cooperate with many foreign trading companies, so our products are usually exported to Germany, Italy and other Europe countries, America as well. Welcome dealers and agents join us.



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Tel: +86-769-89083477
Fax: +86-769-89083476
Website: <http://www.dg-jyd.com>
Wechat: szjydwj
QQ: 273256652





the function, the risks are very likely to occur. As an influential locking washer brand manufacturer in the industry, we have obtained various quality control certificates. We have been strictly following the quality process by applying various quality control methods (including testing equipment, testing standards, testing procedures). Our business goal is to pursue the quality concept of zero defects, making the world believe in made-in-China products.

In terms of the goal of STL factory, we are committed to offering locking washer applications and solutions, and ensuring the security and reliability of locking washers with brand name "SZJYD-LOCK". We have been working on locking washers for ten year and we will always provide our users with safe and reliabe locking washers.◆



Dongguan STL Metal Products Co.,Ltd.

Tel: +86-769-89083477

Fax: 86-769-89083476

Email: szjydwj@126.com

Address: No.1E, Qiaolongshe Huaditang, Tangxia Town, Dongguan City, Guangdong, China

Website: <http://41282v.chinafastener.info>, www.dg-jyd.com



YuYao No.2 Standard Fastener Factory

YuYao Biaoer Trading Co.,Ltd.

A Reliable Partner For Eyebolts

Established in 1973, Yuyao No.2 Standard Fastener Factory has been committed to supplying eyebolts for over 15 years. As the pioneer and leader in making and exporting eyebolts in China, Yuyao No.2 Standard Fastener Factory has built a strong reputation both in the national and international markets.

In order to provide better service to its customers, Yuyao No.2 Standard Fastener Factory established its subsidiary, Yuyao Biaoer Trading Co.,Ltd in 2006, which has the independent operating import and export right.

The main products of Yuyao Biaoer are eyebolts, dog bolts and hinges for industrial use which are made of various sizes, lengths and materials. The spherical surface is very smooth. The factory constantly introduces state-of-the-art making machines and testing equipment so as to ensure the product quality and performance.

Yuyao No.2 Standard Fastener Factory always carries out the policy of customer-orientation. Every product launched is to meet customers' different needs.

"We encourage all our customers to audit our operations so we can be fully assessed for

their quality systems and they can have first hand confidence in our capabilities. We also value their feedback in identifying possible areas of further potential improvement," Rory Ruan, general manager of Yuyao Biaoer says.

Thanks to decades of experience and cooperation with clients worldwide, Yuyao Biaoer has been one of the designated suppliers for SIEMENS and ABB. 60% of its products are sold to Germany, and the rest are to the US and other countries. 70% of its customers are end users while the remaining 30% are distributors. For its high quality, the eyebolts produced by Yuyao Biaoer are widely used in elevators, ships & machines, electric facilities, medical treatment, food processing device, and etc. Yuyao Biaoer also plans to reinforce its marketing strength in Europe and the US in the coming years.

In addition, Rory Ruan notes that, "The most

significant advantage of our company lies in the ability to accepting small-lot non-standard orders. For instance, we accepted a USD200 order from the logistics department of Malaysian Royal Air Force, which the cost of shipment was actually much higher than the cost of production. However, it can prove that many end users have confidence in and prefer submitting their order to factories directly."

The professional and rich experience of Yuyao Biaoer has helped the company experience an impressive development. Its commitment to quality and service has enabled itself as a reliable partner for eyebolts.

In the next five years, Yuyao Biaoer plans to make further investment in the factory automation and serve its customers with shorter productive cycle and higher product quality.◆

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Material: 4.6 8.8 10.9 12.9 A2-80 A4-80
 Technological process: cut precious after hot forging
 Standards: M6-M64

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 Yuyao No.2 Standard Fastener Factory
 ADD: Wucheyan Yuyao Ningbo Zhejiang China
 TEL: 0086-574-6200 3860 URL: www.biaoer.com
 FAX: 0086-574-6200 3980 E-mail: ruanlifei@biaoer.com

YUYAO NO. 2 STANDARD FASTENER FACTORY (YUYAO BIAOER TRADING CO.,LTD)

Addr: WuCheYan, SanJiaoZhan, Yuyao,
NingBo, Zhejiang Province, China

Http://www.biaoer.com
 Tel: 0086-574-6200777, 0086-574-62003860
 Fax: 0086-574-62003980

Email: ruanlifei@biaoer.com
 MT: 0086-15306621777
 Attn: Mrs. Lao / Mr. Ruan



宁波经济技术开发区甬港紧固件有限公司

Ningbo Economic & Technical Development Zone Yonggang Fasteners Co., Ltd.

Ningbo Economic & Technical Development Zone Yonggang Fasteners Co., Ltd. is specialized in the products of guardrail bolts, carriage bolts, hex bolts, hex wood screws. Furthermore, it produces ANSI Grade5 and DIN Grade8.8 + High Strength Bolts and flange bolts. We also customize various special-shaped parts according to the customers' requirements and specifications.

Product specifications: diameter 6mm – 24mm (1/4" – 3/4"), screw length 10mm – 450mm (1/2" – 18"). It is worthwhile to be noted that the Carriage bolts and Guardrail bolts had been rated as high-quality and famous products by China General Machine Components Industry Association and Fasteners Professional Association from 1998 to 2008. The annual production capacity is over 20,000 ton, 95% of which are exported to overseas markets including USA, Canada, Australia, Europe, Southeast Asia, Russia, South America, etc.

We received the ISO 9001: 2008 International Quality Management System Certification in May 2003 as well as the International Customer Guardrail bolts Product Quality Certification in 2007.

Main Products:

Pan head square neck carriage bolts in standards of DIN, BS, IFI, AS, hex bolts, guardrail bolts, flange bolts and other special bolts.



Address: FuShan South Road No.17, Beilun, Ningbo, China

Fax: +86-574-88483288; +86-574-86232077

Zip code: 315803

Contact Name: WILSON/ALLY

Website: <http://www.cnyonggang.com>



Tel: +86-574-86232088/88352188

E-mail: nbyg@cnyonggang.com

Handan Zhengxin Spends RMB1.2 Billion on

“High-End Fastener Production Project”



Benefiting from the introduction of a large number of high-end machines and the improvement of operational capacity, Handan Zhengxin Fasteners Co.,Ltd. has achieved steady growth in net profit in recent years. In the past five years, Handan Zhengxin, led by its CEO Anna Zhang, has stood out among many other fastener companies and made remarkable achievements with domestic sales of more than RMB 67 million in 2014.

Anna Zhang, enterprise legal person and CEO of Handan Zhengxin said in an interview, “At present, the competition of China’s fastener industry is becoming increasingly fierce. Only if our core competitiveness enhances can we secure an invincible position. Along with the implementation of brand strategy, we will adhere to the policy of diversified development, constantly optimize internal operation mechanism, improve production technique, control and save costs reasonably, and guarantee customers good quality products. It is expected that the sales performance in 2015 will maintain the growth rate of 2014.”

Established in May 2012, Handan Zhengxin Fasteners Co.,Ltd. is a

modern large-scale enterprise specializing in fastener production, steel distribution, warehousing and logistics. Covering an area of more than 50,000 m², the company has four departments, namely Domestic Sales Department, Foreign Trade Department, Manufacturing Department and Overseas Marketing Department. Handan Zhengxin can provide a wide range of products with full specifications, including lock nuts, countersunk bolts, hex bolts, round head hex socket screws, self tapping screws, hex nuts, etc., which are made according to the standards of GB, DIN, BS, JIS, etc. Meanwhile, it can also customize non-standard products and special-shaped parts as per drawings.

In order to adapt to the rapid development of the company, Handan Zhengxin has started to adjust its product structure gradually and transfer to the high-end fastener market, which echoes its development concept of “creating something new”. This transition drives the company to get rid of the previous pattern dominated by low-end products and enables it to seize the high-end market. According to Anna Zhang, Handan Zhengxin is planning to spend RMB 1.2 billion on “high-end fastener production project”. After the completion of the project, the annual output of high strength fasteners and stainless steel fasteners for used in automobiles, electric appliance, furniture and electric power is projected to reach 125,000 tons. Moreover, the new plant is expected to provide more employment opportunities for talents. By then, the tangible assets (the new plant) will be invigorated by the intangible assets (talents).



In terms of company strength, Anna Zhang pointed out, "Quality is the lifeline of enterprise development. Since the inception, Handan Zhengxin has been insisting on the principle of quality first and quality efficiency, and implementing the ISO9001 quality assurance system during every process of production and sales. We attach great importance to every aspect of production, and do not allow any errors occurred in each step."



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"Our company has introduced several state-of-the-art production machines, including precision high speed thread rolling machines from JIANCAI, multi-stage cold heading machines from SHANGHAI BIAULI, cranes from HENAN MINE, cold heading machines from GUANGAN, oil extracting machines from DONGGUAN ZHENGXIONG, forklifts from TAIWAN HONGFU, etc. Excellent quality management, together with advanced inspection devices and methods, will satisfy users' needs as much as possible and protect consumers' interests." Anna Zhang added.

By virtue of refined products, excellent packaging and good service, Handan Zhengxin is well recognized by customers at home and abroad. Its products are widely used in automotive, engineering machinery, general machinery, and municipal infrastructure industries, and are exported to North America, South America, Australia, Europe, South Africa, the Middle East and other regions. It should be highlighted that Handan Zhengxin won the award of "Quality and Recommended Products of

Yongnian Fastener Industry" in 2014.

Anna Zhang is confident about the company's future. She told reporter of China Fastener Info, "Policies such as 'One Belt and One Road' and Yongnian government laying great emphasis on high-end fastener development have a positive effect on us. Additionally, a number of favorable policies, that are good for railway, construction, shipbuilding and other industries, will directly benefit our company, for we provide the supporting basic parts for those industries. With the expansion of market capacity in the future, we will actively expand our market share in related areas. Meanwhile, aiming to make Handan Zhengxin gradually known and recognized by the world, we will also further promote our product and brand in the international market by joining some large B2B platforms such as China Fastener Info which help stimulate business process reengineering and integrate global resources."◆

Handan Zhengxin Fasteners Co.,Ltd.

Address: Southern Guangfu Street, Southwest of Yongnian Industrial Area, Yongnian County, Handan City, Hebei Province, China

Tel: +86-310-6666804

Fax: +86-310-6666805

Email: anna@good-fastener.com

Website: www.good-fastener.com, <http://92465v.chinafastener.info>



TOP SUPPLIERS recommendation

In the next pages, you will find recommended namecards of “Top Supplier” in China. You can call, fax or email your inquiries directly to the companies or visit www.chinaFastener.info, click on the “Top Supplier” banner for further information. Be sure to let these companies know you saw them in *China Fastener Directory (CFD)*.



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Fax: 86 20 38812687

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Website: www.chinaFastener.info

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Anhui Karry Auto Parts Manufacturing Co.,Ltd.

Bolts, nuts, self-tapping screws, jaws, washers, pins, clamps, loose core rivets, springs, belts, standard parts, special fasteners.



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 Fax: +86-553-8128890
 Email: krqylf@163.com
 Website: <http://93708v.chinafastener.info>

Boito Metal Co.,Ltd.

Self-drilling screws, stainless steel screws, self-tapping screws, wood screws, chipboard screws, drywall screws, machine screws, thread forming screws, bolts, rivets.



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 Fax: +86-769-83128900
 Email: boito@vip.163.com
 Website: <http://33025v.chinafastener.info>, www.boitoscrew.com

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Aozhan Industrial Co.,Ltd.

Hex bolts, nuts, hex socket screws, carriage screws, wing screws, wing nuts, hex nuts, cotter pins, washers, machine screws, tapping screws and threaded rods in accordance with GB, DIN, ISO, JIS, ANSI/ASME, etc. as well as special parts and stainless steel wires.



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 Fax: +86-571-82105893
 Email: azsyyxgs@163.com
 Website: <http://17046v.chinafastener.info>, www.aozhan.com.cn

P65

Bolt Mfg. Trade Ltd. Haiyan

Hex bolts, carriage bolts, hex lag bolts, hex nuts, threaded rods, washers.



Tel: +86-573-86178181, 86178282, 86178383
 Fax: +86-573-86177766
 Email: sales@boltmfg.com
 Website: <http://83420v.chinafastener.info>, www.boltmfg.com

P53

Beeantah Hardware (Dongguan) Co.,Ltd.

Self clinching nuts, self clinching nuts for ultra-thin sheets, flare in nuts, self clinching flash nuts, self locking nuts, key half standoffs, self clinching standoffs, blind threaded standoffs, thru-hole threaded standoffs, unthreaded standoffs for thin sheets, etc.



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 Fax: +86-769-87312289
 Email: info@beeantah.com
 Website: <http://40479v.chinafastener.info>, www.beeantah.com

BSC Corporation Ltd.

Flat washers, spring washers, square washers, marble angles, stamping parts, stainless steel bolts, stainless steel nuts, stainless steel threaded rods, steel fasteners.



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 Fax: +86-21-56383751
 Email: export@bscmetal.com, billow_su@263.net
 Website: <http://17071v.chinafastener.info>, www.bscci.com

Beijing Zhaotong Bofa Fasteners Co.,Ltd.

Hex bolts, hex socket bolts, flange bolts, carriage bolts, square bolts, eye bolts, anchor bolts, U-bolts, T-bolts, rod bolts, nuts, large size specialty parts, large size fasteners, etc. Product grades: 4.8, 8.8, 10.9, 12.9.



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 Fax: +86-10-67889023
 Email: bj-ztbf@163.com
 Website: <http://25344v.chinafastener.info>, www.ztbf.com

Changshu City Standard Parts Factory

Chipboard screws, fasteners for automobiles, hex head bolts, hex socket screws, hex nuts.



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 Email: 1401545600@qq.com
 Website: <http://8608v.chinafastener.info>, www.china-dali.cn

Changzhou New Jack-Hook Parts Co.,Ltd.

Carbon steel, stainless steel fasteners and stamping parts.



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Fax: +86-519-69666088

Email: newjackhook666@163.com

Website: <http://81755v.chinafastener.info>, www.cznjh.com

Chengzhi Metal Mfr. Co.,Ltd.

Self-tapping threaded inserts, CNC precision parts, self-clinching nuts, self-clinching standoffs, plastic, nuts, studs, bolts, hardware, weld screws, blind rivets, panel fasteners, panel screws, K-nuts, female/male spacers.



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CHENG ZHI METAL

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Fax: +86-755-27685476

Email: chengzhi100@126.com, chengzhi0008@126.com

Website: <http://2157v.chinafastener.info>,
www.cnchengzhi.com.cn

Changzhou Wujin Jiangnan Special Type Screw Co.,Ltd.

Lock bolts, blind rivets, semi-tubular rivets, shoulder rivets, welding nuts, non-standard bolts.



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Email: sales@jiangnan-screw.com

Website: <http://3167v.chinafastener.info>, www.jiangnan-screw.com

ChunYU (Dongguan) Metal Products Co.,Ltd.

Stainless steel screws, screws, nuts, self-tapping screws, self-drilling screws, flange bolts, flange nuts, weld screws, wood screws, chipboard screws, non-standard fasteners, stainless steel bars and wire rods, auto fasteners.



Tel: +86-769-83310921

Fax: +86-769-83181001

Email: 13922977159@139.com

Website: <http://10578v.chinafastener.info>, www.chunyu.com.cn

Chaoyi Screw Industry (Taicang) Co.,Ltd.

Building series, automobile series, electric series, nut series, screw series.



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Email: chaoyi@chaoyiscrew.cn

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DongGuan City LenMain Metals Products Co.,Ltd.

All kinds of stainless steel wire, stainless steel bars.



Tel: +86-13717178997

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Email: dglanmeng@163.com

Website: <http://41349v.chinafastener.info>,
www.dglanmeng.com

Chengdu Xinxin High-Strength Fastener Manufacture Co.,Ltd.

High strength fasteners, standard products, custom products.



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Fax: +86-28-82433173

Email: xq@xqfastener.com

Website: <http://1864v.chinafastener.info>, www.xqfastener.com

Dongguan Dalang Shuying Hardware Product Co.,Ltd.

Screws, such as non-standard screws, special screws, T screws, step screws, extended screws, color screws, torx plastic screws, carriage screws, socket head cap screws, hexagon head screws, self-tapping screws, wood screws, stainless steel screws, set screws, sport equipment supporting screws.



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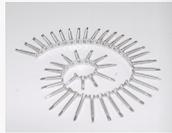
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Email: 516940540@qq.com

Website: <http://73296v.chinafastener.info>, www.dlxlwjgs.com.cn

Dongguan Guoxing Hardware Co.,Ltd.

Stainless self-drilling screws. Sizes range from #6-#16. Drill point size from L2 - L5. Length up to 200mm. Variety of head types.



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 Website: <http://36527v.chinafastener.info>, www.gd-gxwj.com

Dongguan Qiangmao Hardware Trading Co.,Ltd.(Dongguan Chuntian Metal Co.,Ltd.)

Blind rivets, chipboard screws, self-drilling screws, blind rivet nuts, drywall screws, single grip blind rivets.



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 Fax: +86-769-83181588
 Email: 1749918286@qq.com
 Website: <http://41098v.chinafastener.info>

Dongguan Jingke Plastic Hardware Co.,Ltd.

A full range of plastic industrial parts and fasteners, including plastic fasteners, resistance buffer units, wiring parts, door and lock switch fasteners, PCB standoffs, sleeves, auto parts, LED lighting parts, plastic radiators, springs, etc.



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 Fax: +86-769-87137028
 Email: gt48@heyngcn.com
 Website: <http://90722v.chinafastener.info>, www.partbuy.cn

Dongguan Sanhewlett Metal Products Co.,Ltd.

Non-standard fasteners, machine screws, self-tapping screws, insert nuts, rivets, hollow bolts & nuts.



Tel: +86-769-83518248, +86-22-86837818
 Fax: +86-769-83518243, +86-22-86837816
 Email: business@sanhewlett.com.cn
 Website: <http://10383v.chinafastener.info>, www.sanhewlett.com.cn

Dongguan Kaiyang Hardware & Machine Co.,Ltd.

Furniture hardware fittings, light hardware fittings, bicycle parts and accessories, K-lock nuts, nylon lock nuts, conical nuts, micro hex nuts and customized non-standard fasteners.



Tel: +86-13416787909
 Fax: +86-769-83186265
 Email: 1628763677@qq.com
 Website: <http://9904v.chinafastener.info>, www.dgkaiyangwj.com

Dongguan Shengbiao Hardware Products Co.,Ltd.

Nylon lock nuts, K nuts, tooth nuts with flange, nylon bags, nylon caps, lighting hex nuts, flange nuts, nuts, caps, T nuts, casings, etc.



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 Fax: +86-769-83206780
 Email: lgc@3339.com
 Website: <http://57936v.chinafastener.info>

P10

Dongguan Kuabiao Stainless Steel Fasteners Co.,Ltd.

Stainless steel self-drilling screws, bi-metal self-drilling screws.



Tel: +86-769-82913581, 82913582
 Fax: +86-769-81198876
 Email: kuabiao@xtke-sea.com
 Website: <http://96243v.chinafastener.info>, www.xtke-sea.com

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Dongguan SHITELAO Metal Products Co.,Ltd.

Locking washers. DIN25201, DIN92550, S, VS, NFE2511, NFE-3L, 4L, SN60727, VSKD, VSK, etc.



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 Fax: +86-769-89083476
 Email: szjydwj@126.com
 Website: <http://41282v.chinafastener.info>, www.dg-jyd.com

Dongguan Wurong Hardware Co.,Ltd.

Hex bolts, set bolts, hex socket cap screws, hexagon socket button head screws, hex socket head screws, recoil inserts, nuts, nylon screws, nuts, circlips for shaft.



Tel: +86-769-85473116

Fax: +86-769-85472213

Email: pan@dgwr.com

Website: <http://49097v.chinafastener.info>, www.dgwr.com

Dongtai Qile Metal Products Co.,Ltd.

Flat washers, bolts, stamping parts, nuts, screws and other mechanical parts.



Tel: +86-515-85910879, +86-13040164016

Fax: +86-515-85910738

Email: 874201117@qq.com

Website: <http://34546v.chinafastener.info>, www.qifastener.com

Dongguan Zhengyuan Metal Products Co.,Ltd.

Slotted set screw series, hexagon round head screw series, hexagon flat head screw series, non-standard part series.



Tel: +86-769-81119900, +86-13829110652

Fax: +86-769-81119955

Email: zy@0769zhengyuan.com

Website: <http://39267v.chinafastener.info>

Fenghua City General Standard Components Factory

High strength standard and non-standard parts for automobiles and motorcycles. Wheel bolts, wheel nuts, flange bolts, flange nuts, hex head bolts, screws, self-tapping screws, hex nuts, anchor bolts, special fasteners, etc.



Tel: +86-574-88915038

Fax: +86-574-88927698

Email: web@fhtongyong.com

Website: <http://1372v.chinafastener.info>, www.fhtongyong.com

Dongtai Chirui Metal Products Co.,Ltd.

Stainless steel flat washers, square cushions, round cushions, spring washers, internal and external tooth washers, stainless steel washers.



Tel: +86-515-85917968

Fax: +86-515-85917998

Email: 1784779262@qq.com

Website: <http://51091v.chinafastener.info>, www.hhfast.com

Foshan Nanhai Hekang Hardware Product Co.,Ltd.

P53

Screws in Grade 12.9, 10.9 and 8.8 & ss screws, DIN912/GB70 hexagon socket head cap screws, DIN931-933/GB5782-5783 hexagon head screws, DIN7991 hexagon socket countersunk head screws, ISO7380 hexagon socket button head screws, ISO7379 hexagon socket head shoulder screws, DIN916-45H alloy steel hex socket head set screws.



Tel: +86-18923191655

Fax: +86-757-85957282, +86-20-81121965

Email: 429890629@qq.com

Website: <http://45453v.chinafastener.info>

Dongtai Huawei Standard Component Corporation

Stainless steel hex head cap screws, hex socket head cap screws, anchor bolts, threaded rods, wire rods, self tapping screws, thread forming screws, expansion bolts, square neck bolts, punch products, etc.



Tel: +86-21-68753496

Fax: +86-515-85525866, +86-21-68753596

Email: huawei@dfhuawei.com

Website: <http://12317v.chinafastener.info>, www.dfhuawei.com

Foshan Zhengli Hardware Co.,Ltd.

Stainless steel screws, set screws, screws according to ANSI, expansion bolts, thumb screws, studs, nuts, cap nuts, stainless nuts, nuts according to ANSI, thumb nuts, nylon nuts, hex screws, machine screws, washers.



Tel: +86-757-89370931, 89953539, 89953568

Fax: +86-757-81771906

Email: dalwj@163.com

Website: <http://74443v.chinafastener.info>, www.dalwj.com

Guangzhou Beihui Hardware Co.,Ltd.

Stainless steel cup rivets, stainless steel open end blind rivets, ring-grooved lockbolts, peel rivets, all stainless steel sealed blind rivets, stainless steel screws, hexagon riveted nuts, nylon lock nuts, hex nuts with flange, rivet guns.



Tel: +86-20-84733203, 84735639, 4008801175, +86-13922241582
 Fax: +86-20-80724901
 Email: applewon-123@163.com
 Website: <http://56265v.chinafastener.info>, www.bhrivet.com

Haiyan Fasteners Factory

Carriage bolts, hex head bolts, flange bolts, rivets, non-standard fasteners, furniture fasteners.



Tel: +86-573-86513188, 86511248
 Fax: +86-573-86511248
 Email: hyxugx@126.com, yongjin@mail.jxptt.zj.cn
 Website: <http://10051v.chinafastener.info>, www.hyff.com

Guangzhou Xingu Hardware Co.,Ltd.

A. Bolts made by stainless steel 201, 304, 316; nuts and washers. B. High strength bolts in grade 8.8, 10.9, 12.9 with nuts and washers. C. Supporting products: movable joints, rivets, hose clamps, hasps, doorhinges, wire thread inserts.



Tel: +86-20-83347858, +86-13822292927
 Fax: +86-20-83347858
 Email: xinguwujin@163.com
 Website: <http://90123v.chinafastener.info>

Haiyan Fengyue Fasteners Co.,Ltd.

Automotive parts, high tensile bolts, tower bolts, high tensile nuts and washers, non-standard bolts, machine screws, dry-wall screws, chipboard screws, etc.



Tel: +86-573-86059107, 86059207
 Fax: +86-573-86059307
 Email: 2049399211@qq.com
 Website: <http://84340v.chinafastener.info>

Haining Sanlic Fastener Factory

Various non-standard fasteners, full range of non-standard nuts.



Tel: +86-573-87537823
 Fax: +86-573-87539603
 Email: fbsy32@gmail.com
 Website: <http://39897v.chinafastener.info>

Haiyan Heda Non-Standard Fastener Factory

Square nuts, square weld nuts, flange weld nuts, non-standard hardware, etc.

Tel: +86-573-86095158
 Fax: +86-573-86285112
 Email: hyheda@163.com
 Website: <http://94838v.chinafastener.info>, www.haiyanheda.com

P82

Haiyan Ausin Hardware Co.,Ltd.

Drilling screws, chipboard screws, eye screws, tapping screws, wood screws, wedge anchors, drywall screws, machine screws, blind rivets.



Tel: +86-573-86129299
 Fax: +86-573-86120322
 Email: sales@hyausin.com
 Website: <http://96966v.chinafastener.info>, www.hyausin.com

Haiyan Hongrun Fasteners Co.,Ltd.

Grade 4.8, 8.8, 10.9 and 12.9 hexagonal flange bolts (including non-slip toothed flange screws, wheel hub screws and seat belt screws), high strength auto and motorcycle fasteners and other kinds of non-standard special items.



Tel: +86-573-86806666, +86-13506664650, 13506666092
 Fax: +86-573-86866789
 Email: xjw@wz-hr.com
 Website: <http://20356v.chinafastener.info>, www.jxyhr.com

Haiyan Hongzhou Fasteners Co.,Ltd.

Machine screws, stud screws, furniture screws, threaded rods, U bolts, L bolts.



Tel: +86-573-86646522, +86-13706832848
 Fax: +86-573-86646521
 Email: hzbzj123@163.com
 Website: <http://37181v.chinafastener.info>

Haiyan OuLai Hardware Products Co.,Ltd.

Self drilling screws, drilling screws with tapping screw thread, DIN7504, IFI SAE J78.



Tel: +86-573-86862922
 Fax: +86-573-86862922
 Email: hzshinlin@sina.com
 Website: <http://52481v.chinafastener.info>, www.chinesefastener.com.cn

Haiyan Huarui Fasteners Co.,Ltd.

Screws, bolts, nuts according to DIN, ANSI, BS, UNI standards.



Tel: +86-13706831331
 Fax: +86-573-86285583
 Email: huarui571@foxmail.com
 Website: <http://36990v.chinafastener.info>

Haiyan Qunxing Nuts Co.,Ltd.

M3-M30 nuts, high-strength nuts, galvanized nuts, black nuts, flange nuts, weld nuts, brass nuts, and various shaped nuts.



Tel: +86-573-86815261
 Fax: +86-573-86815262
 Email: 402245023@qq.com
 Website: <http://37468v.chinafastener.info>

Haiyan Junyuan Standard Fasteners Co.,Ltd.

Hex bolts, carriage bolts, square head bolts, machine screws, hex flange surface screws, countersunk head bolts, roofing bolts, pins, hex nuts and threaded rods.



Tel: +86-573-86211556
 Fax: +86-573-86287218
 Email: 757304931@qq.com
 Website: <http://49740v.chinafastener.info>, www.bolthome.com

P47

Haiyan Shengda Metalware Co.,Ltd.

Phosphating surface treatment for automotive fasteners, motors, and bearing wear-resistant parts.

Tel: +86-13906839049
 Email: 498707829@qq.com
 Website: <http://96928v.chinafastener.info>

Haiyan Minghua Standard Parts Manufactory

Wood screws, self tapping screws, machine screws, chipboard screws, etc.



Tel: +86-573-86153766, +86-13906831766
 Fax: +86-573-86111706
 Email: hyminhua@126.com
 Website: <http://40366v.chinafastener.info>

Handan City Jingheng Anchoring Co.,Ltd.

Hex bolts, hex nuts, hex screws, bolt anchors, hex bolts, sleeve anchors, wedge anchors, metal frame anchors, heavy duty shield anchors, spring washers, drop in anchors, foundation bolts.



Tel: +86-310-5607000
 Fax: +86-310-5607000
 Email: hdjingheng@126.com
 Website: <http://91190v.chinafastener.info>, www.hdjhmjg.cn

Handan Daduo Trade Co.,Ltd.

Carriage bolts.

Tel: +86-13603308068

Fax: +86-310-5139896

Email: 2277357689@qq.com

Website: <http://66467v.chinafastener.info>



Handan Ligong High Strength Fastener Co.,Ltd.

High strength bolts.

Tel: +86-310-6886970, +86-13363063929

Fax: +86-310-6886970

Email: hdligong@yahoo.com

Website: <http://92059v.chinafastener.info>,
www.hdligong.com



Handan Feida Standard Fastener Factory

Anchors, pins, nuts (oil connection nuts, heavy nuts, hex nuts, flange nuts, high-strength nuts), L screws, bolts, etc.

Tel: +86-310-6639002

Fax: +86-310-6639000

Email: business@fdbzj.com, business@hd-feida.com

Website: <http://60940v.chinafastener.info>,
www.hd-feida.com



Handan Ruiqiang Fasteners Manufacturing Co.,Ltd.

P80

Hexagon bolts, customized products: bolts with reduced shank, tower bolts, carriage bolts, threaded rods, studs, galvanized bolts, HDG bolts, DIN (931, 933, 934), matched nuts, special-shaped bolts.

Tel: +86-310-6889158

Fax: +86-310-6888669

Email: rqbzj@126.com

Website: <http://52197v.chinafastener.info>, www.hbrqjgj.com



Handan Fuqiang Fastener Co.,Ltd.

Nuts, high-strength nuts, hexagon flange nuts, lock nuts, nuts of DIN, BS and ANSI standards.

Tel: +86-310-8530236, +86-15027956898

Fax: +86-310-8530238

Email: kateyfqfastener@hotmail.com

Website: <http://53341v.chinafastener.info>,
www.heb-fuqiang.com



Handan Yongqiang Fasteners Co.,Ltd.

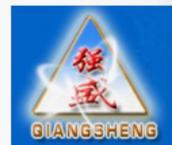
L type foundation bolts, T type bolts and nuts, standard fasteners, metro bolts, high strength bolts, nuts and washers, expressway guardrail bolts and nuts, concrete bifurcation pillow bolts, non-standard screws, hex socket cap bolts.

Tel: +86-310-6888682

Fax: +86-310-6894851

Email: 825125170@qq.com

Website: <http://44826v.chinafastener.info>, www.yqjgj.cn



Handan Jinggong Construction Anchor Manufactory Co.,Ltd.

Sleeve anchors, wedge anchors, hammer drive anchors, shield anchors, drop in anchors.

Tel: +86-310-5607888

Fax: +86-310-5139520

Email: hdjinggong@aliyun.com

Website: <http://69481v.chinafastener.info>, www.jinggong-bzj.com



Hangzhou DingYuan Metal Washers Co.,Ltd.

Spring washers and flat washers, stamping parts.

Tel: +86-571-83782296

Fax: +86-571-82875869

Email: sales@dyfasteners.com

Website: <http://23505v.chinafastener.info>, www.dyfasteners.com



P80

Hangzhou Jinmin Import & Export Co.,Ltd. Haining Shuangmin Fasteners Co.,Ltd.

Kinds of nuts, including hex nuts, nylon insert lock nuts, hex slotted nuts, square nuts, flange nuts, wing nuts, etc.



Tel: +86-573-87902367
Fax: +86-573-87999857
Email: sam@hzjinmin.com
Website: <http://68067v.chinafastener.info>, www.nuts.net.cn

Hebei Chiyong Standard Parts Co.,Ltd.

High strength bolts, auto bolts, high strength bolts with large hexagon head, sets of torshear type high strength bolts, hexagon nuts and plain washers for steel structures, flange bolts, high strength nuts, non-standard fasteners.



Tel: +86-13283169678
Fax: +86-310-6618518
Email: hd1281@126.com
Website: <http://94502v.chinafastener.info>, www.hbhd88.lcoc.cc

Hangzhou Junda Metal Products Co.,Ltd.

Tooth washers, cotter pins, springs, stamping parts.



Tel: +86-571-83889258
Fax: +86-571-82785806
Email: jundametal@vip.163.com
Website: <http://52924v.chinafastener.info>, www.jundametal.com

Hebei W.T Fastener Co.,Ltd.

Screws, hex bolts, hex nuts, anchor bolts, blind rivets, self-drilling screws.



Tel: +86-18003305116
Fax: +86-310-3299929
Email: 464353690@qq.com
Website: <http://95125v.chinafastener.info>, www.FastenerChina.biz

Hangzhou Quanling Standard Component Co.,Ltd.

Carbon steel screws with a diameter ranging from 2.9mm to 8mm and a length range from 2.5mm to 150mm. Various head shapes and tail shapes are available.



Tel: +86-571-88792667
Fax: +86-571-88791659
Email: admin@quanlingscrew.com
Website: <http://11766v.chinafastener.info>, www.quanlingscrew.com

Hubei Boshilong Technology Co.,Ltd.

Aluminium/steel blind rivets, all steel blind rivets, all stainless steel blind rivets, monel blind rivets, cup head structural rivets, multigrip structural rivets, multigrip rivets.



Tel: +86-724-4394202, +86-13419662273
Fax: +86-724-4394113
Email: lee@bsl-tech.com.cn
Website: <http://396v.chinafastener.info>, www.bsl-tech.com.cn

Hangzhou Xiaoshan Fada Spring Washer Co.,Ltd.

Spring washers according to the standards of GB, JIS, DIN, ANSI/ASME, BS, NF, AS.



Tel: +86-571-82795938, 82739648
Fax: +86-571-82799839
Email: fada_dq@sina.com
Website: <http://267v.chinafastener.info>

Hunan Liangang Fasteners Co.,Ltd.

Rivet nuts (insert nuts), rivet nuts of pan head, small head and countersunk head types (shank, slotted, hex, semi-hex, blind hole).



Tel: +86-731-57832017
Fax: +86-731-57832005
Email: sales@liangang.com
Website: <http://9656v.chinafastener.info>, www.liangang.com

Jiangsu Delin Automobile Parts Co.,Ltd.

Turbo chargers, turbine shafts, thrust bearings, gear shafts and so on.



Tel: +86-15251987555
 Fax: +86-519-68066886
 Email: xueyang@delinjs.com
 Website: <http://96438v.chinafastener.info>

Jiashan East Sun Imp. & Exp. Trade Co.,Ltd.

Fasteners (bolts, nuts, washers, anchors, screws), DIN934, wedge anchors.



Tel: +86-573-89118003, +86-13666782181
 Fax: +86-573-89118009
 Email: andy.jsjx@hotmail.com
 Website: <http://59196v.chinafastener.info>, www.dragon-ocean.com

P81

Jiangsu Washen Fastener Manufacture Co.,Ltd.

Rivets of open type, sealed type, multi-grip & uni-grip, peel type/grooved type, WS-BOLT type, mono-lock & now-lock, hem-firm type, tri-firm type, painted type, rivet nuts, pneumatic rivet guns.



Tel: +86-512-65280456
 Fax: +86-512-65280262
 Email: factory@world-rivet.com
 Website: <http://67154v.chinafastener.info>, www.washen-rivet.com

Jiashan Qisheng Fastener Co.,Ltd.

DIN, IFI, JIS, AS and various non-standard fasteners. Main products: bolts, screws, threaded rods, studs, nuts, washers, rivets, pins, nails and keys.



Tel: +86-573-83615250
 Fax: +86-573-83615255
 Email: jsjxbzjc@126.com
 Website: <http://80481v.chinafastener.info>

Jiangxi Gaodun Fastener Manufacturing Co.,Ltd.

Chipboard screws, drywall screws, hexagonal socket nuts, self tapping screws.

Tel: +86-793-6726999, +86-13609010577
 Fax: +86-793-6712111
 Email: 1789212301@qq.com
 Website: <http://93322v.chinafastener.info>

Jiashan Xiaojia Metal Production Co.,Ltd.

Flat washers, spring washers, conical spring washers, square washers, shim rings and supporting rings, AFNOR washers, British washers, and special washers according to your samples or drawings.



Tel: +86-573-84867187, 84867185
 Fax: +86-573-84867081
 Email: inoxwasher@hotmail.com
 Website: <http://55696v.chinafastener.info>, www.jsxiaojia.com

Jiashan Chaoyi Fastener Co.,Ltd.

Drywall, chipboard screws, self-tapping screws, aluminum rivets and other non-standard products.



Tel: +86-573-84779668, +86-13819359937
 Fax: +86-573-84779669
 Email: w_qiang606@163.com
 Website: <http://14256v.chinafastener.info>, www.0573-chaoyi.cn

Jiashan Yongxin Fastener Co., Ltd.

High strength washers, stainless steel washers, stainless steel machine screws, chipboard screws, drywall screws, wood screws, stamping parts, flat washers, stainless steel screws.



Tel: +86-573-84896996, 84896955
 Fax: +86-573-84898022
 Email: jiashanyongxin@163.com
 Website: <http://51657v.chinafastener.info>, www.yxfastener.com

Jiashan Zhijie Fasteners Manufacturing Co.,Ltd.

Bolts, nuts, machine screws, flat washers, spring washers, lock rings, chipboard screws, self-tapping screws, furniture screws, rivets and non-standard fasteners.



Tel: +86-573-84663148, +86-15968377488, +86-13306503148

Fax: +86-573-84663299

Email: hzzhijie@163.com

Website: <http://3470v.chinafastener.info>

Jinan Star Fastener Co.,Ltd.

Hexagon bolts, Hexagon flange bolts, carriage bolts, half-round head oval neck bolts, square-head bolts, T-bolts, U-bolts, anchor bolts, guide bolts, hexagon head wood screws, hexagon socket head cap screws, hexagon square nuts, various washers, etc.



Tel: +86-531-87881740

Fax: +86-531-87871032

Email: star@star-fastener.com

Website: <http://1123v.chinafastener.info>, www.starfastener.com

Jiaxing Chinafar Standard Parts Co.,Ltd.

Plain threaded rods, stainless threaded rods, foundation bolts, zinc white plated threaded rods, zinc yellow plated threaded rods, hot dip galvanized threaded rods.



Tel: +86-573-85278818, +86-15157313011

Fax: +86-573-85278816

Email: jarod_shi@163.com

Website: <http://80270v.chinafastener.info>, www.chinafar.cn, www.sinofar.com

Jinglefast Industrial Co.,Ltd.

Hex bolts, hex cap screws, hex nuts, carriage bolts, hex lag screws, threaded rods, hex nuts with stamping products, flat washers and spring lock washers.



Tel: +86-574-89020185, +86-573-86197573

Fax: +86-574-89020180

Email: jg@jgfastener.com

Website: <http://49243v.chinafastener.info>, www.jgfastener.com

Jiaxing Omega Industrial Co.,Ltd.

Drywall screws.



Tel: +86-18757317109

Fax: +86-573-86881222

Email: slj1216@qq.com

Website: <http://96627v.chinafastener.info>

Jintan City Changbiao Fastener Co.,Ltd.

Screws, nuts, carriage bolts, T-bolts, threaded rods, drilling screws, anchors, drywall screws, spring pins. Materials: stainless steel, carbon steel and bronze.



Tel: +86-519-82831452

Fax: +86-519-88205558

Email: 252413920@qq.com

Website: <http://84832v.chinafastener.info>

Jilin Ruiwode Machinery Factory

Automatic high-speed whirlwind chamfering machines, automatic screw sealing machines, and automatic tires, nuts and washers.



Tel: +86-13704424800

Fax: +86-432-64894800

Email: 1484812885@qq.com

Website: <http://96653v.chinafastener.info>

Kunshan Hengshun Hardware Co.,Ltd.

Square weld nuts DIN938, hex weld nuts, flange nuts, hex nuts, non-standard nuts, hex socket head cap screws.



Tel: +86-512-57228962, 57228968, 57228969, +86-18915756868, 13912652565

Fax: +86-512-57228961

Email: jhf@ks-hswj.com, kshswj@yahoo.cn

Website: <http://70405v.chinafastener.info>, www.ks-hswj.com

Kunshan Zhonggu Precision Metal Co.,Ltd.

Machine screws, self-tapping screws, set screws, plastic accessories, spring type straight pins, washers, rings, bolts, non-standard fasteners, U-bolts, anchors, nuts.



Tel: +86-512-57175387, 57826171, +86-13915480915

Fax: +86-512-57175486

Email: hardwarechina@163.com

Website: <http://39121v.chinafastener.info>, www.chnfastener.com

Lin'an Tianmu Electric Power Accessories Co.,Ltd.

Hot dip galvanized bolts, nuts and washers in Grade 4.8, 6.8, 8.8, which are widely used in electric power equipment, towers in high-grade highways.



Tel: +86-571-63821078

Fax: +86-571-63821958

Email: 3899008@qq.com

Website: <http://67386v.chinafastener.info>

Leda Metal Co.

Washers (stoppers, snap rings, cushion rings), spring fastener articles, assembled screws and multi-functional screws, circlips, SEMS screws.



Tel: +86-769-87919756, +86-512-65015110

Fax: +86-769-87729835, +86-512-65016135

Email: rosa@ledametal.com, sales01@ledametal.cn

Website: <http://45168v.chinafastener.info>, www.ledametal.com

Meishan CSR Fastener Science & Technology Co.,Ltd.

Carbon, stainless steel, aluminum blind rivets, lockbolts and collars, wallboard rivets, wide-range rivets, leakproof rivets, special rivets (rivets for chariots, etc.).



Tel: +86-28-38164260

Fax: +86-28-38164262

Email: yuwenxiang886@sohu.com

Website: <http://50523v.chinafastener.info>

Lederer Shanghai Fastener Trading Co.,Ltd.

Leading suppliers of stainless steel fasteners for more than 40 years and offers more than 20,000 different articles direct from stock: screws, pins, nuts, rings, washers - made from stainless steel, carbon steel and non-ferrous materials (A4-80, duplex stainless steel).



Tel: +86-21-54335280-100

Fax: +86-21-54335281

Email: l.sun@lederer-shanghai.com

Website: <http://85244v.chinafastener.info>, www.lederer-online.com, www.lederer-shop.com

microGLEIT Technology Company

Lubricant for bolts, nuts, screws, rivets, rivet nuts, gear, hydro forming on automobile, aviation, building, windmill, railway industries.

microGLEIT®
Innovative Schmierstoffe

Tel: +886-2-27817892

Fax: +886-2-27764387

Email: services@microgleit.com

Website: <http://53069v.chinafastener.info>, www.microgleit.com

LeeSheng Hardware Screw Mould Factory

Assorted screws molds, like cold heading molds and multi-stroke special molds.



Tel: +86-755-29819961

Fax: +86-755-29819974

Email: lsmould168@126.com

Website: <http://38299v.chinafastener.info>, www.lscoy.com

Nakashimada-Ronderson Machinery Limited

Nakashimada is the leader in the world cold forging industry, delivering the most accurate and dependable machines to world-class customers including watches, automobiles to aircrafts.



Tel: +86-755-82211008

Fax: +86-755-61237382

Email: new@ronderson.com

Website: <http://47954v.chinafastener.info>, www.nakashimada.co.jp

Nanjing Flybear Hardware Products Co.,Ltd.

Fasteners, ISO9001:2008 and TS16949 certified.

Tel: +86-25-52758402

Fax: +86-25-52758408

Email: majinsuo@18luosi.com

Website: <http://57719v.chinafastener.info>, www.fbr99.com



Ningbo Gangtong Zheli Fasteners Co.,Ltd.

Consumer electronics, electrical & electronics, industrial equipment & components, tools & hardware.

Tel: +86-574-86595022

Fax: +86-574-86657066

Email: nancy@gtzl-cn.com

Website: <http://91978v.chinafastener.info>, www.gtzl-fasteners.com



Nantong Gu Gan Metal Products Co.,Ltd.

T screws, large pins, articulated screws, extended non-standard screws, extended double screw bolts, slotted screws, fasteners, hex flange screws, double screws.

Tel: +86-18921454388

Fax: +86-513-87197717

Email: 705579676@qq.com

Website: <http://95851v.chinafastener.info>

Ningbo Hangzhou Bay New Zone Huiyi Rivet Factory

Semi-tubular rivets, aluminum rivets, color aluminum rivets, flange head blind rivets, male and female rivets, etc. All kinds of fastener products with a variety of specifications and materials can be produced according to DIN, ANSI, JIS, GB, etc.

Tel: +86-574-63478866

Fax: +86-574-63478865

Email: wangyifeng0811@163.com

Website: <http://78618v.chinafastener.info>, www.nbhuiyi.com



Ningbo BQ Hardware Co.,Ltd.

Bolts: hex bolts, socket head bolts, square bolts, carriage bolts, anchor bolts, U-bolts, T-bolts, flange bolts, etc. Threaded rods, studs, nuts, washers, all kinds of non-standard fasteners.

Tel: +86-13957472267

Fax: +86-574-56702901

Email: sales@bqhardware.com

Website: <http://84239v.chinafastener.info>, www.bqhardware.com



Ningbo Sanwang Auto Parts Co.,Ltd.

Auto standard screws, auto parts screws, non-standard products, metal products: center screws of steel plate, long screws, double-threaded screws (studs), exhaust pipe screws, flange screws, square head screws, etc.

Tel: +86-15888141906

Fax: +86-574-62575689

Email: pingxingxian0871@163.com

Website: <http://45887v.chinafastener.info>, www.cnnbsw.com/jj.html



P21

Ningbo Economic & Technical Development Zone Yonggang Fasteners Co.,Ltd.

Guardrail bolts for freeways and railways, carriage bolts, hex bolts, hex coach screws, flange bolts, nuts, according to ISO, ANSI, ASME, DIN, BSW, JIS, GB. We can also customize various special-shaped parts.

Tel: +86-574-88483298, 88352188

Fax: +86-574-88483288, 86232077

Email: nbyg@cnyonggang.com

Website: <http://1405v.chinafastener.info>, www.cnyonggang.com



Ningbo Xueyin Aluminum Industry Co.,Ltd.

Aluminium alloy wire series, aluminium alloy bar series, aluminium welded wire series, aluminium hollow tube series, special profiled series, etc.

Tel: +86-574-65179890, +86-13586752625

Fax: +86-574-65175666

Email: 252357719@qq.com

Website: <http://19726v.chinafastener.info>, www.chinaxueyin.com



Ningbo Yinzhou Zhenhua Stamping Co.,Ltd.

DIN6797, DIN6798, DIN137, DIN9250, DIN6796, DIN7967, DIN432, NFE25-511, DIN2093, flange, cold stampings, stainless steel stampings, car accessories stampings, and progressive mold stampings, metal stampings, non-standard stampings.



Tel: +86-574-88400330
 Fax: +86-574-88400068
 Email: zhenhua@zjzhenhua.com
 Website: <http://29142v.chinafastener.info>, www.zjzhenhua.com

Pinghu Fangsheng Standard Parts Co.,Ltd.

DIN934, DIN6923, DIN980, DIN929, DIN928, wheel nuts, hex flange nuts, non-standard nuts.



Tel: +86-15858331168
 Fax: +86-573-85986058
 Email: fcc62960772@hotmail.com
 Website: <http://51424v.chinafastener.info>, www.phfsbj.com

P9

Ningbo ZhengYu Fasteners Co.,Ltd.

Fasteners: bolts, washers, screws, pins, machine screws, wood screws, studs, round spacer haps, connectors, metal frame anchors, plastic & nylon anchors, hose clamps, construction systems.



Tel: +86-574-26858923, +86-13867838357
 Fax: +86-574-26858922
 Email: boen@cenyo.com, sales@allbolts.com
 Website: <http://37641v.chinafastener.info>, www.allbolts.com

Pinghu Grand Dragon Fasteners Co.,Ltd.

Hex nuts, weld nuts, brass washers, stainless steel washers, high strength washers, aluminum washers, stampings within tooth, outer tooth.



Tel: +86-573-85278859
 Fax: +86-573-85289588
 Email: phwasher@china-washer.com.cn
 Website: <http://515v.chinafastener.info>, www.china-washer.com.cn

NYLOK®-China

NYLOK®, precote®, 3M®, LOCTITE®, NYCOTE®



Tel: +86-512-50116888, 57700988,
 +86-13913255352
 Fax: +86-512-57700988, 50119888
 Email: nylok.ks@nylok.com.cn
 Website: <http://15686v.chinafastener.info>, www.nylok.com.tw

Pinghu Huaye Fasteners Co.,Ltd.

DIN6923 (GB6177), DIN6331, IFI and so on. Nuts, sleeve pipes, T-nuts, washers, square nuts, flange nuts, non-standard nuts, high strength fasteners, DIN6923 (GB6177), DIN6331, IFI, JIS, wheel nuts, square nuts.



Tel: +86-573-85084860, 85229068
 Fax: +86-573-85084850
 Email: annie@hy-fasteners.com, rebecca@hy-fasteners.com
 Website: <http://347v.chinafastener.info>, www.hy-fasteners.com

Pinghu Chen Biao Fasteners Co.,Ltd.

All of our products can meet different standards, such as DIN6923, JIS1190, IFI D21, GB6187, Q330, Q320, and Q371. Various weld nuts.



Tel: +86-573-85762002
 Fax: +86-573-85761989
 Email: 514850226@qq.com
 Website: <http://53157v.chinafastener.info>

Pinghu Xiongfeng Hardware Products Co.,Ltd.

Nuts: eye nuts, hex flange nuts, cap nuts, T-nuts and brass nuts. Washers: square washers, external tooth washers, taper washers, chamfered washers and brass washers. Hexagon spanners, eye bolts.



Tel: +86-573-85921338, 85930578
 Fax: +86-573-85920998
 Email: xgp@cnsdwj.com
 Website: <http://41068v.chinafastener.info>

Rongfeng Hardware Factory

Various types of solid rivets, semi-tubular rivets, open-end blind rivets and peel type blind rivets of aluminum and iron.



Tel: +86-757-86610533, +86-13923191422
 Fax: +86-757-86606041
 Email: rongfengwujin139@163.com
 Website: <http://41949v.chinafastener.info>

RuiBo (Suzhou) Machinery & Electronic Co.,Ltd.

Kurled washers, disc springs, lock washers, French disc washers, screws, disc conical washers, serrated washers.



Tel: +86-512-68380858-800
 Fax: +86-512-67272265
 Email: asst.sales@rbo-globe.com
 Website: <http://16330v.chinafastener.info>, rbo-globe.com

Ruian City XinTai Fastener Co.,Ltd.

All kinds of fasteners including washers, retaining rings and others fasteners, circlips for shafts, circlips for hole, wave washers, teeth washers, spring washers.



Tel: +86-577-65350012
 Fax: +86-577-65366030
 Email: xtjgj@126.com
 Website: <http://3500v.chinafastener.info>, www.xtjgj.com

Sansega Industry Co.,Ltd.

Self-drilling screws, self-tapping screws, chipboard screws, drywall screws, concrete screws, machine screws, furniture screws, bolts, nuts, anchors, washers.



Tel: +86-15857936290, +86-577-88566963
 Fax: +86-577-88566973
 Email: sharpower@sharpower.com, winston_1221@hotmail.com
 Website: <http://39169v.chinafastener.info>, www.sharpower.com

Ruian Shanggong Standard Parts Co.,Ltd.

Cold forged parts, standard parts, non-standard parts, irregular parts.

Tel: +86-577-66070555, 66070556, +86-13004752023
 Fax: +86-577-66070557
 Email: 316472845@qq.com
 Website: <http://94347v.chinafastener.info>, www.shanggongchina.com

Sanwei Fasteners Co.,Ltd.

Hex bolts, nuts, chipboard screws, drywall screws, self-tapping screws, wood screws, wedge anchors, shell anchors, drop in anchors, sleeve anchors, thread rods, etc.



Tel: +86-21-64604216
 Fax: +86-21-64604935
 Email: sanweifast@188.com
 Website: <http://12889v.chinafastener.info>, www.sanweifast.com

P15

Ruian Yihuang Stainless Steel Products Factory

Stainless steel wedge anchors, sleeve anchors, expansion anchors, flat washers, hex nuts, slotted set nuts, angular codes, individual stone anchorages, nuts, etc.



Tel: +86-577-65108788, 65108786, +86-13967725180
 Fax: +86-577-65108785
 Email: lyh19821007@126.com
 Website: <http://11311v.chinafastener.info>, www.huiyh.cn

Shanghai Biaowu High-Tensile Fasteners Co.,Ltd.

Flange nylon insert lock nuts, square head bolts, guardrail bolts, hex nuts, hex thin nuts, nylon lock nuts, plain washers, hex flange nuts, self-tapping screws, drywall screws, T-bolts, U-bolts, hex bolts, combine bolts, hexagon flange bolts, machine screws, high strength double-end studs.



Tel: +86-21-63177707-1534, 51285033
 Fax: +86-21-51285032
 Email: sq@sfiec.com, hb@sfiec.com
 Website: <http://1949v.chinafastener.info>, www.sfiec.cn

Shanghai Donghai Standard Parts Co.,Ltd.

Pins, rollers, needles, minitype electrical crankshafts, double end studs, non-standard parts.

Tel: +86-21-68266553
 Fax: +86-21-68262153
 Email: xjy@sh-dongbiao.com
 Website: <http://17074v.chinafastener.info>,
www.sh-dongbiao.com



Shanghai Ling Stainless Steel Rivet Co.,Ltd.

Various kinds of stainless steel rivets.

Tel: +86-21-39971078, +86-13661524085
 Fax: +86-21-39971912
 Email: lingmaoding@sina.com
 Website: <http://23968v.chinafastener.info>, www.shling.net



P4,5

Shanghai Fast-Fix Rivet Corp.

Open type, sealed type, multi-grip, grooved, peel type and structural rivets, made from aluminum, steel, stainless and cooper.

Tel: +86-21-58912860
 Fax: +86-21-58912793
 Email: jason@rivet-china.com
 Website: <http://7689v.chinafastener.info>, www.fastfix-rivet.com,
www.rivet-china.com



Shanghai Linhuan Industrial Co., Ltd.

Our products are mainly made of stainless steel, medium-carbon steel, and alloy steel, of grade ranging from 4.8 to 12.9. Our products are widely used in mining machinery, engineering machinery, machine tool equipment, wiring and so on.

Tel: +86-21-37012066, 37012067, +86-15221887808
 Fax: +86-21-37012067
 Email: linhuan@lhsh888.com
 Website: <http://92729v.chinafastener.info>, www.lhsh888.com



P7

Shanghai Jinrui Norm Parts Supplies Co.,Ltd.

Hex bolts and hex socket bolts, stud bolts, round ellipse bolts, all kinds of screw caps, plain cushions, machine screws, chipboard screws and lag bolts, non-standard parts.

Tel: +86-21-5951682 ext. 835
 Fax: +86-21-59516506
 Email: eva@shxingrui.com
 Website: <http://12184v.chinafastener.info>, www.shxingrui.com



Shanghai Minmetals – Fasteners

Bolts, nuts, wood screws, machine screws, self-tapping screws, washers, rivets, anchors, fixings and plugs.

Tel: +86-21-63815858 ext. 2218
 Fax: +86-21-63816007, 63806009, 63803459
 Email: fasteners@shminmetals.com, hardware@shminmetals.com,
 jinsha@online.sh.cn
 Website: <http://11932v.chinafastener.info>, fasteners.shminmetals.com



Shanghai Kingpluse Industry Co.,Ltd.

Bolts, nuts, wood screws, machine screws, self-tapping screws, spring washers, flat washers, anchors, etc. according to DIN, ANSI, BS and JIS standards.

Tel: +86-21-57733852
 Fax: +86-21-57736953
 Email: eva@shxingrui.com
 Website: <http://91270v.chinafastener.info>, www.kp-industry.com



Shanghai Rivet Manufacture Co.,Ltd.

All kinds of rivet nuts, cylinder, hexagon, open end, close end, carbon steel, stainless steel, brass, etc. used in automobiles, railways, elevators, furniture, and construction.

Tel: +86-21-37286065
 Fax: +86-21-37286067
 Email: yuanda@chinayuanda.com
 Website: <http://6v.chinafastener.info>, www.ret-global.com



P6

Shanghai Shangdian Washer Co.,Ltd.

All types of washers, standard parts, flat washers, stamping parts, deformed punched pieces.



Tel: (factory) +86-21-57317386, 57317385;
(office) +86-21-64802072

Fax: (factory) +86-21-57321201; (office) +86-21-64802072

Email: (factory) wyy@shwasher.com, (office) wendysun@shwasher.com

Website: <http://9444v.chinafastener.info>, www.shwasher.com

Shanghai Xinlei Metal Products Co.,Ltd.

Flat washers, external tooth locking washer & internal tooth locking washers, retaining rings, cup washers, contact washers, screw cups, stamping parts, brackets, turned parts, special parts as per drawings & samples.



Tel: +86-13916391179

Fax: +86-573-84588434

Email: angelqing04@hotmail.com

Website: <http://20547v.chinafastener.info>, www.xlhardware.net

Shanghai Songan Precision Die Co.,Ltd.

Imported punches, cold heading dies, cold extruding dies, imported cold heading forming equipment, domestic cold heading forming equipment, cold extruding machines and related dies. Nuts, special nuts, expansion nuts, sleeves dies, spark plugs dies, Rola dies, automotive, motor and bike parts, special tungsten steel dies.



Tel: +86-21-59742789

Fax: +86-21-59742293

Email: songan_sh@yahoo.cn

Website: <http://8072v.chinafastener.info>

Shanghai Zhujin Standard Parts Mfg. Co.,Ltd.

Bolt and nut series, high strength bolts, flange bolts, track bolts, subway segment bolts, construction hardware and accessories.



Tel: +86-21-37740008, 60172180, +86-13761447063

Fax: +86-21-37740008

Email: 1595295531@qq.com

Website: <http://78357v.chinafastener.info>

Shanghai Sunrise Fasteners Co.,Ltd.

Cold forged wing nuts & wing screws, stamped wing nuts, tee nuts, barrel nuts and thumb screws.



Tel: +86-21-65627196, 65627011

Fax: +86-21-65794843

Email: sunrisesesh@263.net, finding_ronnie@yahoo.com.cn

Website: <http://45v.chinafastener.info>, www.sunrisesesh.com

Sheen Tzar Co.,Ltd

Self-drilling screw forming machines, drill point dies, heading machines, high-speed thread rolling machines, self-drilling screw point cutting machine



Tel: +886-4-2406-0023, +86-15161033899

Fax: +86-523-84913906

Email: sheentzar@sina.com

Website: <http://63803v.chinafastener.info>, www.sheentzar.com

Shanghai Welfast Enterprise Co.,Ltd.

Bolts, nuts, washers, and threaded rods covering 4 series and 30 categories. Materials involve carbon steel, alloy steel, stainless steel, etc.



Tel: +86-21-6244-2081

Fax: +86-21-62447564

Email: ingrid.chu@welfast.com, sales@welfast.com

Website: <http://885v.chinafastener.info>, www.welfast.com

Sheng Ling Ying Fasteners Co.,Ltd.

Chipboard screws, drywall screws, self-tapping screws, hex lag screws, threaded rods, hex head bolts, carriage bolts, hex nuts, washers and common screws, concrete screws, roofing nails, coil nails.



Tel: +86-20-28843297

Fax: +86-20-28843307

Email: sales@shenglingying.com

Website: <http://5795v.chinafastener.info>, www.shenglingying.com

Shenzhen Shendingsheng Hardware Products Co.,Ltd.

Rivets, male female screws, step screws, non-standard screws, turning parts.



Tel: +86-755-28179975,28179976

Fax: +86-755-28179977

Email: ds@szdingsheng.com

Website: <http://51701v.chinafastener.info>, www.szdingsheng.com

Sun-Maku Co., Ltd.

Self-drilling screws, self-tapping screws, wood screws, drywall screws, chipboard screws, non-standard fasteners, machine screws, roofing screws, concrete screws.



Tel: +86-769-83130568, +86-13925853081

Fax: +86-769-83130567

Email: sun_maku@vip.163.com

Website: <http://2996v.chinafastener.info>, www.sunmaku.cn

Shenzhen Shenghu Fastener Mechanical & Electrical Co.,Ltd.

SEM screws, high strength bolts, hex socket bolts and nuts, self-tapping screws, washers and lock rings, circlips. Grades are 4.8, 8.8, 10.9 and 12.9. The material is stainless steel A2-70, A4-80.



Tel: +86-755-84856021-808, +86-13828802165

Fax: +86-755-84856319

Email: shenghu-wang@163.com

Website: <http://47277v.chinafastener.info>, www.szshenghu.com

Suno Group Limited

Self-drilling screws, drywall screws, chipboard screws, self-tapping screws, wood screws, furniture screws, concrete nails, roofing nails, bolts, nuts, washers, anchors, rivets and non-standard fasteners according to drawings.



Tel: +86-10-84785786

Fax: +86-10-84783493

Email: admin@sunogroup.com

Website: <http://90038v.chinafastener.info>, www.sunogroup.com

Shijiazhuang Eternal Technology Co.,Ltd.

Clinching nuts, rivet stud pressure riveting screws, cage nuts, rose riveting nuts, pull rivet nuts, crown screws, wire thread inserts, accuride rails, rivet nut installation tools, manual pull rivet nut guns, pneumatic pull rivet nut guns, captive screws.



Tel: +86-311-89275219, 89639273, +86-13933093232

Fax: +86-311-85202278

Email: 2355513878@qq.com

Website: <http://58440v.chinafastener.info>, www.changxingkeji.cn

Sunta Hardware Co.,Ltd.

Garage door fasteners, hex nuts, flange nuts, nylon lock nuts, domed cap nuts, spring nuts, washers, anchors, bolts, screws, special hardware, etc.



Tel: +86-21-58903118

Fax: +86-21-65438880

Email: sales@sunta.biz

Website: <http://11978v.chinafastener.info>, www.sunta.biz

Sumeeko Industries Co.,Ltd.

Screws, nuts, bolts, stampings, machined parts, assembled parts.



Tel: +886-7-7887199

Fax: +86-512-53441820

Email: yeaky.zhu@imi-ym.com

Website: <http://24715v.chinafastener.info>, www.imi-ym.com

Suzhou Chuangjia Fastener Co.,Ltd.

Semi-tubular rivets, step rivets, rivets.



Tel: +86-512-53667068, +86-13771903149

Fax: +86-512-53667078

Email: wayne.yang@sz-chuangjia.com

Website: <http://91916v.chinafastener.info>, www.sz-chuangjia.com

Suzhou Crever Fastener Co.,Ltd.

Stainless steel screws, chipboard screws, wood screws, machine screws, self-tapping screws, self-drilling screws, drywall screws.



Tel: +86-512-66700967
 Fax: +86-512-66702952
 Email: tjy@gjsz.com, syjgjsz@163.com
 Website: <http://18130v.chinafastener.info>, www.sz-fastener.com

Suzhou Shengdiwei Hardware Co.,Ltd.

Self drilling parts, assembly ss machine screws, ss self tapping screws, ss combination screws, ss bolts, nuts, others, ss fasteners, copper fasteners, steel fasteners, customized products, non-standard fasteners.



Tel: +86-512-57885678
 Fax: +86-512-36801116
 Email: 2408315252@qq.com
 Website: <http://2813v.chinafastener.info>, www.sdwj.com

Suzhou DWF Mechanical Technology Co.,Ltd.

Various types of bolts, nuts, screws, washers and non-standard fasteners.



Tel: +86-512-66701453, +86-18626280688
 Fax: +86-512-66704053
 Email: wenjing.dong@szdwf.com
 Website: <http://51187v.chinafastener.info>, [szdwf.com](http://www.szwdf.com)

Suzhou Unique Hardware Co.,Ltd.

High-tensile washers of 2,500 tons, common washers of 3,000 tons, stampings of 15,000 tons, DIN975, DIN976 high-tensile full threaded rods, stud bolts, washers, skating wheels, rods, stampings, holders.



Tel: +86-512-65990836, 65411919, 66732088
 Fax: +86-512-65410378
 Email: webmaster@younike.net
 Website: <http://47409v.chinafastener.info>, www.younike.net

Suzhou FuYuan Standard Fastener Co.,Ltd.

Hexagon socket cap screws, hexagon socket low head cap screws with hole, hexagon socket countersunk head screws, hexagon socket button head screws, hexagon socket head cap screws with reduced head, hexagon bolts, etc.



Tel: +86-512-69200263
 Fax: +86-512-65351475
 Email: fuyuanbjzgf@126.com
 Website: <http://39109v.chinafastener.info>, www.fuyuan-fastener.com

Suzhou Yumao Metal Products Technology Co.,Ltd.

Nuts, screws, washers, bolts, machine screws, drilling screws, self-tapping screws, wood screws, special screws, gaskets, pins, stamping parts, die castings, plastic parts, etc.



Tel: +86-512-63039622, +86-18625001600
 Fax: +86-512-63039622
 Email: yumao_suzhou@163.com
 Website: <http://95177v.chinafastener.info>, www.yumaometal.com

Suzhou Judong Hardware Co.,Ltd.

Screws, bolts, SEM screws, self-tapping screws, turning parts, washers, nuts.



Tel: +86-512-65430185, +86-18912780677
 Fax: +86-512-65430186
 Email: jd8015@163.com
 Website: <http://37296v.chinafastener.info>, www.judong.cc

Taiwan Huihong Industry Co.,Ltd.

Screw heading machines, multi-station bolt former machines (2-die 3-blow, 3-die 3-blow, 4-die 4-blow), rivet machines.



Tel: +86-512-65990795, 65990796, 65990797, +86-13255195012
 Fax: +86-512-65990798
 Email: szhh65990795@163.com
 Website: <http://43741v.chinafastener.info>, www.hhlsjx.com

Tianjin XZB Sherardizing Anti-Corrosion Metal Products Co.,Ltd.

Mechanical galvanized metal surface treatment, metal surface infiltration zinc treatment, anti-corrosion coating engineering, sherardizing bolts.



Tel: +86-22-26996570, +86-13612044869

Fax: +86-22-26996579

Email: susanxx_530@sina.com

Website: <http://40987v.chinafastener.info>, www.xianzhibang.com

Wenzhou Jinsheng Fastener Co.,Ltd.

Prevailing torque type hexagon nuts (DIN985, DIN982, NE, NTE, DIN6926, DIN6927), cap nuts (DIN1587, DIN986), flange nuts (DIN6923), hydraulic fittings, ferrule, hydraulic parts and auto parts.



Tel: +86-577-86352209

Fax: +86-577-86356103

Email: ally@wzjinsheng.com

Website: <http://14028v.chinafastener.info>, www.wzjinsheng.com

P57

Wenzhou Chinese Industry Co.,Ltd.

Brass nuts, brass bolts, brass screws, rivet nuts, hex nuts, flange nuts, wing nuts, Tee nuts, furniture connector screws, pal nuts, barrel nuts, square nuts, all metal lock nuts, square weld nuts, hex weld nuts, nylon lock nuts, etc.



Tel: +86-577-86996516

Fax: +86-577-86996515

Email: chinese@cic-hardware.com

Website: <http://92402v.chinafastener.info>, www.cic-hardware.com

Wenzhou Licheng Fasteners Co.,Ltd.

Set screws and non-standard parts. 1)Material: SCM435, 45H, 12.9 grade, stainless steel, SUS304, SUS316, A2, A4; 2) Standard: GB77/DIN913, GB78/DIN914, GB79/DIN915, GB80/DIN916; 3)Size: M3- M12; 4) Packing: carton, poly bag, pallet; 5) Finishing: black oxidized, plain; 6) Thread: metric and inch size.



Tel: +86-577-88690200, 88692886, +86-13506648461

Fax: +86-577-86779500

Email: 88690200@163.com

Website: <http://38260v.chinafastener.info>, www.lc-fastener.com

Wenzhou Jianzi Fasteners Co.,Ltd.

Chipboard screws, cross hex flange drilling screws, recessed pan head drilling screws, cross recessed tapping screws, drywall screws, hex flange tapping screws, cross recessed drilling screws, cross recessed countersunk head drilling screws, blind rivets.



Tel: +86-577-86086658

Fax: +86-577-86763297

Email: song@jz0577.com

Website: <http://11783v.chinafastener.info>, www.jz0577.com

Wenzhou Shuangyin Hardware Manufacturing Co.,Ltd.

Hex flange bolts, hex flange nuts, hex bolts, clamps, lock washers, plate nuts, clips, bearing clips, wave washers, snap springs, tapping clips, flat washers, spring washers, etc.



Tel: +86-577-85226337, 85237337

Fax: +86-577-85220195

Email: 326260433@qq.com

Website: <http://32989v.chinafastener.info>, www.shuangyin.com

Wenzhou JINJIAPIN Fasteners Co.,Ltd.

Fasteners, screws, nuts, washers.



Tel: +86-577-86668951

Fax: +86-577-86668951

Email: 572127322@qq.com

Website: <http://96639v.chinafastener.info>, www.wzjip.com

Wenzhou Suqi Standard Fastener Co.,Ltd.

Flange screws, GB819, GB818, GB818-85, truss head screws, column head hex socket screws, plain head hex socket screws, countersunk hex socket screws, half-circle hex socket screws, extension screws and non-standard screws.



Tel: +86-577-86779918

Fax: +86-577-86779938

Email: wzsuj@163.com

Website: <http://3435v.chinafastener.info>

Wuhu Qiangzhen Automobile Fasteners Co.,Ltd.

Snap rings, circlips for shafts, E clips, circlips, hex head bolts, anchor bolts, motorcycle bolts, huck bolts, wheel bolt, carriage bolts, socket head bolts, hook bolts, hanger bolts, plow bolts, guardrail bolts, countersunk bolts, structural bolts, lag bolts, lock bolts, pan head bolts, stud bolts, etc.



Tel: +86-553-8768222, 8768619, 8768609, +86-13515536666, 15005532566
 Fax: +86-553-8768220
 Email: qz@chinaqiangzhen.com
 Website: <http://3754v.chinafastener.info>, www.chinaqiangzhen.com

Yixing City Jufeng Machinery Co.,Ltd.

Multi-stage cold extrusion forming machines, cold headers, cold forged dies.



Tel: +86-510-87868816, +86-13806150656
 Fax: +86-510-87868815
 Email: jf@jf-machine.com, 121422822@qq.com
 Website: <http://45143v.chinafastener.info>, www.jf-machine.com

IBC

Wuxi Anshida Hardware Co.,Ltd.

Open type blind rivets, sealed type blind rivets, multigrip type blind rivets, peel type blind rivets, grooved type blind rivets, color-plated blind rivets, large flange blind rivets, solid rivets, semi-tubular rivets and insert nuts, etc.



Tel: +86-510-88762491, 88765068, 88765062
 Fax: +86-510-88763742
 Email: service@anshida.com
 Website: <http://856v.chinafastener.info>, www.anshida.com

Yongnian County Hongda Metal Products Co.,Ltd.

Threaded rods, foundation bolts, metal anchors, hex bolts, hex nuts, washers, drilling screws, wedge pins, metal forging parts.



Tel: +86-310-7020816
 Fax: +86-310-7020816
 Email: daniel_rs@rocketmail.com
 Website: <http://61729v.chinafastener.info>, www.grandmetal.cn

Wuxi Wuda Hardware Product Co.,Ltd.

Stainless steel carriage bolts and wire thread inserts, hex screws, precision screws, nuts, segment bolts and some other stainless steel fasteners.



Tel: +86-510-83118458, +86-13812032468
 Fax: +86-510-83150867
 Email: jennychen@5shardware.com
 Website: <http://55320v.chinafastener.info>, www.5shardware.com

Yuyao Hongfeng Metal Co.,Ltd.

Stainless steel fasteners, roofing screws, self-drilling screws, machine screws, tapping screws, chipboard screws, deck screws, hardware.



Tel: +86-574-62712703, +86-13606592191
 Fax: +86-574-62712193
 Email: hongfeng.2011@yahoo.com.cn, hongfeng_1961@yahoo.com.cn
 Website: <http://479v.chinafastener.info>

Yichang Hengchang Fasteners Co.,Ltd.

Spring lock washers, spring washers, double spring lock washers, cotter pins, split pins, spring cotters, hair pins, lock pins, R type pins, flat washers, linch pins, quick release pins, wire lock pins.



Tel: +86-15897506175
 Fax: +86-717-6351981
 Email: hcfasteners@163.com, alice@dongfangyj.net
 Website: <http://29385v.chinafastener.info>, www.hcbzj.com

Yuyao No.2 Standard Fastener Factory

Eyebolts.



Tel: +86-15306621777, +86-574-62003860, 62003777
 Fax: +86-574-62003980
 Email: ruanlifei@biaoer.com
 Website: <http://2261v.chinafastener.info>, www.biaoer.com

P61

Cover

Yuyao Xintai Hardware Co.,Ltd.

Wedge anchors, sleeve anchors, chemical anchor studs, tie wire anchors, split drive anchors, bolt anchors and so on.

Tel: +86-574-62021696, 62021698, +86-17705846103, 15968010949

Fax: +86-574-62020898, 62020910

Email: sales@xtanchor.com, j.j.ying@163.com

Website: <http://14295v.chinafastener.info>, www.xtanchor.com



Zhangjiagang Yiheda Hardware Co., Ltd. (Originally Zhejiagang Xinyi Hardware Co.,Ltd.)

Nuts: domed cap nuts, DIN917, DIN986, DIN1587; acorn nuts; wheel nuts, flange nuts (DIN6923).

Tel: +86-512-58633368

Fax: +86-512-58631532

Email: info@zjgywj.com

Website: <http://596v.chinafastener.info>, www.zjgyhd.com



Yuyao Xiongji Hardware Co.,Ltd.

Hex bolts, sleeve anchors, flange nut sleeve anchors, hex nut sleeve anchors, hook bolt sleeve anchors, eye bolt sleeve anchors, ceiling anchors, wedge anchors, bolt anchors.

Tel: +86-574-62267698

Fax: +86-574-58102122

Email: sherryiao@live.cn, 564748321@qq.com

Website: <http://46073v.chinafastener.info>, www.cnxiongjie.com



Zhejiang Chaoboer Hardware Co.,Ltd.

Standard hexbolts, hex socket bolts, hex flange bolts, carriage bolts, square bolts, T-bolts according to DIN/ANSI/BS/JIS and various non-standard bolts.



Tel: +86-573-86408568

Fax: +86-573-86408123, 86408566

Email: chaoboerfastener@126.com

Website: <http://41542v.chinafastener.info>, <http://en.cbefastener.com>

P81

Yuyao Yuxin Fastener Systems Co.,Ltd.

Sleeve anchors, wedge anchors, drop in anchors, chemical anchors, hex coupling nuts, round couplings, spring toggles, gravity toggles, shield anchors, fire wire anchors, nylon hammer drive anchors, nylon easy anchors, and other anchors & nonstandard fasteners & stamping products.



Tel: +86-574-62938700, +86-13605840366

Fax: +86-574-62938308

Email: amyf@cosmosye.com, cosmosye@mail.nbptf.zj.cn

Website: <http://2484v.chinafastener.info>, www.cosmosye.com

Zhejiang Jingyi Standard Components Co.,Ltd.

SEMS screws, high strength screws, micro screws, RoHS compliant screws, tri-lobular thread screws, machine screws, self-tapping screws, ANSI, DIN standard screws, special long screws, brass screws, non-standard screws.



Tel: +86-577-62877009

Fax: +86-577-62873833

Email: sale02@wzjingyi.com

Website: <http://15384v.chinafastener.info>, www.wzjingyi.com

Zhangjiagang Datong Standard Parts Co.,Ltd.

Different specifications of cap nuts in material of stainless steel and carbon steel, such as cap nuts DIN1587, DIN986 and JIS1183.



Tel: +86-512-58632800, +86-13506223116

Fax: +86-512-58632811

Email: erlang888@yeah.net

Website: <http://65217v.chinafastener.info>

Zhejiang Junyue Standard Part Co.,Ltd.

Threaded rods.



Tel: +86-573-86966966, +86-13757356800

Fax: +86-573-86966988, 86967000

Email: junyue@zj-junyue.com

Website: <http://6325v.chinafastener.info>, www.zj-xinyue.com

P65

Zhejiang Linhai Jinxin Car Fittings Co.,Ltd.

Various kinds of bolts, screws, hex nuts, flange nuts, plain washers, spring washers, wood screws, thread rods and so on according to DIN, BS, ANSI/ ADISI, NFE, GB and ISO standards.



Tel: +86-576-85528228, +86-13958554092

Fax: +86-576-85528508

Email: jx88@msn.com, 2088@jinxincar.com

Website: <http://8336v.chinafastener.info>, www.jinxincar.com

Zhoushan City Hesheng Fasteners Co.,Ltd.

Fasteners, fittings, nuts, bolts, other fasteners & fittings, rivet nuts, non-standard nuts, round nuts, bolts, lock rivet nuts, hex rivet nuts.



Tel: +86-580-8075230, +86-13705806507

Fax: +86-580-8075197

Email: hhb@hesheng-fastener.com

Website: <http://32530v.chinafastener.info>, www.hesheng-fastener.com

P2,3

Zhejiang Minmetals Huitong Import & Export Co.,Ltd.

(Original: Zhejiang Minmetals Huaxing Import & Export Co.,Ltd.)

Hex nuts, square nuts, hex head bolts, carriage bolts, roofing screws, plain washers, spring washers, machine screws, self-tapping screws.



Tel: +86-571-85775608, 85775611

Fax: +86-571-85775610

Email: aschen@zjmt.com, qzhou@zjmt.com.cn

Website: <http://256v.chinafastener.info>, www.zjmt.com.cn

Zhuhai Zhenlong Metal Co.,Ltd.

Hex socket wrenches, hex nuts, nylon self-lock nuts, flange self-lock nuts, flange nuts, wing nuts, cap nuts, tee nuts, threaded rods.



Tel: +86-15976969326

Fax: +86-756-6876252

Email: zhenlongwj@qq.com

Website: <http://96196v.chinafastener.info>, <http://gdjianfa.1688.com>

Qifeng Precision Industry Sci-Tech Corp.

Bolts, nuts, wood screws, stampings, machining parts, railway screw spikes, cold heading parts, non-standard parts.



Tel: +86-573-86851456

Fax: +86-573-86851478

Email: sales@qfwj.com

Website: <http://5979v.chinafastener.info>, www.qfwj.com

Zhuji Tiansheng Standard Components Factory

Cold forged stainless steel, cooper, steel wing nuts, wing screws, T-screws, thumb screws, sheet iron stamped nuts, furniture nuts, cage nuts, etc.



Tel: +86-575-87981098

Fax: +86-575-87983536

Email: zhaoboming@163.com

Website: <http://14092v.chinafastener.info>, www.wingnuts.cn

Zhejiang Rui'an Zhufeng Standard Parts Co.,Ltd.

1.GB fastening; 2.DIN fastening; 3.punching parts; 4.car punching parts; 5.insulated washers (plastic fastening).



Tel: +86-577-65365630

Fax: +86-577-65393630

Email: zf90000@126.com

Website: <http://18110v.chinafastener.info>, www.cn-washer.com

For more information on fastener statistics, please visit

www.chinaFastener.info



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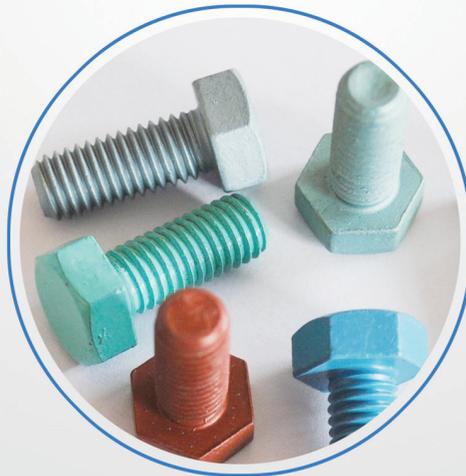
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Bridge, Wuyuan Street, haiyan County

Contact person:

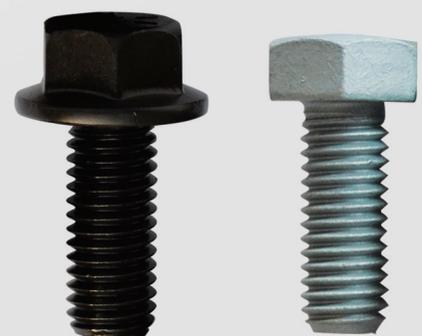
Mr. Wang General Manager

Mob:

+86-13906839049

E-mail:

498707829@qq.com



Asia Industrial Fasteners Market Analysis and Forecasts To 2020

Asia Industrial Fastener Market By Product (Externally Threaded, Aerospace Grade, Other Standard), By Application (Automotive OEM, Machinery OEM, Construction, MRO) Is Expected To Reach USD 44.12 billion By 2020.

Growing automotive demand in light of increasing disposable income of consumers is expected to propel demand for industrial fasteners over the next five years. China dominated the Asia fasteners market in 2013 and the trend is anticipated to continue over the forecast period on account of rapid expansion of domestic manufacturing base. India is expected to witness the fastest growth over the projected period as a result of increasing automotive production. In addition, infrastructure improvement in emerging economies is likely to propel demand for screws, bolts and rivets. Economic growth and rapid industrialization in China, India, Vietnam, Malaysia and Thailand is anticipated to stimulate investments for construction which in turn is likely to augment industrial

fastener market over the projected period.

Increasing use of fasteners in the manufacturing of automotive parts including engine, body, molding, suspension system, frame, body assembling and wheels is expected to drive market growth.

Growing production of aircraft parts in China on account of “The 2011 State Council Policy” for aerospace sector is expected to spur market growth. Increasing number of regional manufacturers in China including Shanghai, Chengdu, Xi’an, Jiangxi and Shenyang is further anticipated to boost industrial fastener market over the forecast period. However, rising market share of substitutes such as PU adhesives is anticipated to restrain industrial faster market in the automotive and construction sector over the forecast period.

Further key findings from the study suggest:

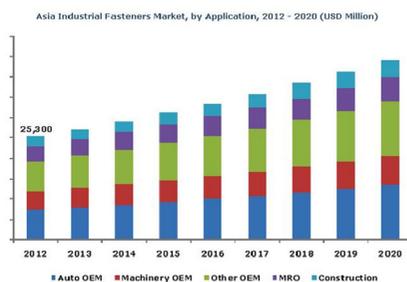
Asia industrial fastener market demand in construction applications accounted for less than 10% of revenue share in 2013 and is expected to witness the fastest growth on account of rising government expenditure on infrastructure development in China, India and Japan. The commencement of 12th Five Year Plan of Civil Aviation

Administration of China (CAAC) resulted in construction of 56 new airports and expansion of 16 airports with a total investment of USD 68.5 billion, thereby boosting construction sector in the country. This in turn is anticipated to boost industrial fastener demand over the projected period.

China was the largest industrial fastener market, accounting for more than 40% of revenue in 2013. Growing domestic demand for vehicles due to improving infrastructure conditions coupled with rising disposable income have been key factors responsible for automobile production growth in China. This in turn is expected to boost industrial fastener market over the projected period.

Japan is expected to witness growth on account of high penetration of industrial fastener manufacturers in the country and their strategic partnerships with OEM and MRO companies.

Asian market for industrial fasteners was highly fragmented due to the presence of numerous companies especially in Japan, India and China. Product innovation and formation of strategic alliances with application users are expected to be critical success factors for the market. New product innovation and advanced processing techniques are likely to open new market opportunities over the forecast period.◆



Fastener Demand in China Continue to Grow at 7% by 2024

China's demand for fasteners has grown at a fast pace in the past decade. In the next decade, both production and demand will continue to grow.

The Chinese economy maintains a high speed growth which has been stimulated by the consecutive increases of industrial output, imports & exports, consumer consumption and capital investment for over two decades.

Demand for fasteners in China is projected to continue growing at 7% CAGR by 2024.◆

China's Fastener Imports and Exports for Jan.-Nov. 2015

China's fastener exports totaled 2,472,347.80 tons with the value of \$4,449,591,498 during January to November of 2015. The top five fastener export destinations for China Mainland were U.S., Japan, Russia, Chinese Hongkong and Vietnam.

China Fastener Exports for Jan.-Nov.2015			
Rank	Countries/Regions	Value(USD)	Volume(kg)
1	US	914,420,692	527,835,704
2	Japan	254,573,730	124,583,604
3	Russia	205,538,113	174,078,039
4	ChineseHong Kong	150,367,352	33,727,781
5	Vietnam	145,937,190	45,962,948
6	South Korea	145,586,905	87,792,039
7	UAE	139,841,773	90,573,431
8	Australia	132,725,345	67,174,355
9	Germany	114,569,546	65,479,065
10	India	109,097,587	60,136,116
11	Saudi Arabia	100,658,754	75,617,840
12	Singapore	91,552,856	41,081,004
13	Mexico	89,797,363	51,962,879
14	Canada	86,738,958	57,924,666
15	Malaysia	85,662,709	45,425,506
16	Thailand	85,490,159	38,330,323
17	United Kingdom	78,638,068	39,480,216
18	Netherlands	77,991,113	30,292,271
19	Brazil	77,030,230	48,884,188
20	South Africa	65,433,567	37,246,138
	Worldwide	4,449,591,498	2,472,347,803

The fastener imports of iron and steel fasteners reached 257,537.75 tons with the value of \$2,599,807,521 during January to November of 2015. The top five fastener import origins for China Mainland were Japan, Germany, South Korea, U.S. and Chinese Hongkong.

China Fastener Imports for Jan.-Nov.2015			
Rank	Countries/Regions	Value(USD)	Volume(kg)
1	Japan	638,933,691	72,778,077
2	Germany	462,739,194	50,604,160
3	South Korea	280,348,060	37,402,185
4	US	278,514,951	18,691,738
5	Chinese Hong Kong	203,428,369	8,327,014
6	Chinese Taiwan	193,261,651	21,996,565
7	France	111,034,903	9,071,285
8	Italy	81,787,818	12,603,013
9	Malaysia	42,435,601	734,633
10	Unknown	42,418,364	3,580,767
11	United Kingdom	39,718,209	1,438,072
12	Spain	29,634,797	4,642,718
13	Thailand	22,437,474	1,220,593
14	Switzerland	19,121,283	523,061
15	Singapore	16,550,925	318,755
16	Czech Republic	14,269,303	2,313,663
17	Sweden	13,376,330	823,313
18	Canada	11,979,409	843,052
19	Netherlands	9,876,255	1,516,691
20	Poland	9,135,614	1,545,897
	Worldwide	2,599,807,521	257,537,754◆

China Launches Antidumping Duty Review Investigation on Carbon Steel Fasteners from EU

China's Ministry of Commerce (MOC) announced on Jun. 29 it decided to launch antidumping duty review investigation on carbon steel fasteners imported from the European Union.

The period of the dumping investigation on carbon steel fasteners imported from EU was from 1st April 2014 to 31st March 2015, and industry injured investigation period were from 1st January 2011 to 31st March 2015.

The review investigation started from 29th June 2015 to 28th June 2016.◆

China November Car Sales Hit Record High

Auto sales in China, the world's largest car market, jumped to a record high as a vehicle purchase tax cut by the government boosted demand. A total of 2.51 million vehicles were sold in November, up 20.0 percent from a year ago.

Despite the strong growth, auto sales in January-November rose just 3.3 percent year-on-year to 21.79 million vehicles, much weaker than the increase of 6.1 percent in the same period of 2014.

China's auto industry has felt the pinch of the country's slowing economic growth, with producers scaling back output and media reports of unusually long holidays at factories, decreased bonuses and overtime pay for workers.

China's new energy vehicle output surges 600%.China's production of new energy vehicles surged by 600 percent year on year in November thanks to government support. Total production in November stood at 72,300 units.

During the month, output of pure electric passenger vehicles soared 700 percent from a year earlier to 30,000 units and that for plug-in hybrid passenger vehicles tripled to 7,509.

In the first 11 months, China produced 279,200 new energy vehicles, up by four times from the same period in 2014.◆

Losses Rise for Chinese Steelmakers as Demand Continues to Wane

Losses continued to mount for steelmakers in China during October, as the sector, once the mainstay of economic growth, reeled from overcapacity and waning demand.



Large and medium-sized iron and steel smelters posted combined losses of 14.8 billion yuan (\$2.3 billion) in October, down 27.8 percent from the levels in September, according to a report in the Beijing-based Economic Information Daily.

According to industry data, during the first 10 months, large and medium-sized iron and steel smelters posted losses of 72 billion yuan. Among the 101 large and medium-iron and steel smelters, 48, or 47.5 percent, are in the red.◆

Sundram Fasteners Devises Plan to Grow Faster

Sundaram Fasteners Ltd. (SFL) is in the process of devising a plan to grow faster and iron out variations in its performance arising out of economic cycles, said its Chairman and Managing Director, Suresh Krishna on 1st September.

Addressing the 52 AGM of SFL, he said they have set aside Rs.150 crore for 2015-16 against Rs.600 crore invested in the last five years.

“Over the past five years, on a standalone basis, total revenues have increased from Rs.1,339 crore to Rs.2,409 crore. Export turnover increased from Rs.332 crore to Rs.900 crore. These performances have been achieved despite downtrend in domestic market due to uncertain political and economic conditions and economic downturn in developed markets of the world. SFL recognises the need to grow faster and iron out variations in its performance arising out of economic cycles. SFL is in the process of devising plans to increase its revenues,” he said.

Mr. Krishna said that they extended implementation of total quality management (TQM) practices across major divisions more vigorously to improve its all-round efficiency of operations.◆

Bagla Group, Italy’s Fontana Gruppo Tie-up for Fastener Business in India

Auto components maker Bagla Group has inked a strategic pact with Italy’s Fontana Gruppo to scale up fasteners business in the country. Italy’s Fontana Gruppo and Bagla Group have signed definitive agreements to enter into a strategic partnership for the fasteners business in India, Aurangabad-based Bagla Group said in a statement.

“The partnership with Fontana Gruppo would enable the fasteners business of Bagla Group to acquire necessary technological expertise, size and scale, to become the largest fasteners manufacturer in India,” the company’s chairman Rishi Kumar Bagla said.◆





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Tel: 86-571-22673085

Fax: 86-571-22673086

E-mail: cheny@aozhan.com.cn

Contact Name: Mr. Enzo





HUA KANG PRODUCT LIMITED
Foshan Nanhai Hekang Hardware Product Co., Ltd.



Contact Name: Mr. Frank Yao (President) Tel: +86-18923191655 Fax: +86-757-8595 7282
Website: <http://45453v.chinafastener.info> Email: frankyao168@hotmail.com
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Standoffs



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Standoffs



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Thin Sheets



SDU

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Standoffs



SOSG

Grounding Standoffs



SSC

Smps-Top
Standoffs



TPS

Self Clinching
Pilot Pin



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FHL

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Clinching Stud



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WTO Faults EU in Nuts and Bolts Dispute with China

The World Trade Organization in January ruled against the European Union in a dispute that has been raging since 2009 between the bloc and China over import duties on nuts and bolts.

The world trade body's fourth and final verdict against the EU in the dispute opens the way for China to request compensation.

China had first brought the case to the WTO in July 2009 after the EU imposed hefty tariffs on imports of some Chinese steel and iron fasteners.



Arguing that dumping was taking place, the EU had in January that year levied tariffs ranging from 26.5 percent to 85 percent on Chinese screws, nuts, bolts and washers.

The Chinese ministry of commerce said in a statement Monday that the measures had since then had “negative effect on exports from China (of) around \$1.0 billion” (918 million euros) and had resulted in some 100,000 people losing their jobs with thousands of fastener producers across the country.

“It has resulted in huge economic losses to the Chinese industry,” the statement said.

The WTO has repeatedly found that the EU measures violate global trade rules.

In 2010, a WTO panel ruled that Brussels acted inconsistently in its anti-dumping calculations, and the decision was upheld on appeal in 2011.

But the case did not end there. China did not agree with the EU's claim in October 2012 that it had adjusted its measures to comply with the WTO ruling.

That panel ruled last August in China's favour, finding that the EU had failed to make amends, and in January a WTO appeals

body rejected an EU appeal of that ruling.

The WTO among other things faulted Brussels for imposing anti-dumping duties on all Chinese firms, instead of imposing differentiated duties depending on each company's practice.

The Chinese commerce ministry statement hailed the ruling, insisting it showed that "discriminative practice and anti-dumping measures taken by certain trade partners against the Chinese products and exporters lack multilateral legal basis under the WTO trade laws."

It urged the EU quickly comply with the latest WTO ruling "and withdraw the illegal anti-dumping measures on fastener from China as soon as possible."

The statement warned that China otherwise "reserves its rights to take further steps under the WTO dispute settlement mechanism," likely referring to its right to request compensation.

It said it hoped the fastener dispute could now be "settled as soon as possible, so as to restore normal bilateral trade for the products concerned."

Beijing and Brussels have locked horns over a string of trade issues at the WTO, which seeks to set a level playing field for commerce between its members. ♦



EU Extends Tariff on Chinese Wire Rod

Following an expiry review, the European Union decided to continue antidumping measures applied to imports of certain wire rod from China. The extended measure applies duty at 24%.

The review determined that China currently has some 50 million tonnes spare capacity (50% more than actual output) in wire rod production and according to the Chinese export database shipped some 9 million tonnes worldwide in the year to 30th June 2014.

The average cost per ton of exported wire rod fell by between 14% and 19% from 2012 to 2014, depending on the geographic market. ♦

Bossard Quarter 3 Sales Slightly Stronger than First two

Thanks to the investment policy Bossard's sales for the first nine months increased 5.9% to CHF 498.4 million (approximately 458 million euros). Growth through acquisition offset the impact of the Swiss franc appreciation earlier in the year. Excluding acquisitions, sales were down 1.2% in local currency, translating to a 4.5% reduction in Swiss francs.

For the first nine months Bossard's European business grew 4.8% in local currency, translating to CHF 294.7 million and a 3.1% year-on-year decline. Bossard said the figures reflected the difficult and inconsistent demand situation in some European markets, especially Switzerland where customers had been hit by the currency depreciation.

As a result of the acquisition of Aero-Space Southwest Inc, at the beginning of the year, American sales grew 36.4% to CHF 126.4 million. Underlying sales fell 3.2% in local currency but grew 2.6% in Swiss francs. In the third Quarter Bossard benefited from increased volume from the largest US electric vehicle manufacturer but continued to be confronted with lower demand from its second major customer, operating in the agricultural technology sector.

Bossard saw 'pleasing growth' from most Asian markets but this was dampened by business conditions in China.

Bossard projects its full year sales at around CHF 660 million, with an operating margin on par with the first half of the year. It expects business in Europe to continue to be uneven, with Swiss demand down on the previous year. ♦

Würth Group Adds Des Moines Bolt



Germany-based Würth Group announced that it has completed its acquisition of Des Moines Bolt, a Des Moines, Iowa-based distributor of fasteners and supplies. Terms were not disclosed.

Würth Des Moines Bolt is now part of the Industry Division as a member company of Würth Industry of North America (WINA), for which the company is projecting sales of \$700 million in 2016.

In a release, Würth said that with locations in Iowa, Missouri and

Nebraska, Des Moines Bolt has more than 35 years of experience supplying a vast array of industrial fastener products, and variety of services including EDI, bar coding, kitting and packaging, inventory management, delivery services, and more.

"The addition of Würth Des Moines Bolt allows WINA to aggressively continue our strategy of expanding business west of the Mississippi River, as well as acquiring high quality, profitable companies," said Marc Strandquist, Würth executive vice president. "Acquiring companies like Würth Des Moines Bolt supports this kind of growth as we seek to triple our 2013 sales and reach sales of \$1 billion by 2020." ♦



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Website: <http://www.dg-jyd.com>
Wechat: szjydwj
QQ: 273256652

WENZHOU CHINESE INDUSTRY CO.,LTD

Address : No.933, Binhai 2nd Ave, Longwan, Wenzhou, Zhejiang, China
E-mail: fastener@cicsorb.com chinese@cic-hardware.com

Tel : +86-577-86996516
Fax : +86-577-86996515
www.cic-hardware.com



FAA Fastener Fines Hit Boeing and Southwest Airlines

The Federal Aviation Administration recently handed down two significant fines related to aerospace fasteners.

Boeing agreed to pay \$2 million to solve issues involving Boeing's delay in addressing incorrectly shaped fasteners used on airliners, the FAA said.

"In September 2008, Boeing discovered that it had been installing the incorrect fasteners in 777 airliners," writes Joan Lowy of the Associated Press.

Boeing implemented a plan to address the fastener issue in November 2010, more than two years after the company first learned of the problem.

The FAA first proposed fining Boeing \$2.7 million for the fastener problem in 2013.

In related news, Southwest Airlines agreed to pay a \$2.8 million civil penalty to settle a lawsuit over maintenance of dozens of its Boeing 737 aircraft.

The case involved "fasteners and supporting equipment that ensure that plane fuselages withstand the forces of flying at different altitudes and temperatures," according to Bart Jansen of USA Today.

In the lawsuit, the government alleged that Southwest's maintenance contractor, Aviation Technical Services of Everett, WA, "improperly installed fasteners and sealant between the patchwork of fuselage skin on 44 planes from 2006 through 2009."

During the same time frame, the lawsuit also said that shoring to reinforce the plane's structural integrity wasn't maintained properly on the 44 planes.

Each violation could have been assessed a fine of \$25,000. ♦

G.L. Huyett Acquires Precision Specialties LLC.

On October 19, 2015, G.L. Huyett announced its acquisition of Collierville, TN, based Precision Specialties, LLC., a privately held fastener distributor.

G.L. Huyett's CEO, Tim O'Keeffe, explained "This acquisition compliments G.L. Huyett's strategy to grow our business exponentially through the addition of a broader customer base that includes Original Equipment Manufacturers (OEMs), an increased number of product lines and suppliers, and an extended footprint with a larger talent pool." ♦

PennEngineering License Agreement with EJOT GmbH & Co. KG for PT and Delta PT Screws for Plastics

PennEngineering (Danboro, PA, USA) has entered into a license agreement with EJOT GmbH & Co. KG, Industrial Fastener Division (Bad Laasphe, Germany) covering EJOT PT and Delta PT screws for plastic applications. The agreement allows PennEngineering to use EJOT technical information, patent rights, and trademarks in connection with the manufacture and sale of PT and Delta PT screw products.

PT screws feature a high thread profile and recessed thread root providing increased thread engagement with minimal stress. Delta PT screws are engineered for maximized performance with an enhanced design creating a stronger joint and optimal material flow during installation. They further enable higher performance, better clamp loads, and increased joint

life in service compared with standard screws for plastics. Both families of screws ideally suit thermoplastic applications.◆

Berkshire Hathaway Buying Precision Castparts for About \$32B



Warren Buffett is making the biggest bet of his long investment career, a \$32.36 billion buyout of Precision Castparts in a deal that will continue to reshape his Berkshire Hathaway conglomerate.

The acquisition of the aerospace and industrial company would top Buffett's \$26.7 billion deal for BNSF railroad in 2010. It also follows several huge deals outside of the core insurance companies Buffett built his investment empire, including manufacturers, railroads, utilities and food companies.

Berkshire said that it will pay \$235 per share in cash for Precision Castparts' outstanding stock. The deal is valued at about \$37.2 billion, including debt.◆

Fastenal Reports Decline in Fastener Sales

Fastenal Co. reported fastener sales declined 4.1% in November. Overall sales increased 4% to \$298.2 million during the month, with daily sales down 1.1% to \$14.9 million.

Sales to manufacturing customers dipped 1.6% during November, while sales to non-residential construction customers fell 5.1%.

At the end of November, Fastenal's total store count was 2,626.

During the month, Fastenal's overall workforce increased 12.5% to 20,784, including an 11% gain in store personnel to 11,579; an 11.6% gain in selling personnel to 13,102; a 7% increase in distribution personnel to 2,368; and a 3.6% gain in manufacturing personnel to 633.◆

Fastener Customers Reject 3D Printers for Future Supplies, Says FMW Fasteners

According to the latest business survey from FMW Fasteners, customers are fairly clear they do not see 3D printers as a viable option to produce their future supplies.

Nearly 60 percent of those surveyed said they were unlikely or very unlikely to turn to 3D printing as an alternative to purchasing fasteners from specialists. With 30 percent unsure, only 10 percent were likely or very likely to see 3D printing as a viable option.

“These results surprised us,” says Steve Baker, Marketing Director, FMW Fasteners. “There’s a lot of noise around 3D printers so we thought it was prudent to gauge what our customers thought about them – whether they could foresee a future where they could create their own fasteners with their 3D printer. About 60 percent of our customers run their own business or are self-employed with 40 percent of purchases coming from DIY enthusiasts.

“Our results are a pretty definite ‘no’ from all our customers. Fasteners have got to be strong – they’ve got to be able to be robust enough to not fail under stress. Is plastic that strong and robust? Until we can see genuine strength from a fastener produced from a 3D printer, the trust will not be there to go ahead and mass produce.

“Our suppliers are the best in the business – trusted and quality assured. We think 3D printing is innovative and has immense potential in the medical and engineering fields, but with something as intricate as a fastener, the 3D printing market still has work to do.”

*The survey was undertaken between February 24 and March 15 with 302 people choosing to participate..◆

Global Aerospace Fasteners Market 2016-2020 - Growing Demand for Air Travel Worldwide



Research and Markets has announced the report of the “Global Aerospace Fasteners Market 2016-2020”. The report expects the global aerospace fasteners market to steadily grow during the forecast period, posting a CAGR of more than 7%. Aerospace fasteners are widely used in commercial and military aircraft, ballistic missiles and rockets, and they are also offered in aftermarket service. The aerospace industry makes use of a wide range of fasteners such as bolts, nuts, screws, rivets, pins, and hi-locks.

The growing demand for air travel worldwide has resulted in an increased demand for commercial aircraft fleet, which is a major driver stimulating the growth of the aerospace fasteners market globally. Many countries are investing in the acquisition of military planes, helicopters, and transport aircraft.

The aerospace fastener manufacturers are increasingly focusing on emerging regions like Mexico, Brazil, India, and North

Africa because of their high demand for aircraft. This offers opportunities for third-party companies to collaborate with OEMs and open MRO service centers in these regions.

With a market share of more than 59%, the commercial aerospace segment holds the largest share of the global aerospace fasteners market in 2015. The commercial aerospace market is predicted to reach approximately \$5 billion in revenue and will continue its dominance until 2020.

At present, the Americas dominates the aerospace fasteners market with many attractive investments contributing to its growth. The mergers of major airlines in the US is one of the main reasons driving the growth of the market as these airlines are investing in advanced technology and upgrading fasteners to enhance their flight safety and operations, thus having a positive impact on the market.◆

Mexico Launches a Sunset Review on Carbon Steel Nuts from China

On June 21, 2015, the General Office of International Trade Practice under the Mexican Ministry of Economic Affairs issued an announcement that it decided to launch the sunset review on carbon steel nuts from China. Products fall within CN code 73181603 and 73181604.

The original determination was set on August 2, 2010 with the antidumping duty of 64% against the involved products. On June 9, 2015, the local Mexican industries requested the Ministry of Economic Affairs of Mexico to launch an expiry review on this case.

The investigative period is from April 1, 2014 to March 30, 2015, and the period of analyzing injury is from April 1, 2014 to March 30, 2015 as well. Any interested party should submit the completed questionnaire and related evidence before 14:00 on August 28, 2015. An objection to the complaint should be lodged with related information before 14:00 on September 9, 2015.◆

标 二

Yuyao No.2 Standard Fastener Factory

EYEBOLT SPECIALIST

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 Website: www.biaoer.com
 MB: +86-15306621777
 Fax: +86-574-62003980
 Tel: +86-574-62003860, 62003777
 E-mail: ruanlifei@biaoer.com
 Contact Name: Ruan lifei

China Fastener Info and Düsseldorf (Shanghai) Jointly Organize Fastener Special Zone of wire China



Fastener Special Zone

26-29.09.2016

Shanghai New International Expo Centre



China Fastener Info and Messe Düsseldorf (Shanghai) jointly organize "**Fastener Special Zone**", helping trade buyers to make one-stop purchasing of fastener products, production equipment and raw materials.

Organizers:



Messe Düsseldorf (Shanghai) Co.,Ltd.



SHINE FASTENER SHINE CHINA
The China's Fastener Info Center
Since 1995



Shanghai Electric Cable Research Institute

China Fastener Info (CFI), Messe Düsseldorf (Shanghai) and Shanghai Electric Cable Research Institute has recently agreed to jointly organize Fastener Special Zone (September 26-29, 2016, Shanghai New International Expo Center), which will be concurrently held with wire & Tube China 2016. It is expected that the exhibition will attract over 1,600 exhibitors and the exhibiting space will cover 64,000 square meters.

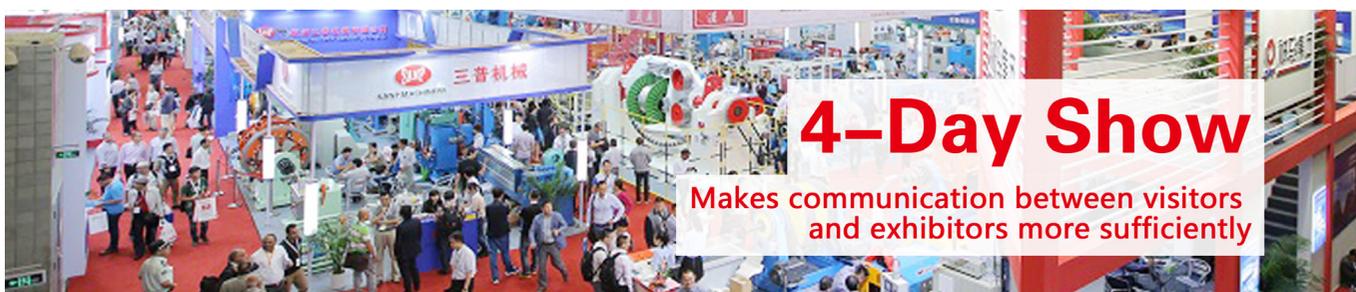
Messe Düsseldorf (Shanghai) and Shanghai Electric Cable Research Institute, is a whole industrial chain display platform, which ranks first in Asia and second in the world and features wire manufacturing and finishing, metal processing tools, materials, special wires, measurement and control technology and automation equipment. wire China is a world's leading trade exhibition



which puts technology in the first and integrates the most advanced and innovative technologies of the world.

Fastener Special Zone, which serves as the extension of the downstream industry chain of wire and cable industry, will help professional buyers to do one-stop purchasing of raw materials of fasteners, its production equipment and the finished products, contributing to foreign export and the transformation and upgrading of domestic manufacturing industry.

For further information, please visit www.fastenertradeshow.info and <http://www.wirechina.net/en/>. ♦



The 15th Fastener Trade Show Suzhou Ended with Great Success!



The 15th Fastener Trade Show Suzhou was successfully held on 21-23 October 2015 at Suzhou International Expo Center, China.

The exhibition consisted of two halls—fastener hall and supporting product hall. The three-day event attracted a large number of famous fastener brands, such as Shengdiwei Hardware, Guanhong Hardware, Meishan CSR, Handan Zhengxin, Anhui Karry, Shanghai FQC, Jinan Star, Wenzhou Fengding, Dongguan Chaojun, Suzhou Linqun, Zhejiang Sansega, Zhongsheng Metal, Dongtai Huawei, Wenzhou Oulier, microGleit, Quanyou Standard Parts, Dongguan STL, Dongguan Ruishun, Suzhou Yongyong, Jiangsu Washen, Hengfeng Rivet, Suzhou Aozhan, Flybear Hardware, Haiyan Jiansheng, LenMain Metal, etc. Meanwhile, fastener supporting companies also showcased their fastener related products onsite.

In addition, the show included regional pavilions from Jiashan, Pinghu and Hebei, presenting their regional brand images to the visitors from home and abroad.

From 2016, Fastener Trade Show will be held in Shanghai for even years and in Suzhou for odd years. ♦



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Contact person: Even Zhu

TEL: +86-573-86966966

FAX: +86-573-86976388

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Haiyan, Zhejiang, China

mail: junyue@zj-junyue.com

web: www.zj-junyue.com



Discover Sheet Metal Processing, Metalcutting and Metalforming Technologies

Eurasia's leading industry event- WIN EURASIA Metalworking will be held on February 11-14, 2016 at Tüyap Fair Convention and Congress Center, Istanbul, Turkey.

Turkey is at the center of an economic and political area known as 'Eurasia', where three continents of the world, Europe, Asia and North Africa meet. The proximity to the Balkans and the rest of Europe as well as to the growing emerging markets in Central Asia, the Middle East, and North Africa creates unique business opportunities. The experience of numerous global firms confirms Turkey as a predominant investment location and export platform.

The machine manufacturing industry holds strategic significance in the development process of countries creating a multiplier effect on economic development by defining the manufacturing skills of other sectors through investment, intermediate goods and the services it offers. A developed machine manufacturing industry provides a critical competitive power over other countries in the manufacturing industry.

Turkey and WIN Eurasia Metal Working are interesting not just for mechanical engineers, but also for subcontractors, as mechanical engineering in Turkey has grown by more than 20 percent annually since 1990. Currently, mechanical engineering represents around 10 percent of Turkish exports, but is expected to grow to 20 percent by 2023. According to the mechanical engineering association MAIB, this will equate to some 100 billion dollars, making Turkey to one of the world's five biggest machinery exporters – and adding up to great potential for subcontractors.

Staged from February 11 to 14 in Tüyap Fair Convention and Congress Center, WIN EURASIA Metalworking unites two



separate trade fairs – Metalworking and Surface Treatment – under a single umbrella. During the event where the leading manufacturers of the industry showcase their innovations, visitors will get a chance to reach the entire sheet metal working and surface treatment technology chain.

Product Groups

Metal Working:

Raw material, material handling, forming and separation technology, combined machines, wire, tube and section processing, joining, welding, fastening, measurement, process and quality control repair and machine shop equipment, safe@work, services, consultancy, education.

Surface Treatment:

Surface cleaning and pre-treatment, paint and plastics coating system, galvanization systems, special surface coating technologies, paint, varnish and coating materials.

According to the statistics, 622 companies from Austria, Bulgaria, China, Denmark, France, Hungary, Italy, Germany, South Korea, The Netherlands, U.A.E, UK and Turkey exhibited their products at WIN EURASIA Metal Working 2015. Germany, Italy and South Korea were presented as country pavilion. The show was visited by 29.106 professional visitors from various sectors and countries.

For further show information, please go to www.win-metalworking.com/en . ♦



Leading trade fairs of the manufacturing industry

WIN EURASIA Metalworking 11 - 14 February 2016



METALWORKING

International Machine Components and Metalworking Fair



SURFACE TREATMENT

International Surface Treatment Technologies Fair

Tüyap Fair Convention and Congress Center
Istanbul • Turkey

www.win-metalworking.com



WIN EURASIA Automation 17 - 20 March 2016



OTOMASYON

International Industrial Automation Fair



ELECTROTECH

International Energy, Electric and Electronic Technologies Fair



HYDRAULIC & PNEUMATIC

International Fluid Power Technologies Fair

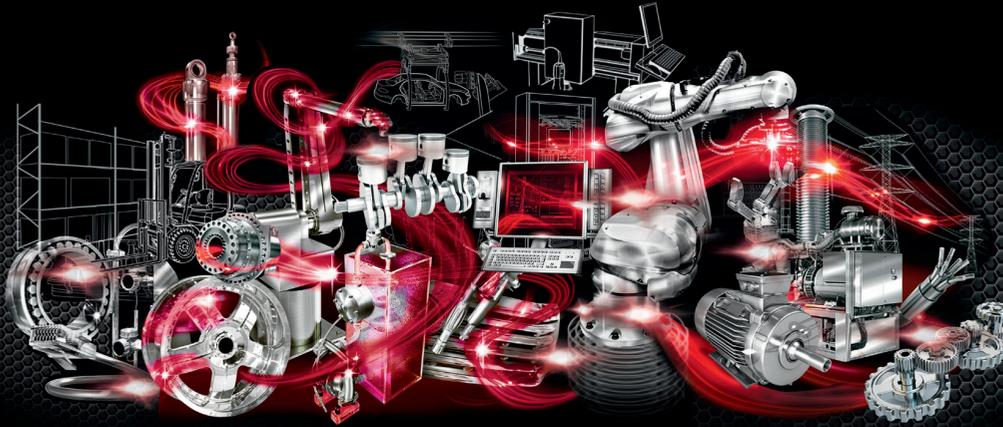


MATERIALS HANDLING

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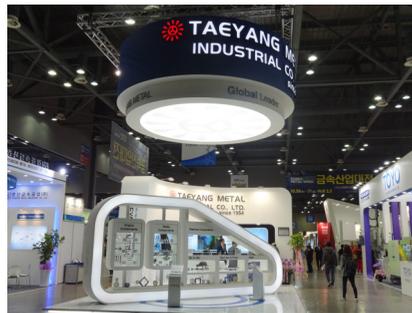
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THESE FAIRS ARE ORGANIZED WITH THE INSPECTION OF THE UNION OF CHAMBERS AND COMMODITY EXCHANGES OF TURKEY IN ACCORDANCE WITH THE LAW NUMBER 5174.

A Door to Witness Latest Trend of Metal Industry in South Korea

Korea Metal Week 2015 Report

On October 28-31, 2015, “Korea Metal Week 2015” was grandly held in Korea International Exhibition Center (KINTEX). China Fastener Info started its 83th global trip by participating in this exhibition as media partner (Booth#2c204) to distribute a large number of CFDs (*China Fastener Directory*), aiming to help Chinese fastener companies to explore the potential of Korean market and find business opportunities.



According to the organizer Korea Trade Fairs Ltd. and Korea Federation of Fasteners Industry Cooperatives, the event was comprised of 9 specialized parts, which were “16th Fastener & Wire Korea”, “11th Die Casting & Foundry Korea”, “9th Automobile & Machine Parts Korea”, “15th Press & Forging Korea”, “16th Tube & Pipe Korea”, “3rd Metal Surface Treatment and Painting Korea”, “2nd 3D Printing Technology Show”, “1st Aluminium Korea”, and “SAMPE Korea 2015 & KOREA Composite Show”.

Korea Metal Week 2015 had attracted 350 exhibitors from 25 countries

and regions with 765 booths (14,706 sq.m), which represented a 25% increase than last show in 2014. The concurrent shows also included “KOMAF”, “TOOLTECH”, and “ROBOTWORLD”.

For “16th Fastener & Wire Korea”, there were 90 exhibiting companies, most of which were Korean exhibitors. Exhibitors from mainland China and India exhibited in regional pavilions.

Korea Metal Week, already established itself as the biggest metal industry and machinery fair in Korea, ensures your success by many chances to



meet buyers around the world as well as to exchange the information of technology. The next show is scheduled to be held on October 19-22, 2016.

For further information, please visit www.korea-metal.com

METALEX Vietnam 2015:

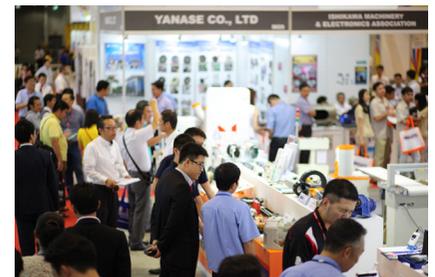
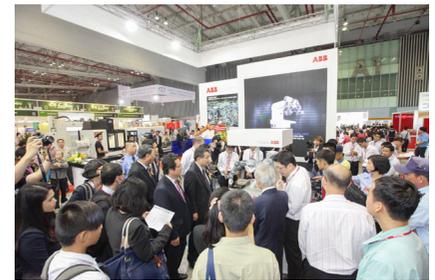
The Absolute Platform for Production Upgrades

13,777 Industrialists Discovered the Right Technologies & Solutions!

The “Business Alliance for Supporting Industry 2015”, “METALEX Vietnam 2015” “Electronics Assembly 2015 (EA)”, and “Industrial Components & Subcontracting Vietnam 2015 (ICSV)” have finally ended with business connections beyond boundaries while prompting metalworking and supporting industries in Vietnam to be fully armed with the right technologies to venture into the new age of ASEAN Economic Community (AEC). From 8 – 10 October 2015, all the delegates engaged in business discussions,

exchanging contacts, catching up with new solutions and learnt new trends that could elevate their manufacturing processes to the next step of productivity.

All visitors enjoyed solid contents ranging from innovative machineries and networked with business partners they desired. There are 13,777 industrialists and 267 group visits from local and other 33 countries around the world including Australia, Cambodia, China, Colombia, Denmark, Egypt, Finland, France, Germany, Hong Kong, India, Indonesia, Iran, Italy, Japan, Korea, Lao P.D.R., Lebanon, Malaysia, Myanmar, Netherlands, New



Zealand, Philippines, Portugal, Russia, Singapore, South Africa, South Korea, Switzerland, Taiwan, Thailand, United Kingdom, and United States.

Over the course of three days of business, thousands of industrial manufacturers engaged in face-to-face business connection and discovered extensive networking opportunities.

Next year, METALEX Vietnam 2016, Vietnam’s international exhibition on machine tools and metalworking solutions for production upgrade, will return with more and more modern technologies and rich contents alongside NEPCON Vietnam 2016 during 6 – 8 October, 2016 in Ho Chi Minh City.



For more information, please visit www.metalexvietnam.com ♦

18th M-Tech Osaka Ended

with Huge Success - 1,063 Exhibitors and 42,216 Visitors

On October 7-9, 2015, 18th M-Tech Osaka was grandly held at INTEX Osaka, Japan. China Fastener Info participated the show once again as an exhibitor and media partner (Booth#16-47), aiming to help Chinese fastener enterprises explore the Japanese market. As usual, China Fastener Info distributed *China Fastener Directory* onsite.

According to the organizer Reed Exhibitions Japan Ltd., M-Tech Osaka is Western Japan's largest exhibition gathering all kinds of mechanical parts such as bearings, fasteners, mechanical springs and metal and plastic processing technology.

M-Tech Osaka attracts a significant number of professionals from design, development, manufacturing, production engineering, procurement and quality control departments, who are looking to buy solutions for their businesses.



18th M-Tech Osaka and 18th DMS OSAKA were two major themes of Manufacturing World Osaka 2015, concurrently held with 2nd METAL OSAKA, 3rd PLASTIC OSAKA and 3rd FilmTech OSAKA. Organizer said that the 3-day show ended with huge success with 1,063 exhibitors and 42,216 visitors.

In addition to the Japanese exhibitors, the show also attracted international exhibitors from Thailand, South Korea, Mainland China, Taiwan, etc.

M-Tech Osaka 2016 will be held during October 5-7, 2016.

For more information, please visit www.mtech-kansai.jp/en. ◆

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www.mtech-nagoya.jp/en/

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Dates: June 22 (Wed) – 24 (Fri), 2016
Venue: Tokyo Big Sight, Japan
Organised by: Reed Exhibitions Japan Ltd.
www.mtech-tokyo.jp/en/

OSAKA

Dates: October 5 (Wed) – 7 (Fri), 2016
Venue: INTEX Osaka, Japan
Organised by: Reed Exhibitions Japan Ltd.
www.mtech-kansai.jp/en/

* "Largest" in reference to the exhibitor number and the net exhibit space of trade shows with the same concept.



Organised by

 Reed Exhibitions

M-Tech Show Management
Reed Exhibitions Japan Ltd.

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INDOFASTENER

2015 Post-Show Report

INDOFASTENER 2015, a dedicated trade fair for the fastener and fixing industry, took place on September 17-19, 2015 at Jakarta International Expo Kemayoran, Indonesia.



Organized by PT Wahana Kemalaniaaga Makmur (WAKENI), INDOFASTENER 2015 offered a business opportunity for raw material suppliers, manufacturers of fastener production machinery and equipment, and product manufacturers to come into closer contact with buyers, specifiers, distributors and industry professionals from across Indonesia and the neighbouring countries of Southeast Asia who are constantly sourcing for the latest and cutting-edge fastener and fixing technologies.

INDOFASTENER 2015 also provided the perfect platform for the industry to explore the latest trends on the fastener market, new products, technologies and solutions in a conducive location.



According to the statistics, there were about 208 exhibitors for INDOFASTENER and INDOAUTOMOTIVE, 61 of which were from China mainland, including Dongguan Boito, Ganzhou Heying, Haiyan Booming, Ningbo Boye, Ruian Xintai, Siluk Hardware, Shandong Tengda, Shanghai Jingyang, Wuxi Anshida, Jiashan Zhongsheng, etc.

For further information, please visit www.indofastener.com. ♦





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VIETNAM MANUFACTURING EXPO 2016

"Vietnam Manufacturing Expo" will make a grander return in 2016 with more defined focuses on mold & die and plastics manufacturing to better serve the core sectors such as electronics and motorcycle parts and components. This edition is ready to offer you and other 200 brands from 20 countries the exclusive platform to drive your business growth with over 10,000 quality buyers eager to capture the success at the right moment, especially after the realization of the ASEAN Economic Community (AEC) which will trigger a country in transition like Vietnam to glide with golden opportunities.

Exhibit space is open for reservation.

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wire and Tube Southeast ASIA 2015

Vision, Innovation, Technology

wire and Tube Southeast ASIA 2015 take place at a time where strong industrial, manufacturing, construction, aerospace, automotive and telecommunication developments are expected in the Southeast Asian region which will see strong demand for the wire and tube industries.

Trade visitors from across a broad range of sectors such as building and construction, automotive, chemicals and petrochemicals, technical specialist retailers, educational institutions and technical colleges, wire manufacturers and more were present.

Various group visits from numerous local factories including Bangkok Steel Wire, Bangkok Cable, Kulthorn Materials & Control, and others, arrived over the three days.

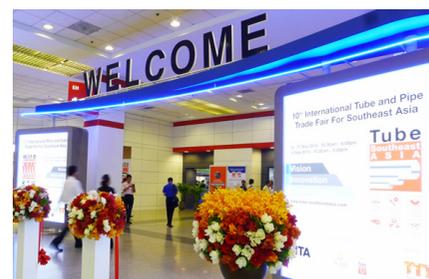
For more information, please visit www.wire-southeastasia.com. ♦



The 11th International Wire & Cable Trade Fair for Southeast Asia and the 10th International Tube and Pipe Trade Fair for Southeast Asia, was officially opened on September 16 by Mr. Arthit Wuthikaro, Director-General, Ministry of Industry.

The co-located exhibitions held at Bangkok Trade & Exhibition Centre (BITEC) presented an impressive line-up of machinery, innovative products and solutions from the synergistic sectors of wire, cable, tube and pipes.

Over three days, 400 international companies from 30 countries, including 8 National Pavilions and country groups from Austria, China, France, Germany, Italy, Taiwan, the UK and USA, came together in a single staging- making wire and Tube Southeast ASIA 2015, the region's leading specialist exhibitions for these sectors.



Sino-Thailand Fastener Exchange Conference

Grandly Held in Bangkok

On September 15, the Sino-Thailand Fastener Exchange Conference was grandly held at the meeting room of Ibis Bangkok Riverside Hotel, Thailand.

Jointly organized by China Fastener Info and JiraNatee Associates Co.,Ltd., the Sino-Thailand Fastener Exchange Conference focused on strengthening the trading and cooperation between China and Thailand in the fields of bolts, nuts, screws, fasteners, molds, bearings, machinery, etc.

The conference had attracted more than 20 fastener and related companies from China and Thailand. The Chinese delegation included Aozhan Industrial Co.,Ltd., Ningbo Henghui Thread Tools Co.,Ltd., Jinqi Industrial Co., Ltd., etc. While the Thai delegation was consisted of Thailand fastener companies such as TPC, Teo Lang Heng, General Trade, etc..

After the conference, the company representatives expressed that China and Thailand are friendly neighbors

and it is significant to organize such an exchange in the fastener field. Especially under the backdrop of "the belt and road", it is necessary for both sides to strengthen industrial exchange and cooperation. With the help of organizer, most of the participants said that they had found their business partners, and some had reached preliminary cooperation intentions. ♦

Thailand Business Exchange Delegation Photo highlights



Participate in Sino-Thailand Fastener Exchange Conference



Visit wire & Tube Southeast Asia



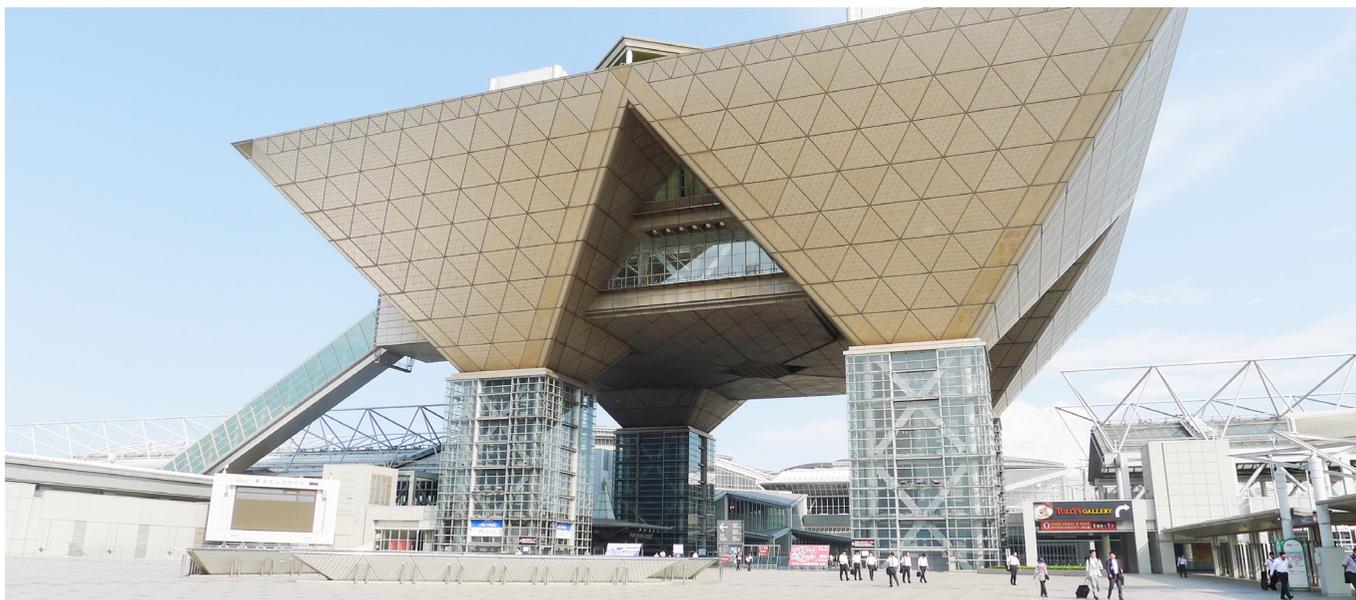
Visit Thailand Fastener Wholesales Market



Visit AMATA Industrial Zone



Visit Thailand Fastener Company



19th M-Tech Tokyo Breaks its records! - 2,253 Exhibitors & 81,469 Visitors

26th Manufacturing World Japan 2015" is one of the world's largest trade shows for manufacturing industry held at Tokyo Big Sight (Japan) from June 24th to 26th, 2015.

The number of exhibitors and visitors recorded the largest number in its history with 2,253 exhibitors from 20 countries and 81,469 visitors from all round the world. In fact, according to the huge number of exhibit requests, Show Management had prepared 10% larger exhibit space than 2014 show. However the show ground was completely full occupied by exhibit booth (sold out all exhibit spaces) and the show was completely packed by exciting atmosphere.

Since this show is recognized as a must attend show for manufacturing industry in Japan and Asia, most of key industry players exhibited and visited 26th Manufacturing World Japan 2015, and their business meetings were seen everywhere in the show venue.

■ International business expands

Various foreign associations, governmental bodies participated in the show in order to invest deeper into the Japanese/Asian market and also held various official meetings. A number of countries held national pavilions to illustrate their devotion towards the Japanese market and gathered technologies representing their country.

This year Thailand, Taiwan, China, Korea, Singapore and Malaysia had pavilions.

■ **The number of international exhibitors: 47% increasing from last year!**

Overall the international participation of both exhibitors and visitors have been continually expanding, this year marking a 47% growth in exhibit space covered by international firms.

Japan 2016 will be held in June 2016 at Tokyo again. According to big satisfaction from exhibitors, remaining exhibit spaces has been already very limited.

Please contact Show Management in order to secure your booth. Web: www.mtech-tokyo.jp/en/

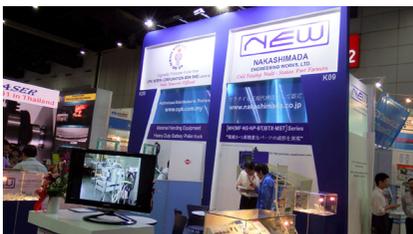


Deep into Southeast Asia's Automotive Manufacturing Hub

CFD2015 Plus Distributed in Automotive Manufacturing 2015

Sawadeeka! Automotive Manufacturing 2015 opened on 24-27 June, 2015 at BITEC, Bangkok, Thailand. As the only one supporting media from Mainland China, China Fastener Info (CFI), attended the exhibition with the latest *China Fastener Directory 2015Plus* (CFD2015Plus), setting off the 78th stop of its global trip (**Booth: L24**).

It was to be noted here that the latest CFD2015Plus debuted on 19th M-Tech Tokyo and Automotive Manufacturing 2015 on June 24 at the same time, aiming to help Chinese companies to explore the Asian market.



According to the organizer, Reed Tradex, the Manufacturing Expo 2015 attracted around 2,425 brands from 46 countries. Exhibitors from Mainland China, Chinese Taiwan, Japan, Korea, Singapore and Vietnam built their pavilions onsite. There were around 13 exhibitors from Mainland China and 43 from Taiwan.

technology, mold making technology, electronics manufacturing technology, and surface and coating solutions.

The 2016 edition will be held on June 22-25, 2016. For more information, please visit www.automanexpo.com ♦



Being part of the Manufacturing Expo 2015, Thailand's largest manufacturing and supporting industries event, meant participants of the Automotive Manufacturing 2015 were offered with the widest array of automation

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Address: Middle of Xishan Road, Yongnian County,
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Website: <http://52197v.chinafastener.info>

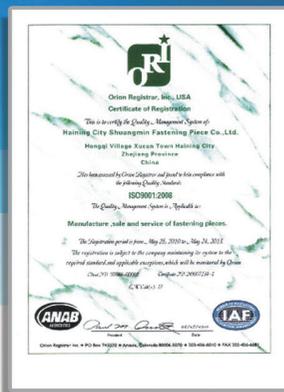


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Fax: +86-574-62938308

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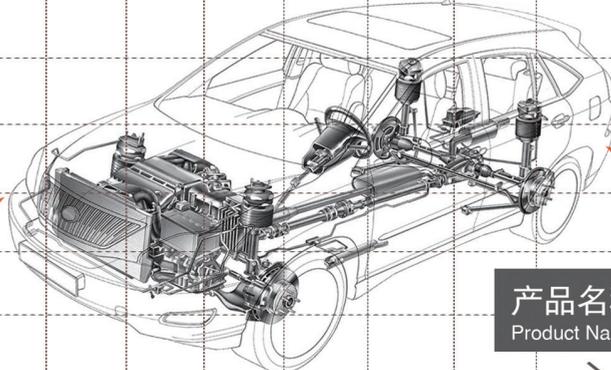
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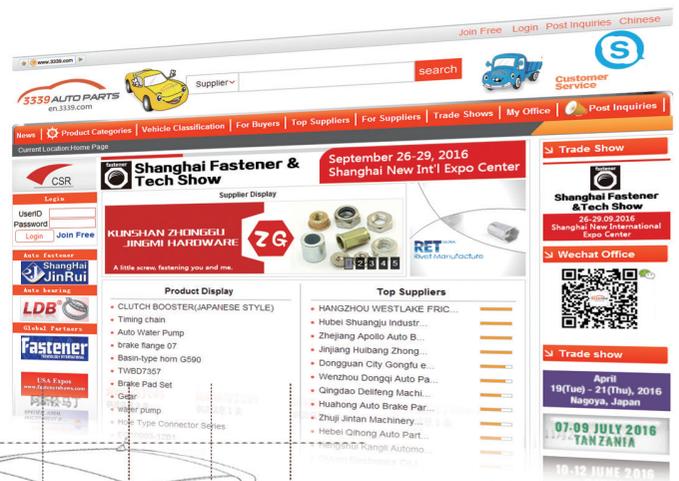
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USEFUL FASTENER ABBREVIATIONS

by Mike McGuire, American Fastener Source Guide

18-8	Stainless steel with 18% chrome and 8% nickel, also known as 304 stainless steel 2, 5 or 8 Strength grade of hex head cap-screws and nuts	A307	ASTM spec for carbon steel bolts and studs	Bind	Binding head
2, 5 or 8	Strength grade of hex head cap screws and nuts	A325	ASTM spec for structural bolts	Bl Ox	Black oxide
2A (3A)	Class of thread fit for inch screws	A490	ASTM spec for structural bolts	BR	Brass material
2B (3B)	Class of thread fit for inch nuts	A563	ASTM spec for carbon and alloy steel nuts	BRZ	Bronze material
2H	Nut strength level designation (ASTM A194 Grade 2H Heavy Hex Nuts)	A	Type "A" tapping screw	BS	British Standard
17	Type 17 screw point	AB	Type "AB" tapping screw	BSF	British Standard fine thread
17-4 PH	Martensitic stainless steel alloy	ABS	Class of plastic material – based on acrylonitrile-butadiene-styrene copolymers	BSW	British Standard Whitworth thread
2024 – T4	Aluminum alloy used on fasteners	AISI	American Iron and Steel Institute, specifies chemical composition of steel	BT	Bolt (on drawings)
302 – 304	Common grades of stainless steel fasteners	ALU	Aluminum material, specify type (ex: 6061-T6)	<hr/>	
316	Grade of stainless steel used for fasteners	AN	Precedes a dimensional specification for aircraft fasteners developed by ASG	C	When followed by a number (ex: C-35) hardness measured on the Rockwell C Scale, or an abbreviation for carbon steel, stands for national coarse thread and Type C Screw T/F
410	Grade of stainless steel used for fasteners	ANSI	American National Standards Institute	CB	Carriage bolt
6g	Class of thread fit for metric screws	AS	Alloy steel	CH	Case hardened (type of heat treatment)
6H	Class of thread fit for metric nuts	ASME	American Society of Mechanical Engineers	CL	Class(metric material/strength specifications)
6061 – T6	Aluminum alloy used on fasteners	ASTM	American Society of Testing and Materials	CP	Cotter pin
6262 – T9	Aluminum alloy used on fasteners	B	When followed by a number (ex: B-90) hardness measured on the Rockwell B Scale, or an abbreviation for Type "B" tapping screws, or an abbreviation for boron	C/R	Cross recess drive (i.e., Phillips drive) or chamfer/radius
7075 – T73	Aluminum alloy used on Fasteners	Bake	Heat treat process used in plating to prevent hydrogen embrittlement	Cad	Cadmium plating
A193	ASTM spec for alloy steel and stainless for bolts, high pressure and high temperature	BF	Type BF thread former/cutter	CAD	Computer-aided design/drafting
A194	ASTM spec for carbon and alloy steel for nuts, high pressure and high temperature	BHN	Hardness measured with a Brinell Hardness Tester	Cad/Wax	Cadmium plating with a topcoat of wax
A286	Incoloy® Alloy	BHSC	Button head socket cap screw	CARR	Carriage bolt(s)
		BHT	Button head Torx® socket cap screw	COO	Country of origin
				CPR	Copper material
				CR	Chrome
				CRS	Cold rolled/drawn / finished steel, 1008-1020 unless specified
				CRES	Corrosion resistant steel

	(usually refers to 18-8 or 316 stainless steel)	G	Grade		chanical and material requirements for steel nuts
CS	Countersunk screw or carbon steel	Galv (Galvi)	Galvanized, typically hot dipped galvanized	JMNT	Jam nut
CSL	Castle hex nuts	Gr.	Grade, refers to strength level of hex head screws and/or nuts (i.e., Gr. 5, Gr. 8)		
CT	Coarse thread			K	Short hand for the number 1,000 (see M)
				ksi	1,000 pounds per square inch
D	Type D or Type 1 thread former/cutter	Hardened	A product that has been heat treated		
DAC (Dac320)	Dacromet coating	HB	Hex bolt, or hardness reading measured on the Brinell Scale	lbs	Pounds
D/C	Double chamfered nut (distinguished from a washer face)	HD	Head	LB	Body length of screws or lag bolt
D/E	Double end stud	H.T.	Heat treated	LCS	Low carbon steel
Dia.	Diameter	HCS	Hex head cap screw	LG	Grip length (distance from head to full threads) on screws
Dich	Di-Chromate	H.D.G.	Hot dipped galvanized	LH	Left hand thread
DIN	German Standards Organization	HHCS	Hex head cap screws	L/W	Lock washer
Driseal	Pipe thread	HHMB	Hex head machine bolt		
		HRB	Hardness measured on the Rockwell B Scale		
ET	External thread	HRC	Hardness measured on the Rockwell C Scale	M	Metric or short hand for the number 1,000 (see K)
EXT	External tooth lock washers	HVHX	Heavy hex head bolt	MAFDA	Mid-Atlantic Fastener Distributors Association
F	Type F thread former/cutter	HWH	Hex washer head	MB	Machine bolt
F436	Hardened flat washer with dimensions per ASTM F436	HWHS	Hex washer head, slotted	Mfg	Manufacturer
F844	Unhardened, general purpose flatwashers	HX	Hex	MFDA	Metropolitan Fastener Distributors Association
FB	Flange bolt	IFI	Industrial Fastener Institute	mm	Millimeter
FBS	Floorboard screws	IH; Hex)	(Ind)Indented hex Inch	Mod.	Modified
FH	Flat head	In.	Internal tooth lock washer	MS	Machine screw
FHCS	Flat head cap screw	INT	Internal tooth and external tooth lock washer	MSNT	Machine screw nut
FHSC	Flat head socket cap screw	Int/Ext	International Standards Organization	MTR	Material test report
Fil	Fillister head	ISO	International Standards Organization	MWFA	Mid-West Fastener Association
FIng	Hex flange bolt or nut	ISIR	Initial sample inspection report		
Fndr	Fender washer	IT	Internal thread	NC	United National coarse thread
FT	Fine thread			NCFA	North Coast Fastener Association
FTI	Fastener Training Institute	J429	SAE Standard that specifies mechanical and material requirements for externally threaded fasteners	NE (NU, NTE, NTU)	Designations that define the thickness of nylon insert lock nuts
F/T	Fully threaded (i.e., stud)	J995	SAE Standard that specifies me-	NEFDA	New England Fastener Distributors Association
FWG	Flat washer			NF	United National fine thread

NFDA	National Fastener Distributors Association	SEFA	Southeastern Fastener Association	UNF	United National fine thread
Nom	Nominal reference to dimensions	SHCS	Socket head cap screws	UNFR	United National fine thread with radius root (standard rolled thread form)
NPT	National tapered pipe thread	Skt	Socket	UNJ	United National thread with large radius root (special fatigue resistant thread)
NT; (& NT)	Nut; or the fastener must include a nut	SL; (Slot)	Slotted drive recess	UNR	United National thread with radius root
<hr/>					
OH; (OV)	Oval head	SMS	Sheet metal screws	USS	United States Standard; used on "large" OD washers
<hr/>					
P	Thread pitch	SPL	"Special"	UTS	Ultimate tensile strength
Pac-West	Pacific-West Fastener Association	Sq	Square, can refer to head or nut	<hr/>	
P/B	Plow bolt	Std	Standard	WAC	Width across flats, measurement used on nuts, bolts and screw heads
PH	Phillips head (drive recess)	STRIP	Stripper bolt (socket shoulder screw)	WAF	Width across corners, measurement used on nuts, bolts and screw heads
Phil	Phillips drive	SS; S/S	Stainless steel	W/F	Washer face (often refers to hex head cap screws and hex nuts)
PI	Plain finish	SSS	Socket set screws	W/N	With nuts
PN	Pan head	STFDA	Specialty Tools & Fastener Distributors Association	Wng	Wing nuts or screws
P/N	Part number	STL; (st)	Steel	W/O	Without, i.e., nuts or washers
Phos (P & O)	Phosphate and oil coating (typically zinc phosphate and oil)	SWFA	Southwestern Fastener Association	WS	Wood screws
Pozi-Drive®	Special cross recess drive (registered trademark of Camcar Textron)	<hr/>			
PPAP	Production part approval process	TB	Tab bolt	YS	Yield Strength
psi	Pounds per square inch	T/C	Thread cutter	<hr/>	
PT	Partial thread or point	T/F	Thread former	Zn	Zinc, usually referring to zinc plating (assumed to be zinc with clear chromate)
PZ	Pozi-Drive® style of cross recess (registered trademark of Camcar Textron)	T.H.	Through hardened (type of heat treatment)	Zn/C (ZC)	Zinc plating with clear chromate topcoat
<hr/>					
R	Radius	Ti	Titanium	Zn Phos	Zinc phosphate and oil (same as Phos, P & O)
RD	Round head or right hand thread	TIR	Total indicator reading	Zn/Wax	Zinc plating with a topcoat of wax
RT	Rolled threads	T/S	Tapping screws	ZN/Y (ZY)	Zinc plating with yellow chromate topcoat
<hr/>					
S	Slotted	TPI	Threads per Inch	<hr/>	
SAE	Society of Automotive Engineers; used for "small" OD on washers; and fine thread	TT; (TR)	Taptite® thread (Reminc), tri-roundular or truss head	<hr/>	
SBR	Silicon bronze	TTH	Threaded to the head	<hr/>	
Sc	Screw	Type 1 (23, 25)	Thread cutting or thread forming screws	<hr/>	
SD	Square drive	Type AB (F, T)	Thread cutting or thread forming screws	<hr/>	
<hr/>					
		U	Type U thread former/cutter	<hr/>	
		U/C FL	Undercut flat head	<hr/>	
		UNC	United National coarse thread	<hr/>	
		UNRC	United National coarse thread with radius root (standard rolled thread form)	<hr/>	

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