



China Fastener Info



The screenshot shows the website's layout with a navigation bar at the top, a search bar, and several content sections. The 'Latest Buying Inquiries' and 'Latest Supply Info' sections list various fastener products and suppliers. The 'Top Supplier Window' features a banner for FMS FASTENER.

- ✓ Post Buying Inquiries
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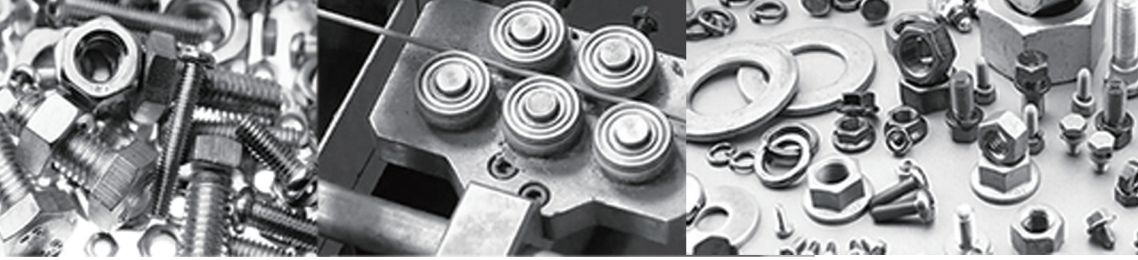


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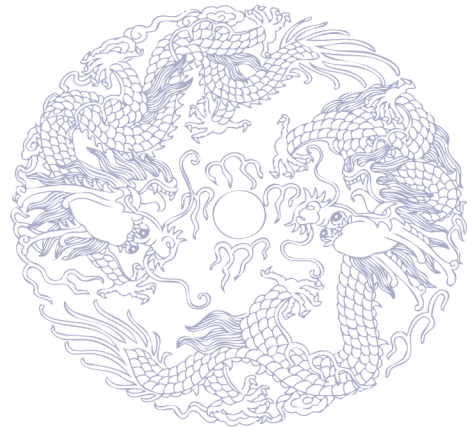
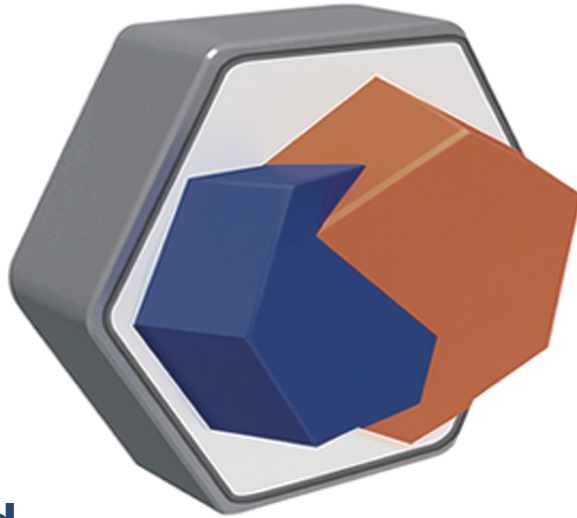
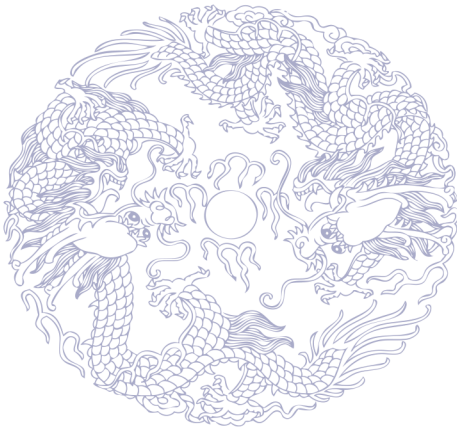
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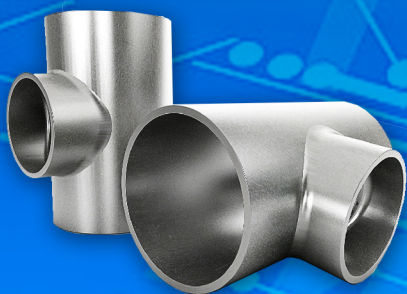
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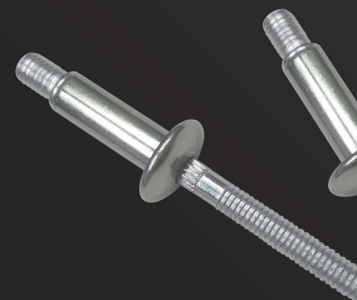
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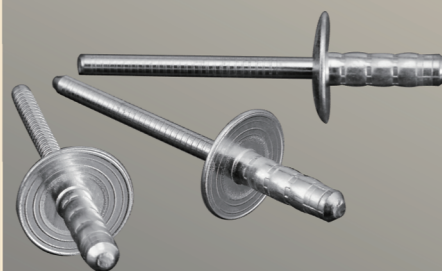
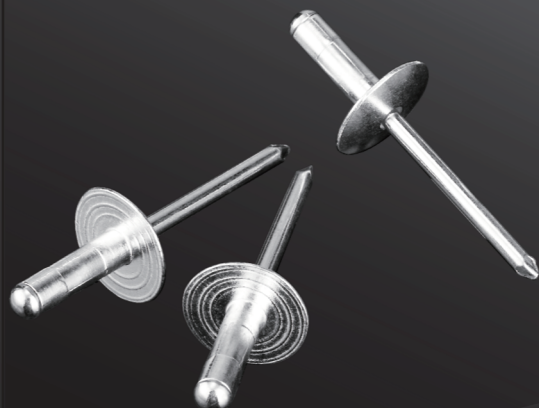
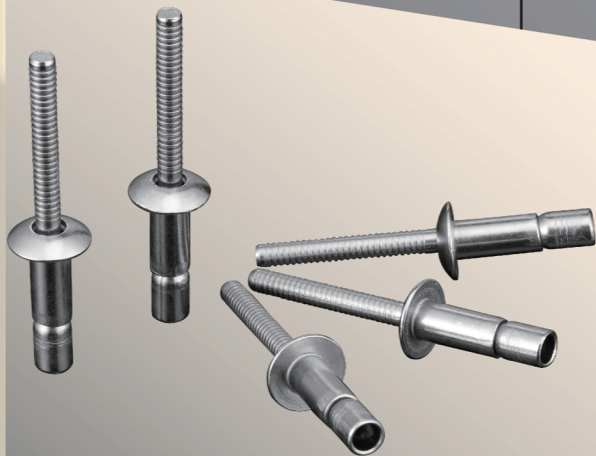
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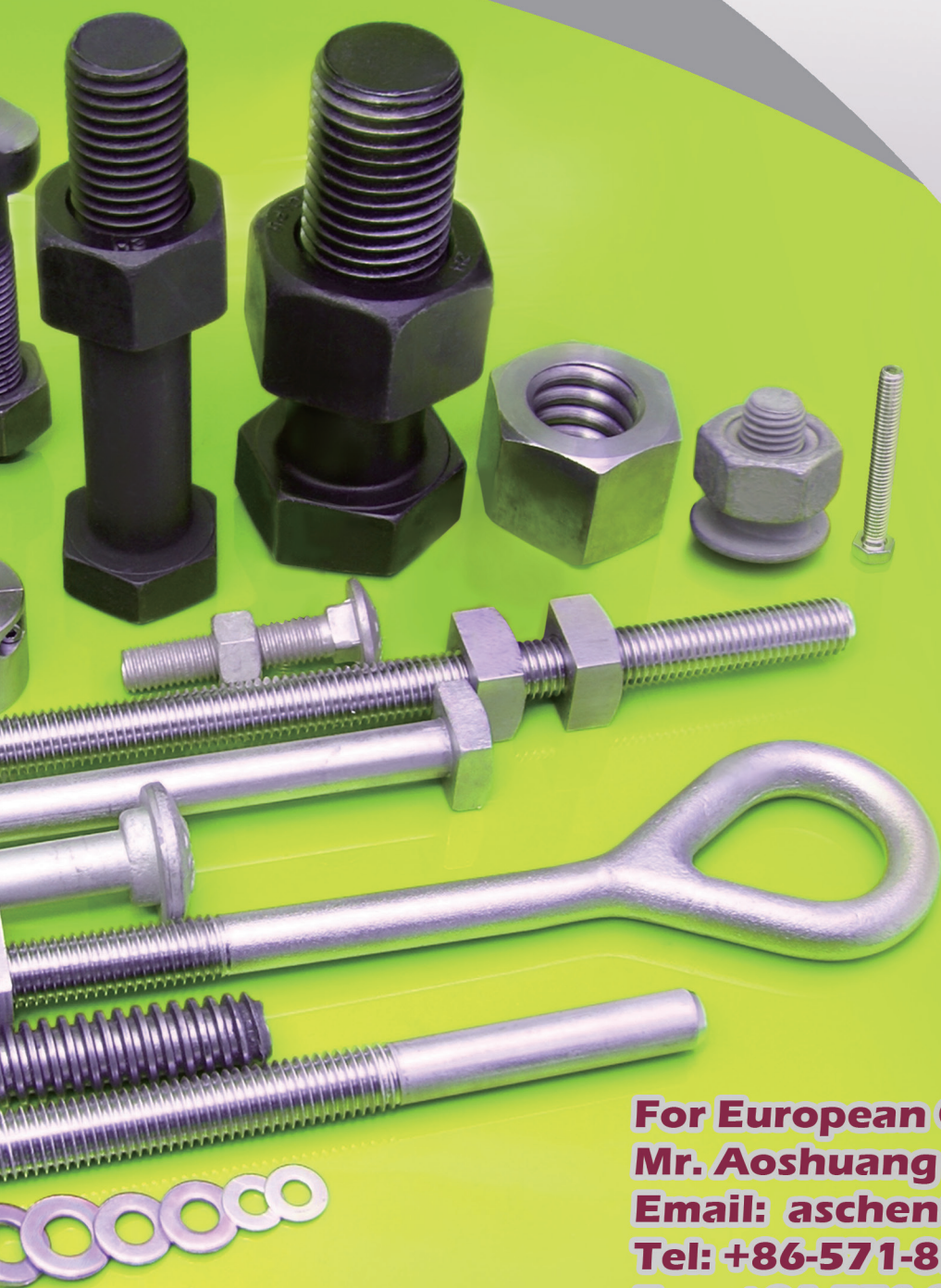


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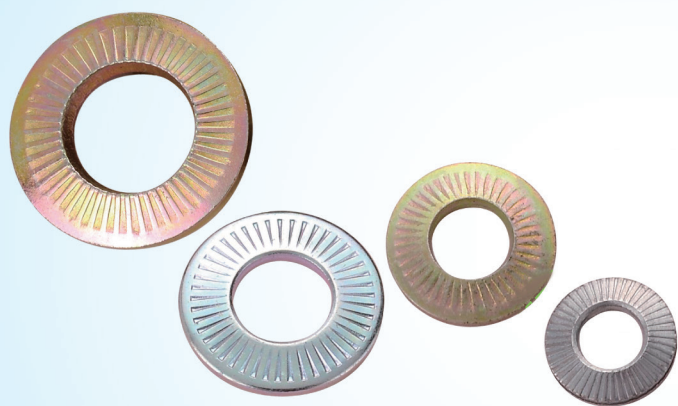
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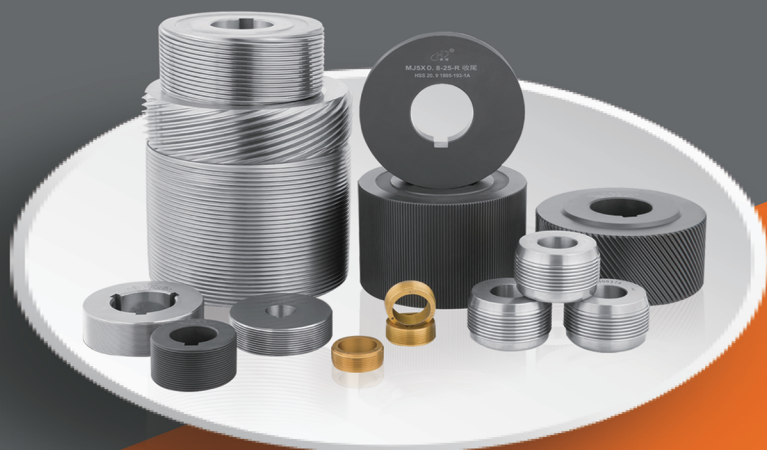
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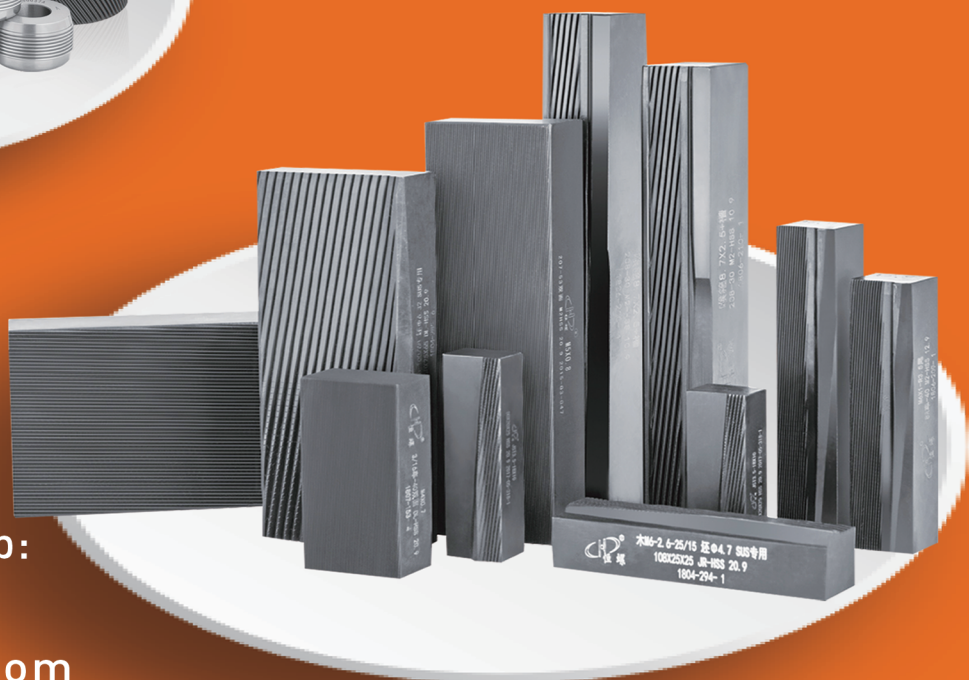


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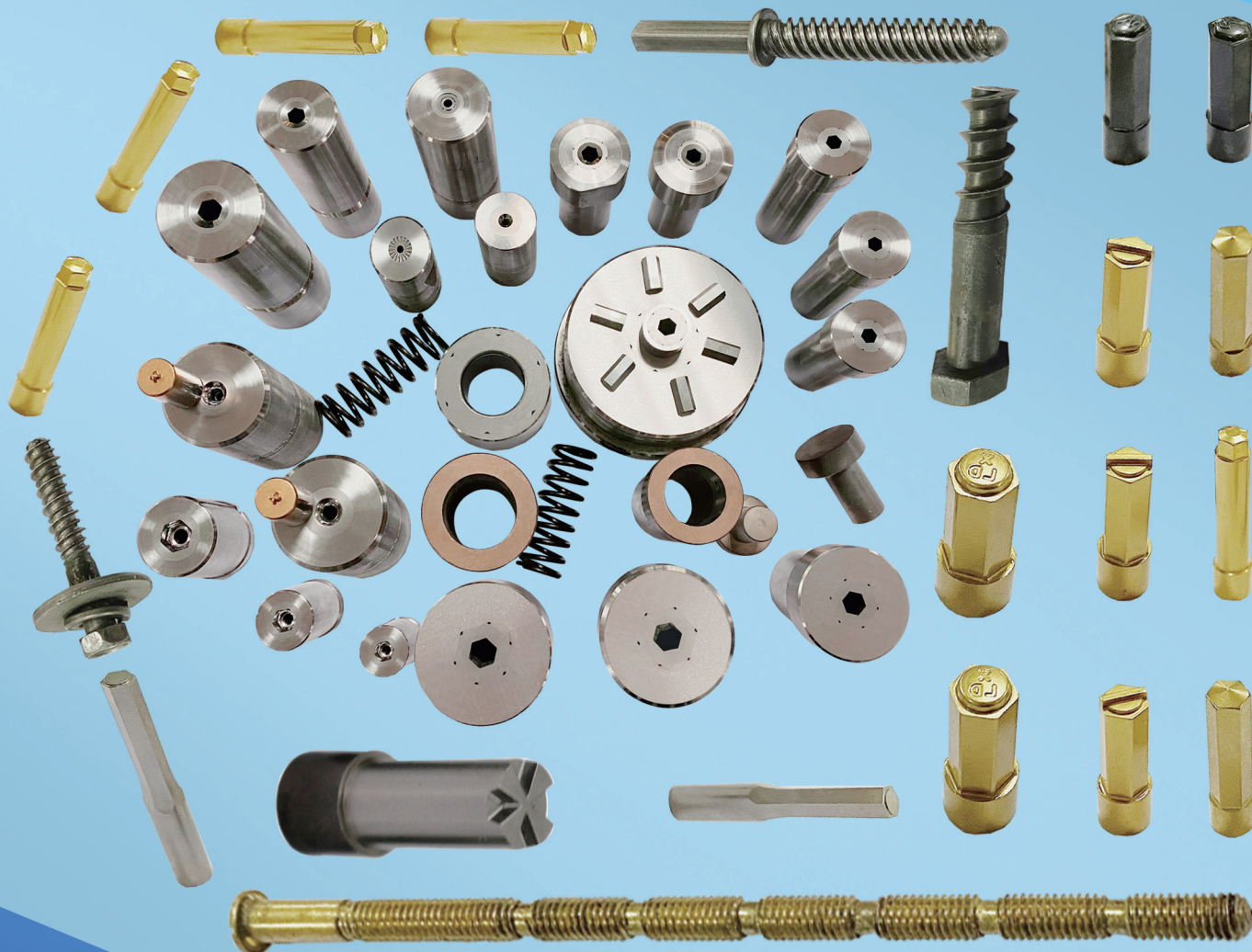


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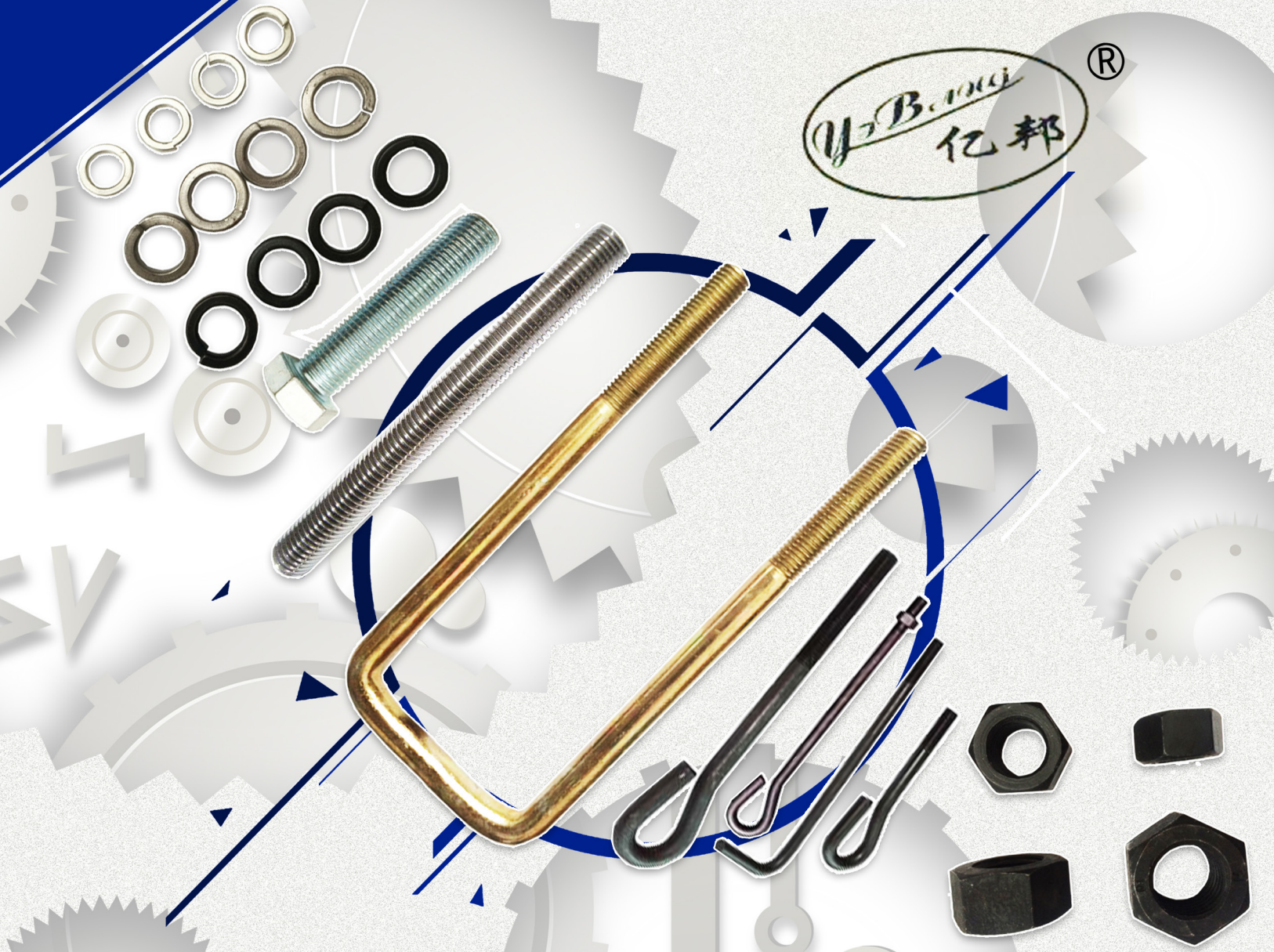
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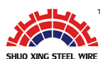
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Zhejiang Minmetals Huitong: A Reliable Specialist in Fastener Supplies



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Minmetals Huitong has a strong sales team of over 60 people with full vigor, rich experience and teamwork spirit. ERP is one of its process management systems. It trades in variety merchandise with outstanding dominance in metal products under the trademarks of "CK", "J", "CAMEL" and "YULIEN". Its main export products are fasteners, valves, water taps, sanitary wares, building hardware, auto and motor accessories.

Engaged in fasteners for over 30 years, Minmetals Huitong has grown with a fruitful achievement in the field and can supply full ranges and sizes in the standards of DIN, ANSI, JIS, BSI. The main types are hex nuts, square nuts, hex bolts, carriage bolts, roofing screws, plain washers, spring washers, machine screws, self-tapping screws and etc.

With the effective international marketing network, Minmetals Huitong has so far been enjoying long-term and stable business relations with over 1000 foreign clients in over 100 countries & regions.

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YuYao No. 2 Standard Fastener Factory: Eyebolt Specialist

Established in 1993, Yuyao No.2 Standard Fastener Factory has been committed to supplying eyebolts for 28 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.

The main products of the factory are eyebolts, dog bolts and hinges for industrial use which are made of various sizes, lengths and materials. 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 No.2 Standard Fastener Factory says.

Thanks to decades of experience and cooperation with clients worldwide, Yuyao No.2 Standard Fastener Factory 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 the factory are widely used in elevators, ships & machines, electric facilities, medical treatment, food processing devices, etc. The factory 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 accept 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 No.2 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 No.2 Fastener Factory plans to make further investment in the factory automation and serve its customers with shorter productive cycle and higher product quality. ♦

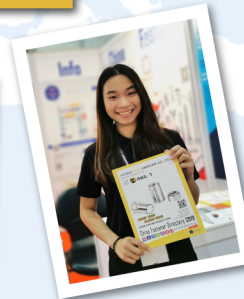


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Development and Visions of China's Professional Anchor Bolt Manufacturer Yuyao Xintai Hardware Co., Ltd.

Yuyao Xintai Hardware Co., Ltd., founded in 2005, is a professional manufacturer of various kinds of anchors, high-strength fasteners and non-standard hardware parts. Covering an area of more than 8000 square meters, it has more than 120 professional workers and obtains the self-managed rights of import and export.



Today, Yuyao Xintai has grown into an enterprise integrating industry and trade. Currently, it has two branches, respectively Yuyao Kede International Trade Co., Ltd. and Ningbo Goodflying Trading Co., Ltd.

During the interview with Mr. Yang, Export Manager of Yuyao Xintai, we had the chance to learn a lot about the development and vision of Yuyao Xintai.

Q: What kinds of anchors does Yuyao Xintai produce? Which industries and application fields do you serve?

A: Yuyao Xintai mainly focuses on 5 categories of products, namely, wedge anchors, undercut anchors, chemical anchors, single expansion anchors, and sleeve anchors, which are widely used in all kinds of engineering projects, such as construction and railway industry. We are dedicated to being a professional anchor bolt supplier for the mid-end and high-end markets.

Q: Could you tell us about your company scale and export market?

A: Our monthly output reaches 800 tons. Nowadays, 85% of our products are for export, which are sold to Oceania, Western Europe, North America, Southeast Asia, etc.

Q: What is your sales target this year?

A: It is expected that our sales in 2021 would grow by 90% year-on-year, generating revenue of RMB 80 million

yuan, as pent-up demand is projected to peak.

Q: How does the pandemic impact the company? How do you cope with the difficulties?

A: Affected by the global pandemic, we are suffering higher costs of raw materials and sea freight. We also feel lots of pressure in tight lead time, for we have increasing number of orders but our production capacity cannot meet the demand.

To solve the problems, we have to increase the number of equipment and personnel, manage the container booking about 1 month earlier, pay close attention to the fluctuation of raw materials, and timely keep customers informed so as to obtain relatively competitive price.



Chemical Anchor



Single Expansion Anchor



Sleeve Anchor



Undercut Anchor



Wedge Anchor



Energetic Sales Team

Q: Could you please share us with some corporate news?

A: We strongly believe that only innovation is the source of outstanding products in the global market and our core competitiveness in the fastener industry. Under the guideline of this philosophy, we are planing to launch at least one new product item every year. We are proud to announce that we have recently developed a new type of wedge anchors. Please just feel free to contact us for the updated catalog.

Q: What is the plan of Yuyao Xintai for 2022 and the future?

A: Our sales are forecast to exceed RMB 100 million yuan in 2022. Growing with customer is our unremitting pursuit. In the future, we prefer taking the path of specialization and enhancing our competitiveness. Infrastructure remains the development trend for both domestic or foreign markets. The recovery after the epidemic will definitely stimulate the demands for construction industry. ♦



Yuyao Xintai Hardware Co., Ltd.

Address: No.37 Zhenbei East Rd, Huangjiabu Town, Yuyao City, Zhejiang, China

Tel: +86-574-62813977

Mob: +86-17705846106, 18967826379

Fax: +86-574-62020898, 62020910

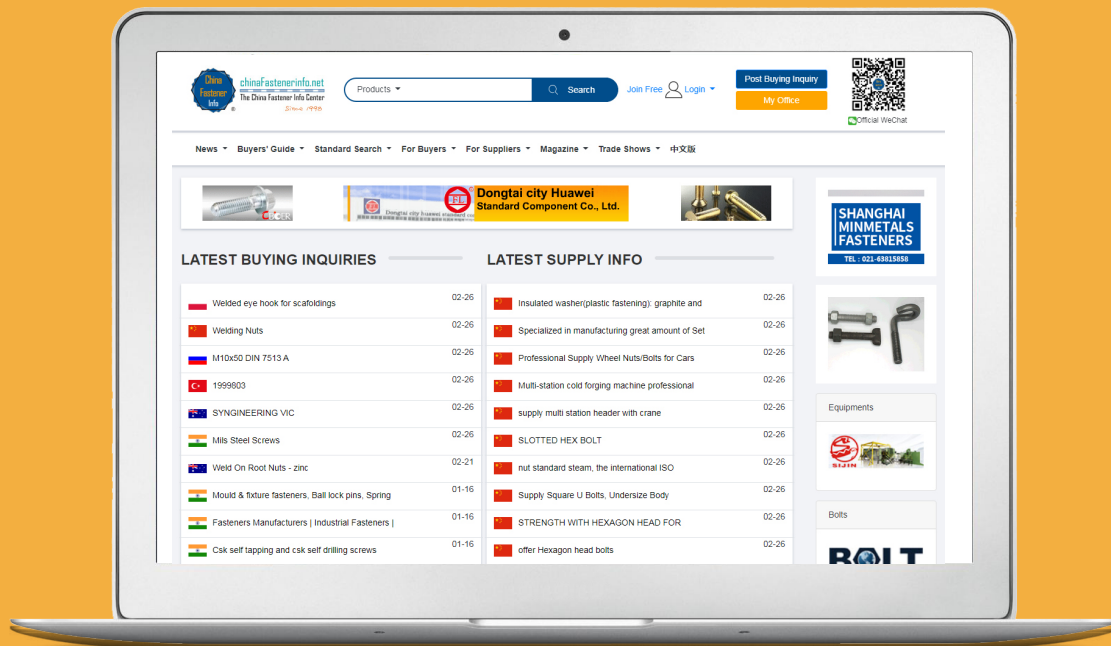
Email: sales@xtanchor.com, office@xtanchor.com

Website: www.xtanchor.com, <http://14295v.chinafastenerinfo.net>



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. Be sure to let these companies know you saw them in *China Fastener Directory (CFD)*.



For details contact **China Fastener Info**
Tel: 86 20 38861363 Fax: 86 20 38812687
Email: info@jzzfastener.net

Website: www.chinaFastenerinfo.net

China Fastener Directory Issue 27

Arnold Fasteners (Shenyang) Co., Ltd.

Thread forming screws: TAPTITE 2000®, DUO-TAPTITE® similar to DIN 7500/7500-1; screws for plastics: Remform®, KT-Screws; self-tapping screws; metric screws.



Tel: +86-24-88790638
Fax: +86-24-88790999
Email: xiaohui.liu@arnold-cn.com
Website: <http://42187v.chinafastenerinfo.net> www.arnold-cn.com

Carlo Salvi (Guangzhou) Machinery and Equipment Ltd.

1-die 2-blow headers, 2-die 4-blow headers, progressive headers.



Tel: +86-20-81734672, +86-13808894952
Fax: +86-20-81239359
Email: info.china@carlosalvi.com
Website: <http://66234v.chinafastenerinfo.net>, www.carlosalvi.com

Beijing Xintianyun Fasteners Co., Ltd.

General fasteners, imported alloy steel fasteners, rivets, steel structural fasteners, plastic fasteners, stainless steel fasteners, titanium alloy fasteners, copper fasteners, aluminum fasteners, chemical anchor bolts, anchor adhesives, self-clinching fasteners, precision screws for electronics, non-standard fasteners, etc.



Tel: +86-10-87607678, 87600505, 87600909, 63466210, 63466609, 67678346, 67672162
Fax: +86-10-87600007, 63439666 Email: xintianyun@263.net
Website: <http://2235v.chinafastenerinfo.net>, www.bjxty.cn

Changshu City Standard Parts Factory

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



Tel: +86-13706239222
Fax: +86-512-52811984
Email: 1401545600@qq.com
Website: <http://8608v.chinafastenerinfo.net>, www.china-dali.cn

Biing Feng Machinery/ Dongguan Ansheng Hardware Machinery Co., Ltd.

High speed nut, roller, rivet, socket, rivet nut, set screw forming machines.



Tel: +86-769-83130244
Fax: +86-769-83131544
Email: 2579589432@qq.com
Website: <http://73581v.chinafastenerinfo.net>

Changzhou Wujin Jiangnan Special Type Screw Co., Ltd.

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



Tel: +86-519-86488200
Fax: +86-519-86489201
Email: sales@jiangnan-screw.com
Website: <http://3167v.chinafastenerinfo.net>, www.jiangnan-screw.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.



Tel: +86-21-56383752, 54488960
Fax: +86-21-56383751
Email: export@bscmetal.com, billow_su@263.net
Website: www.bscmetal.com, <http://17071v.chinafastenerinfo.net>

China Worldbest Holding Ltd.

Nails, screws, bolts and nuts, iron wire and meshes, hinges, mortise locksets, paint brushes.



Tel: +86-510-82752690, +86-13901512736
Fax: +86-510-82751635, 82758973
Email: info@cwbs.com
Website: <http://705v.chinafastenerinfo.net>, www.worldbest-china.com

China W.T Fasteners Co., Ltd.

Self drilling & self tapping screw series, hexagon bolts & nuts, flange bolts & nuts, foundation bolts, sleeve anchors and wedge anchors, etc. Besides, we can produce according to your designs and drawings.



Tel: +86-13283158655, 18003305116
Fax: +86-310-3299929
Email: 2144320082@qq.com
Website: <http://101687v.chinafastenerinfo.net>

Dongguan Fangxin Metal Products Co., Ltd.

Multi-grip blind rivets, single-grip blind rivets, hem-firm blind rivets, blind rivets, tri-firm blind rivets, closed end blind rivets, open end blind rivets, peel type blind rivets, tubular rivets.



Tel: +86-769-83186956
Fax: +86-769-83113006
Email: 1048002316@qq.com
Website: <http://78368v.chinafastenerinfo.net>

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.



Tel: +86-755-61168328
Fax: +86-755-27685476
Email: chengzhi100@126.com, chengzhi0008@126.com
Website: <http://2157v.chinafastenerinfo.net>, www.cnchengzhi.com.cn

Dongguan Guan hong Hardware Technology Co., Ltd.

M3-M10 self-clinching nuts, waterproof nuts.



Tel: +86-769-83691202
Fax: +86-769-83863907
Email: toongyi@163.com
Website: <http://73001v.chinafastenerinfo.net>, www.yamaoluomu.cn

Cixi Hengrun Metal Products Co., Ltd.

Water heater fittings, special nuts, non-standard parts.



Tel: +86-574-63526996
Fax: +86-574-63528996
Email: cxhengrun@hotmail.com
Website: <http://62765v.chinafastenerinfo.net>, www.cxhengrun.com

Dongguan Guoxing Hardware Co., Ltd.

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



Tel: +86-769-81776628
Fax: +86-769-81776629
Email: galand@vip.sina.com
Website: <http://36527v.chinafastenerinfo.net>, www.gd-gxwj.com

Dongguan Dalang Li Wen Screw Mould Factory

All kinds of dies.



Tel: +86-769-81129078, +86-13825778706
Fax: +86-769-81129810
Email: dg_lw2010@163.com
Website: <http://92536v.chinafastenerinfo.net>, www.0769liwen.com

Dongguan Haoyijia Machinery & Equipment Co., Ltd.

Automatic washer assembly machines, spring washer machines, vibration plates and nailing selecting machines.



Tel: +86-769-82092372, +86-13332611988
Fax: +86-769-87565719
Email: jinyi71@21cn.com
Website: <http://43452v.chinafastenerinfo.net>

Dongguan Huen Yi Precision Machinery Co., Ltd.

Rivet machines, button machines, belt cutting machines, hydraulic cutting machines, stationery folder equipment machinery, screw machines, molded teeth machines, milling machines, etc.



Tel: +86-769-88313008, +86-13602371709
Fax: +86-769-88313018
Email: 783700046@qq.com
Website: <http://36299v.chinafastenerinfo.net>, www.hcco.com.tw

Dongguan Shengbiao Hardware Products Co., Ltd.

Nylon lock nuts, K-nuts, nylon flanges, nylon cap insert lock nuts, hex nuts, flange nuts, nuts for lighting, rivet nuts, T-nuts, casings, customized non-standard products, etc.



Tel: +86-769-86263089
Fax: +86-769-83206780
Email: lgc@3339.com
Website: <http://57936v.chinafastenerinfo.net>

Dongguan Juncheng Dacromet Metal Products Co., Ltd.

Dacromet, Zintek, ZTK-coating, Xylan, BNL-coating, DELTA-MKS.



Tel: +86-13925531807, +86-18681011388
Fax: +86-769-82555633, 82606209
Email: juncheng2013@yeah.net
Website: <http://96960v.chinafastenerinfo.net>, www.dgsjcdkl.com

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.chinafastenerinfo.net>, www.sanhewlett.com.cn

Dongguan Litian Hardware & Electrical Co., Ltd.

Prevailing torque type all-metal nuts, K nuts, hex thin nuts, square nuts, domed cap nuts, etc.



金锁定

Tel: +86-769-81093552, 81091980, 81091982
Fax: +86-769-81093551
Email: litancf1668@163.com
Website: <http://62550v.chinafastenerinfo.net>, www.dglitian168.com

Dongguan Yingxing Metal Surface Treatment Materials Co., Ltd.

High temperature coating agent series, medium temperature coating agent series, no pickling coating agent series, drawing series, high carbon steel series, conventional lubricants, high grease lubricants.



Tel: +86-18922942619
Fax: +86-769-81060629
Email: dgsyx@dgsyingxing.com
Website: <http://81391v.chinafastenerinfo.net>, www.dgsyingxing.com

P16

Dongguan Nisun Metal Mould Co., Ltd.

Punches and flat thread rolling dies.



Tel: +86-769-86263769, +86-13713278896
Email: dongguan8@xingmaodg.com, shennywang@163.com
Website: <http://16201v.chinafastenerinfo.net>, www.nisunmould.com

P13

Dongguan Zhengmao Precision Hardware Co., Ltd.

Sheet metal fasteners, self-clinching and welding fasteners, self-clinching nuts, standoffs, studs, pilots, etc.



Tel: +86-769-81160350
Fax: +86-769-83691051
Email: raisesunmetal@163.com
Website: <http://53121v.chinafastenerinfo.net>, www.ZM-metal.cn

BC

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: +86-515-85923866, +86-515-85923919,
+86-21-68753496
Fax: +86-515-85525866, +86-21-68753596
Email: huawei@dthuawei.com
Website: <http://12317v.chinafastenerinfo.net>, www.dthuawei.com

Focus Machinery Co., Ltd.

Our packing systems are mainly for packing hardware and fasteners, such as screws, nails, nuts, bolts, washers, etc. into bags or boxes.

FOCUSPACK
万为包装

Tel: +86-757-29826008, +86-18927780662
Fax: +86-757-28798101
Email: 2885635832@qq.com
Website: <http://95016v.chinafastenerinfo.net>, www.wellpacking.com

Dongtai Huisheng Stainless Steel 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: fei516@yeah.net
Website: <http://51091v.chinafastenerinfo.net>, www.hhfast.com

P10

Foshan City Guangqingchang Metal Plastic Co., Ltd.

Blind rivets.



Tel: +86-757-86610511
Fax: +86-757-86617867
Email: sales@qingchang.com.cn
Website: <http://85429v.chinafastenerinfo.net>, www.qingchangrivet.com

P2,3

Dongtai QB Stainless Steel Co., Ltd.

Bolts, nuts, threaded studs, flanges, pipe fittings.



Tel: +86-515-85520679
Fax: +86-515-85523066
Email: davy@qbfaster.com
Website: <http://2989v.chinafastenerinfo.net>,
www.qbfaster.com

Foshan Nanhai Lishui Hexing Machinery Factory

Automatic cold heading machines, spring machines.



Tel: +86-757-85608889, +86-13902819732
Fax: +86-757-85602181
Email: hexing@fs-hexing.com
Website: <http://6016v.chinafastenerinfo.net>

FMS Fastener

Custom-made all kinds of non-standard fasteners, standard fasteners (bolts, nuts, screws, washers, screws, etc.).



Tel: +86-17531133527
Email: 2381525083@qq.com
Website: <http://113447v.chinafastenerinfo.net>, www.fmsfastener.com

GongLian Hardware Co., Ltd.

Lathe parts, stamping parts, precision screws and nuts which are RoHS compliance.



Tel: +86-769-22881910-823
Fax: +86-769-23056442
Email: 2215787017@qq.com
Website: <http://38590v.chinafastenerinfo.net>, www.gonglian.cn

Guangdong HeKang Hardware Products Co., Ltd.

Screw 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, +86-769-86004061
Fax: +86-769-8261290 Email: 429890629@qq.com
Website: <http://45453v.chinafastenerinfo.net>

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.chinafastenerinfo.net>, www.jxhyhr.com

Guangdong STL Fastening System Co., Ltd.

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



Tel: +86-769-89083477
Fax: +86-769-89083476
Email: szjydwj@126.com
Website: <http://41282v.chinafastenerinfo.net>, www.dg-jyd.com

Haiyan Huayu Automotive Components Co., Ltd.

M3-M30 nuts. GB52, GB6170 high-strength nuts, galvanized nuts, black nuts, flange nuts, weld nuts, brass nuts. We can also produce in accordance with standards of ISO, DIN, ANSI, BS, UNI and various shaped nuts.



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

Haining Sanlic Fastener Factory

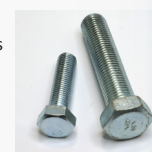
Various non-standard fasteners, full range of non-standard nuts.



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

Haiyan Lianyi Hardware Factory

All kinds of standard fasteners, non-standard bolts & nuts, hardware manufacturing and processing, fasteners for foreign trade.



Tel: +86-573-86513958, +86-13957323412
Fax: +86-573-86513260
Email: hylywj@163.com
Website: <http://27653v.chinafastenerinfo.net>

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.chinafastenerinfo.net>, www.hyff.com

Haiyan Lihe Hardware Products Co., Ltd.

DIN985/982, DIN6923, DIN980, DIN6926, DIN928/929, DIN439/DIN936, DIN1587, non-standard parts, etc.



海盐立禾五金制品有限公司
HAILIAN LIHE HARDWARE PRODUCTS CO., LTD.

Tel: +86-573-86058506
Fax: +86-573-86058509
Email: andhan2008@163.com
Website: <http://96650v.chinafastenerinfo.net>

Haiyan Liyuan Hardware Co., Ltd.

Self-tapping screws, machine screws, wood screws, chipboard screws, drywall screws, expansion screws, hexagonal screws with washers, special screws, etc.



Tel: +86-13666729696
Fax: +86-573-86152126
Email: 576632156@qq.com
Website: <http://101549v.chinafastenerinfo.net>, www.hjiso.com

Handan Ligong High Strength Fastener Co., Ltd.

GB5782/GB5783, DIN933/DIN931, ISO4017/ISO4014, DIN960/DIN961, Grade4.8,8.8,10.9. Dia: M6-M42, length: 12mm-400mm. Hex bolts. DIN912 knurling socket head screws.



Tel: +86-310-6886970, +86-13363063929
Fax: +86-310-6886970
Email: hdligong@yahoo.com
Website: <http://92059v.chinafastenerinfo.net>, www.hdligong.com

Haiyan Yida Standard Parts Co., Ltd.

Anchor bolts, U-bolts, eye bolts, non-standard stamping parts, 4.8, 8.8 threaded rods, stainless steel threaded rods, stainless steel U-bolts, stainless steel parts, etc.



Tel: +86-573-86196258, +86-13666743562
Fax: +86-573-86196258
Email: 850887057@qq.com
Website: <http://37393v.chinafastenerinfo.net>, www.ydfastener.cn

Hangzhou DingYuan Metal Washers Co., Ltd.

Spring washers and flat washers, stamping parts.



Tel: +86-571-83782296
Fax: +86-571-82875869
Email: admin@dyfasteners.com
Website: <http://23505v.chinafastenerinfo.net>, www.dyfasteners.com

Haiyan Yihui Hardware Technology 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.chinafastenerinfo.net>, www.bolthome.com

Hangzhou Hangshen Energy-Saving Furnace Co., Ltd.

All kinds of heat treatment equipment research, development, design, production, manufacturing, sales and service.



Tel: +86-571-86173039
Fax: +86-571-86173039
Email: hsd1088@126.com
Website: <http://30983v.chinafastenerinfo.net>, www.hsd1088.com/en.html

Handan Daoning Fastener Manufacturing Co., Ltd.

Bolts, screws, nuts, rods, studs, washers and many other hardware products, made of carbon steel, alloy and stainless steel, aluminum, brass or other special materials.



Tel: +86-18731035721
Email: heiyup@hotmail.com
Website: <http://98411v.chinafastenerinfo.net>, www.dao-ning.com

Jiangsu Chaoyue Stainless Steel Products Co., Ltd.

Studs, U bolts, chemical bolts, pin shafts, pipe fittings, metal stamping parts, embedded parts, precision non-standard parts.



Tel: +86-523-83980296
Fax: +86-523-83780273
Email: allen@chaoyue818.net
Website: <http://83270v.chinafastenerinfo.net>

Jiaxing GalleBall Auto Parts Co., Ltd.

U bolts, lifting lugs, weld nuts, non-standard nuts, auto parts.

Tel: +86-573-85920717

Fax: +86-573-85920712

Email: galleball_zhang@163.com

Website: <http://99892v.chinafastenerinfo.net>



Jinda Screw Machine (Dongguan) Co., Ltd.

Second-hand 1-die 2-blow, 2-die 3-blow, 2-die 4-blow, 4-die 4-blow and multi-station heading machines, high speed thread rolling machines, rivet machines, trimming machines, slotting machines, drilling machines, nail machines, and other second-hand imported screw machines.



Tel: +86-769-83124939, +86-1790497008

Fax: +86-769-83126949

Email: jindaluosi@163.com

Website: <http://75171v.chinafastenerinfo.net>, www.jd2003.cn

Jiaxing Meiming Hardware Co., Ltd.

Threaded rods, drop in anchors, flange nuts, hexagon head screws, nylon insert lock nuts, stainless steel products, wedge anchors, flange bolts, non-standard parts, carriage bolts, wood screws, double-threaded screws.



Tel: +86-573-82297290

Fax: +86-573-82297290

Email: 1429526799@qq.com

Website: <http://96976v.chinafastenerinfo.net>

Jingjiang Datong Fastener Co., Ltd.

All kinds of fasteners: hex bolts, T-bolts & hex nuts, heavy nuts, carriage bolts, etc. Hot-dip galvanizing.



Tel: +86-523-84211001

Fax: +86-523-84211002

Email: njm31@163.com

Website: <http://44091v.chinafastenerinfo.net>, www.jsjddatong.com

Jiaxing Reegu Hardware Product Co., Ltd.

Rivet nuts with flat head, countersunk head, vertical stripes, hexagonal head, blind hole or other special kinds.



Tel: +86-577-86665360

Fax: +86-577-86665361

Email: 1692643651@qq.com

Website: <http://99588v.chinafastenerinfo.net>

Jingjiang Hengfeng Rivet Manufacture Co., Ltd.

P9

Various types of blind rivets, such as open end blind rivets, closed end blind rivets, multi-grip rivets, henglock rivets, tri-fold rivets, high strength blind rivets.



Tel: +86-523-84553022

Fax: +86-523-84567222

Email: Jenny_qian@hfrivet.com

Website: <http://28123v.chinafastenerinfo.net>, www.hfrivet.com

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: zhangguo@star-fastener.com

Website: <http://1123v.chinafastenerinfo.net>, www.starfastener.com

Jinglefast Industrial Co., Ltd.

P18

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.chinafastenerinfo.net>, www.jgfastener.com

Jiulong Hardware & Stainless Steel Trade Center

Trade market of hardware and stainless steel.



Tel: +86-757-85750666

Fax: +86-757-81108006

Email: 549997798@qq.com

Website: <http://99411v.chinafastenerinfo.net>, www.nhjlwj.com

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.chinafastenerinfo.net>, www.fbr99.com

Kunshan Zhonggu Precision Hardware Co., Ltd.

Stainless steel bolts, nuts, washers, etc.; high strength alloy steel products: socket head cap screws, hex bolts, set screws, shoulder screws; high-pressure bolts of American standard.



Tel: +86-512-57175387, 57826171, 57826172

Fax: +86-512-57175486

Email: kszg@chnhardware.com

Website: <http://39121v.chinafastenerinfo.net>, www.chnfastener.com

Nedschroef Machinery

Multi-station high speed cold formers, automatic high speed hot nut formers, integrated high speed bolt makers, short or long stroke part formers, long part automatic straighteners, cold, warm and hot forming technology consultancy, tool design, develop, testing and manufacturing.



Tel: +32-14-257100, +86-21-35369995, +86-13816589985

Fax: +32-14-212936, +86-21-35369997

Email: info@nedschroef.be; shenghua.wang@nedschroef.be

Website: <http://53865v.chinafastenerinfo.net>, www.nedschroefmachinery.com

Leda Metal Co.

Washers (stoppers, snap rings, cushion rings), spring fasten 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.chinafastenerinfo.net>, www.ledametal.com

Ningbo Beilun Congfeng Machinery Co., Ltd.

Fastener machines.



Tel: +86-574-86907006, +86-13396685588, 15305844680

Fax: +86-574-86900620

Email: cf@nbcfx.com, wwwcom1104@126.com, cf@nbcfx.com

Website: <http://24606v.chinafastenerinfo.net>, www.nbcfx.com

LeeSheng Hardware Screw Mould Factory

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



Tel: +86-769-87983456, 87320123, 87280123, 82003123, 87333456, 82138066

Fax: +86-769-82079088, 82036166

Email: lsmould168@126.com

Website: <http://38299v.chinafastenerinfo.net>, www.lscoy.com

Ningbo Chunli High Strength Fasteners Factory

All kinds of high strength bolts, standard components and non-standard bolts.



Tel: +86-574-86533332, +86-13777017677, 13486676666

Fax: +86-574-86532290

Email: 472164641@QQ.com

Website: <http://19671v.chinafastenerinfo.net>, www.chli.com.cn

Ningbo Echo Fastener Factory

Special parts, such as machining parts, stamping parts, casting parts, forging parts and other non-standard products.



Tel: +86-574-86297378

Fax: +86-574-86297378

Email: sales@echofasteners.com

Website: <http://99491v.chinafastenerinfo.net>

Ningbo Lingqi Hardware Industrial Co., Ltd.

Wheel nuts & bolts, eye bolts, flange nuts & bolts and various cutting & non-standard parts as per customers' drawings.



Tel: +86-15867328896, 13858221397

Fax: +86-574-88660602

Email: 70128336@qq.com

Website: <http://53316v.chinafastenerinfo.net>, <http://ryxjpj.damuzzz.com>

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

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



Tel: +86-574-88483298, 88352188

Fax: +86-574-88483288, 86232077

Email: nbyg@cnyonggang.com

Website: <http://1405v.chinafastenerinfo.net>, www.cnyonggang.com

Ningbo Taida Fastener Manufacture Co., Ltd.

Threaded rods, hex bolts, hex nuts, double-end stud bolts, stud bolts, heavy hex bolts, high strength hex bolts, high strength bolts, blind rivet nuts.



Tel: +86-574-89088921

Fax: +86-574-87261267

Email: luximex@tdfasteners.com

Website: <http://79986v.chinafastenerinfo.net>, www.nbtaida.com

P15

Ningbo Henghui Thread Tools Co., Ltd.

Design and manufacture customized high-precision, high-tensile, thread rolling dies.



Tel: +86-13282288850

Fax: +86-574-88657903

Email: sales@nbtools.net

Website: <http://75238v.chinafastenerinfo.net>, www.cnwanying.com

Ningbo Tongna Machinery Technology Co., Ltd.

Wheel bolts, flange bolts, tire nuts, flange nuts, square nuts, hex nuts, welding nuts, nylon self-locking nuts, stamping parts and so on.



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

Fax: +86-574-65175666

Email: 252357719@qq.com

Website: <http://1372v.chinafastenerinfo.net>, www.fhtongyong.com/en/about.asp

Ningbo Liheng Fastener Co., Ltd.

High strength bolts, nuts, high strength bolts with large hexagon head for steel structures, high strength double end studs, etc.



Tel: +86-310-6657366, 6668311, +86-13313207366, 13313209266

Fax: +86-310-6668311

Email: 13313207366@163.com

Website: <http://99854v.chinafastenerinfo.net>

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.chinafastenerinfo.net>, 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.chinafastenerinfo.net>, www.zjzhenhua.com

Qifeng Precision Industry Sci-Tech Corp.

The product standards include GB, JIS, ANSI, ISO, and special fasteners, high speed railway spikes, aerospace and military precision parts.



Tel: +86-573-86851456
Fax: +86-573-86851478
Email: sales@qfwj.com
Website: <http://5979v.chinafastenerinfo.net>, www.qfwj.com

Ningbo Zhonghai Fastener Manufacturing Co., Ltd.

Threaded rods, external hex bolts, hex nuts.



Tel: +86-574-86531908, 86535895
Fax: +86-574-86531779
Email: zhjgj1234@163.com, 85483940@qq.com
Website: <http://37410v.chinafastenerinfo.net>

Qingdao Jinrui Dongchang Industry and Trade Co., Ltd.

Fasteners: Washers, clamps, metal stampings, screws, bolts and nuts, parts for building.

Tel: +86-13553088195
Email: admin@qdfastener6.com
Website: <http://109874v.chinafastenerinfo.net>

NYLOK®-China

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



Tel: +86-512-50116888, 57700888, +86-13913255352
Fax: +86-512-57700988, 50119888
Email: tslg.ks@com.cn
Website: <http://15686v.chinafastenerinfo.net>, <http://tslg.com.cn>

Renqiu Zhenfang Cemented Carbide Mold Co., Ltd.

Cemented carbide molds.



Tel: +86-15031701966, +86-17732488848
Fax: +86-317-2671463
Email: 295398399@qq.com
Website: <http://92580v.chinafastenerinfo.net>

Oulai-Abletek Hardware Co., Ltd.

Self-drilling screws, tapping screws, drywall screws, chipboard screws, furniture screws and construction screws, etc.



Tel: +86-571-88618806, +86-13456211822
Fax: +86-571-88618836
Email: ly@hzouli.cn
Website: <http://52481v.chinafastenerinfo.net>

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.chinafastenerinfo.net>, www.xtjgj.com

P12

Ruian Huilida Metal Products Co., Ltd.

Washers, springs, snap rings and cotter pins.

Tel: +86-577-65261991, 65261997,
+86-13967792101

Fax: +86-577-65261996

Email: valia@chinahuilida.com, info@chinahuilida.com

Website: <http://16959v.chinafastenerinfo.net>, www.chinahuilida.com



Ruian Shunda Standard Parts Factory

Wave spring washers, disc springs, circlips, various stampings, standard and special parts.

Tel: +86-15257731999

Fax: +86-577-66001886

Email: rashunda@163.com

Website: <http://110025v.chinafastenerinfo.net>



Ruian Jinfeng Standard Parts Manufacturing Co., Ltd.

Standard fasteners, stamping parts, motor parts, automotive fasteners, copper and copper alloy fasteners.

Tel: +86-577-66071227

Fax: +86-577-65278217

Email: asha188@163.com

Website: <http://24574v.chinafastenerinfo.net>, www.au8848.com



Ruian Yongjiu Standard Fastener Factory

Spring washers, wave spring washers, curved single coil spring lock washers, single coil spring lock washers heavy type, spring lock washers for washer assemblies, copper spring washers, stainless steel spring washers, flat washers, stamping, etc.

Tel: +86-577-65291777, +86-13758777818

Fax: +86-577-65268838

Email: info@yongjiuchina.com

Website: <http://43449v.chinafastenerinfo.net>, www.yongjiuchina.com



Rui'an Mingbo Stainless Steel Standard Parts Co., Ltd.

Stainless steel hex and hex socket bolts, flange/hex Phillips screws, spring washers, cotter pins, threaded rods, high strength hex socket bolts with Grade 12.9, custom-made non-standard parts.

Tel: +86-577-65201535, 65216535, +86-13705781997

Fax: +86-577-65205178, 65921077

Email: 702125547@qq.com

Website: <http://52075v.chinafastenerinfo.net>



Ruian Zhirui Auto Parts Co., Ltd.

1. Washers: lock washers internal teeth, lock washers external teeth, knurling washers, disc springs, grounding gaskets, curved washers, wave washers, tab washers, etc.
2. Circlips: circlips for hole, circlips for shaft, E rings, etc.

Tel: +86-577-65326221, +86-13506579669

Fax: +86-577-65329297

Email: 38209839@qq.com

Website: <http://84002v.chinafastenerinfo.net>



Ruian People's Standard Parts Co., Ltd.

Circlips, washers, fasteners.

Tel: +86-577-65365502

Fax: +86-577-65381138

Email: 312848037@qq.com

Website: <http://97327v.chinafastenerinfo.net>



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.chinafastenerinfo.net>, www.cn-washer.com



SamChang Machinery Industrial

high speed screw thread rolling, high speed screw heading machines, high speed screw end cutting machines.



Tel: +86-595-86882839
Fax: +86-595-86899839
Email: paul@sam-chang.com
Website: <http://50437v.chinafastenerinfo.net>, www.sam-chang.com

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.chinafastenerinfo.net>, www.fastfix-rivet.com, www.rivet-china.com

Shanghai Aflon Metal Coating Co., Ltd.

Dacromet surface processing, Dacromet chromium Dacromet processing, surface treatment, metal processing.



Tel: +86-21-39198868
Fax: +86-21-39901858
Email: texIndex@qq.com
Website: <http://49444v.chinafastenerinfo.net>, www.aflon.com.cn

Shanghai Jianfeng Hardware Products Co., Ltd.

Stainless steel standard and non-standard fasteners. Standards: metric fastener standards, IFI, BS. Materials: 201, 304, 302, 321, 316, 316L (materials of Shanghai Baosteel). We can also process non-standard fasteners to meet the demand of customers.



Tel: +86-21-61174091
Fax: +86-21-61174791
Email: luosi@foxmail.com
Website: <http://33986v.chinafastenerinfo.net>, www.jfluosi.com

Shanghai Biaowu (PMC) 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.chinafastenerinfo.net>, www.sfiec.cn

Shanghai Jiegu Metalwork Co., Ltd.

Various high quality GB, ANSI, JIS, DIN standard and non-standard fasteners.



Tel: +86-21-69156090, 39907320, +86-13681936276
Fax: +86-21-69156757
Email: willen8457@163.com
Website: <http://119v.chinafastenerinfo.net>, www.sh-jiegu.com

Shanghai ChunLi Fastener 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: +86-310-5133686, 6894851, +86-13473017208, 18132207265
Fax: +86-310-6894851
Email: 825125170@qq.com
Website: <http://44826v.chinafastenerinfo.net>

Shanghai Jingtuo Mould Manufacture Co., Ltd.

Cold-forging tungsten steel moulds, comprehensive moulds for cold-forging machines, tungsten steel plating rods, outside knives.



Tel: +86-13002127000
Fax: +86-21-69177346
Email: shjtmould2008@163.com
Website: <http://15345v.chinafastenerinfo.net>

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: sales@kp-industry.com
Website: <http://91270v.chinafastenerinfo.net>, www.kp-industry.com

Shanghai Yi Er Lian Fastener Technology Co., Ltd.

Locking screws, anti-loose screws.

Tel: +86-13585977342
Fax: +86-21-58221227
Email: 2567762213@qq.com
Website: <http://80049v.chinafastenerinfo.net>



Shanghai Moying Precision Technology Co., Ltd.

Optical sorting machines for screws and nuts. Packaging machines, automatic feeding machines, conveyers, etc.



Tel: +86-21-67621225
Fax: +86-21-67621225
Email: myingkeji@163.com
Website: <http://97002v.chinafastenerinfo.net>, <http://myingkeji.wanye.cc>

Shanghai Yueguan Hardware Co., Ltd.

Spring washers, saddle-shaped spring washers, square taper washers, retaining rings for shafts, retaining rings for bores, etc.



Tel: +86-21-33733488, +86-13671896397
Fax: +86-21-33732422
Email: yueguan.bill@foxmail.com
Website: <http://74050v.chinafastenerinfo.net>, www.yueguanwj.com

P8

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.chinafastenerinfo.net>, www.shwasher.com

Shenzhen Langgu Precision Hardware Co., Ltd.

Cold forged self-clinching nuts, spot welding studs, automatic lathe parts, CNC precision hardware, etc.



Tel: +86-755-27268196, +86-13692138358
Fax: +86-755-27268896
Email: sz_langu@163.com
Website: <http://87880v.chinafastenerinfo.net>, www.szlangu.com

P19

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: +86-21-62442081
Fax: +86-21-62447564
Email: sales@welfast.com
Website: <http://885v.chinafastenerinfo.net>, www.welfast.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.chinafastenerinfo.net>, www.szshendingsheng.com

Sichuan Aoxin Fastener Manufacturing Co., Ltd.

High-strength fasteners, bolts, nuts and screws according to GB, DIN, JIS, BS, ANSI standards. Custom non-standard fasteners are also available.



Tel: +86-28-38862609
Fax: +86-28-38862609
Email: aoxin@scaoxin.com
Website: <http://4983v.chinafastenerinfo.net>, www.scaoxin.com

Suzhou Shangyu Fastener Manufacturing Co., Ltd.

Stainless steel standard screws, chipboard screws, hexagonal screws, hexagonal cross washer face screws, T-bolts, carriage bolts and other special screws.



Tel: +86-15506202304, +61-420 403 488
Fax: +86-512-65838016
Email: 1033960527@qq.com, 2936123478@qq.com
Website: <http://68519v.chinafastenerinfo.net>

Sijin Intelligent Forming Machinery Co., Ltd.

Bolt formers, nut formers, part formers, 1-die 2-blow machines.



Tel: +86-574-88365336
Fax: +86-574-88352516
Email: sijinchina@machinesijin.com
Website: <http://43714v.chinafastenerinfo.net>, www.machinesijin.com

Suzhou TingJing Precision Hardware Co., Ltd.

Standard and non-standard nut, roller, fastener and multi-stage tungsten steel molds.



Tel: +86-512-65047603, 65045805, +86-18915557523
Fax: +86-512-65043023
Email: qin_liu5@163.com
Website: <http://20722v.chinafastenerinfo.net>, <http://szdjjm.iwopop.com>

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: +86-21-58956583
Email: sales@sunta.biz
Website: <http://11978v.chinafastenerinfo.net>, www.sunta.biz

JiangSu Washen Fastener Manufacture Co., Ltd.

P18

Structural rivets, cup-fix rivets, monobolts, interlocking and hemlock, sealed type, open type.



Tel: +86-523-80237002
Fax: +86-523-80237111
Email: factory@world-rivet.com
Website: <http://67154v.chinafastenerinfo.net>, www.washen-rivet.com

Suzhou Ruihe Hardware Co., Ltd.

Stainless steel studs, nuts, hex bolts, hex socket bolts, eyebolts, various non-standard fasteners.



Tel: +86-512-67286697
Fax: +86-512-67286770
Email: szruihe@ruihe.cn
Website: <http://12098v.chinafastenerinfo.net>

Taicang Jincheng Hui Machinery Co., Ltd.

Imported tungsten steel screw punches, punch rivet tungsten steel welding rods. Hexagonal and a variety of shapes.



Tel: +86-512-53231618
Fax: +86-512-53231617
Email: taicangjch@126.com
Website: <http://67880v.chinafastenerinfo.net>

P19

Taicang Shuoxing Metal Products Co., Ltd.

Carbon steel spheroidizing annealing wire, alloy steel spheroidizing annealing wire, rivet wire, bright wire.

Tel: +86-512-53296187

Fax: +86-512-53296365

Email: suoxingwire@163.com

Website: <http://97065v.chinafastenerinfo.net>, www.sxsteelwire.com



Wenley Trading Co., Ltd.

Electroplating chemicals, dry solid film lubricants for fasteners & bond coating industries.

Tel: +886-423227553, +86-512-53597212

Fax: +86-512-53597211

Email: support@gleitmo-fuchs.com

Website: <http://4937v.chinafastenerinfo.net>, www.gleitmo-fuchs.com



Taiwan Huihung Industry Co., Ltd.

Screw heading machines, multi-task screw molding machines (two-die three-stroke, three-die three-stroke, four-die four-stroke), riveting machines, rivet machines and circular cutting type hollow riveting machines.

Tel: +86-512-65990795, 65990796, 65990797, +86-13255195012

Fax: +86-512-65990798

Email: szhh65990795@163.com

Website: <http://43741v.chinafastenerinfo.net>, www.hhlsjx.com



Wenzhou Bangxin Fastener Co., Ltd.

Bolts, nuts, screws, pins, rivets and non-standard cold forged parts.

Tel: +86-577-86500898

Fax: +86-577-86500828

Email: bxwt@bxgj.com

Website: <http://37547v.chinafastenerinfo.net>, www.bxgj.com



Tianjin Fine Hardware Co., Ltd.

ASTM A193 B7 B7M B8 B8M B16, ASTM A320 L7 L7M double-end bolts, ASTM nuts, Grade 5/8 hex screws, 0#-12# machine screws, alloy steel screws, stainless steel screws, electronic screws, alloy screws, etc.

Tel: +86-13821422700

Fax: +86-22-87913760

Email: tjfine@163.com

Website: <http://6522v.chinafastenerinfo.net>, www.tjfine.com



Wenzhou Boyu Machine Co., Ltd.

Multi-station bearing type cold heading forming machines, multi-station extended copper sleeve type cold heading forming machines and large-scale cold extrusion forming machines.

Tel: +86-15888276565, +86-577-86700881

Fax: +86-577-86700883

Email: zhanyu@wz-zhanyu.com

Website: <http://37485v.chinafastenerinfo.net>, www.wz-zhanyu.com



Tong Ming Enterprise Co., Ltd.

Stainless steel wire rods, stainless steel fasteners.

Tel: +86-800-8573-558

Fax: +86-573-82207588

Email: sales@tongming.com.cn

Website: <http://60537v.chinafastenerinfo.net>, www.tongming.com.cn



Wenzhou City Ouhai Xianyan Gexin Standard Accessory Factory

Cross recess head screws, square head bolts, stud bolts, wave washers, E-rings, axle clamps, circlips for shaft, circlips for hole, rivets, all kinds of standard and non-standard fasteners.

Tel: +86-577-85300777, +86-13806852107

Fax: +86-577-85315277

Email: xianyangexin@163.com

Website: <http://48985v.chinafastenerinfo.net>



Wenzhou Guangquan Standard Component Manufacturing Co., Ltd.

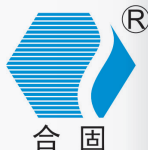
Carbon steel combined screws, SUS 304 stainless steel combined screws, high strength combined screws and GB 6560 triangular screw series.



Tel: +86-577-86522777
Fax: +86-577-86505188
Email: 2881376839@qq.com
Website: <http://42148v.chinafastenerinfo.net>

Wenzhou Jinsheng Fastener Co., Ltd.

Nylon insert lock nuts, BS lock nuts, hexagon nuts with flange, wing nuts, flange nuts, slotted nuts, acorn nuts, cap nuts, weld nuts and non-standard nuts.



Tel: +86-577-86352209
Fax: +86-577-86356103
Email: jsjgj@wzjinsheng.com, ally@wzjinsheng.com
Website: <http://14028v.chinafastenerinfo.net>, www.wzjinsheng.com

Wenzhou Kexingtong Fastener Co., Ltd.

Square nuts, hex flange bolts, wing nuts, non-standard screws, tapping screws, etc.



Tel: +86-577-86500901
Fax: +86-577-86565090
Email: 348380714@qq.com
Website: <http://86263v.chinafastenerinfo.net>

Wenzhou Lituo Hardware Co., Ltd.

Non-standard parts, automotive and motorcycle parts, hollow screws, step screws, step nuts, conical screws, etc.



Tel: +86-18324225870
Fax: +86-577-86613188
Email: 2050820263@qq.com
Website: <http://69142v.chinafastenerinfo.net>

Wuxi Anshida Hardware Co., Ltd.

P1

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.chinafastenerinfo.net>, www.anshida.com

Yixing City Jufeng Machinery Co., Ltd.

Screw molding machines, cold forged molding machines.



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

Yongnian County Tianbang Fasteners Co., Ltd.

P17

Bolts, nuts, flat washers, spring washers, thread rods, anchor bolts, self drilling screws, hex bolts.



Tel: +86-18631091188
Fax: +86-310-7050686
Email: 362753545@qq.com
Website: <http://45489v.chinafastenerinfo.net>, www.hbtbls.com

Yuyao No.2 Standard Fastener Factory

P22

Eyebolts.



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

Yuyao Xintai Hardware Co., Ltd.

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

Tel: +86-574-62813977, +86-17705846106, 18967826379

Fax: +86-574-62020898, 62020910

Email: sales@xtanchor.com, office@xtanchor.com

Website: <http://14295v.chinafastenerinfo.net>, www.xtanchor.com



Zhejiang Chaoboer Hardware Co., Ltd.

Standard hex bolts, 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, 86408168, 86570788, 86570782, +86-13906830068

Fax: +86-573-86408123, 86408668

Email: chaoboerfastener@126.com

Website: <http://41542v.chinafastenerinfo.net>, <http://en.cbefastener.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: +86-574-86643814

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

Website: <http://46073v.chinafastenerinfo.net>, www.cnxiongjie.com

Zhejiang Chuangxin Standard Fasteners Factory

Bolts from M3 to M20, nuts from M4 to M24, pins, snap rings, etc.



Tel: +86-577-85220196, 85232611,

+86-13806803328

Fax: +86-577-85229598

Email: zjchuangxin@sina.com

Website: <http://37498v.chinafastenerinfo.net>

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, tire wire anchors, nylon hammer drive anchors, nylon anchors, other anchors, sheet metal & stamping products.



Tel: +86-574-62938700, +86-13967852497

Fax: +86-574-62938308

Email: lisaliu@cosmosye.com

Website: <http://2484v.chinafastenerinfo.net>, www.cosmosye.com

Zhejiang Coso Fastener Co., Ltd.

(1) Precision cold forging bolts (2) Precision Cold Forging Nuts (3) Shaft Sleeves (4) Precision Stamping Parts (5) Positive/Negative Battery Terminals, Electrical Contacts.



Tel: +86-13396871250

Email: rowisonzhu2010@aliyun.com

Website: <http://113379v.chinafastenerinfo.net>

Zhejiang Bullet Fastener Co., Ltd.

Nylon insert lock nuts, cap nuts, flange nuts, flange lock nuts, hex nuts, fittings according to DIN, ANSI, GB, JIS, BS and other non-standard fasteners.



Tel: +86-577-85859778

Fax: +86-577-85859779

Email: zjbullet@hotmail.com, zjbullet-billy@hotmail.com,

zjbullet-jason@hotmail.com

Website: <http://2009v.chinafastenerinfo.net>, www.bulletnut.com

Zhejiang Howls Auto Parts Co., Ltd.

Wheel nuts, long nuts, flange nuts, hex nuts, cap nuts, nylon insert lock nuts, welded nuts, etc.



Tel: +86-577-86001630, +86-13567784145

Fax: +86-577-86001620

Email: alex@wzhowl.com

Website: <http://113337v.chinafastenerinfo.net>,

www.wzhowl.com

Zhejiang Jiancai Machinery Enterprise Co., Ltd.

Thread rolling machines, heading machines.

Tel: +86-21-69592966
Fax: +86-573-84775579
Email: 1119559015@qq.com
Website: <http://4272v.chinafastenerinfo.net>, www.jcm-ck.com



Zhejiang Sanlin Metal Products Co., Ltd.

Brass, carbon steel, stainless steel nuts, bolts, washers and other special-shaped pieces.

Tel: +86-13868884825
Fax: +86-573-84806855
Email: sanlin@sanlin.cn
Website: <http://80522v.chinafastenerinfo.net>, www.sanlinmetals.com



Zhejiang Kahuan Technology Co., Ltd.

Circlips, washers, springs, snap rings, etc.

Tel: +86-577-85229666
Fax: +86-577-85231999
Email: jlw1002@163.com
Website: <http://26821v.chinafastenerinfo.net>, www.85229666.com



Zhejiang Yeswin Machinery Co., Ltd.

5S/6S/6SL nut formers, 3S/4S/3SL/4SL bolt formers, nut tapping machines, standard & nonstandard nuts, socket wrenches, anchor bodies, and other special parts for automobiles or construction.

Tel: +86-573-84183777
Fax: +86-573-84184348
Email: sales@zjyeswin.com
Website: <http://1242v.chinafastenerinfo.net>, www.zjyeswin.com



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/ADSI, 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.chinafastenerinfo.net>, 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: hshb@hesheng-fastener.com
Website: <http://32530v.chinafastenerinfo.net>, www.hesheng-fastener.com



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Zhejiang Minmetals Huitong 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: +86-571-85775785, 85775791
Fax: +86-571-85775610
Email: aschen@zjmt.com, qzhou@zjmt.com
Website: <http://256v.chinafastenerinfo.net>, www.zjmt.com



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visit www.chinaFastenerinfo.net

Industrial Fasteners Market to Grow at CAGR of 4 % Through 2031

Industrial fasteners are likely to witness significant demand growth owing to high usage in electrical, automotive, and other industrial sectors. Invention of new features such as coatings to fasteners in order to protect them from abrasion and rust are further favoring industry players. According to Fact.MR, focus of suppliers will be on lucrative markets such as the United States, China, Germany, and the United Kingdom, to name a few.



While industry outlook is forecast to remain positive, adoption of advanced processes such as hot-dip galvanizing, zinc, and chrome coatings are set to further widen the growth scope for manufacturers.

According to Fact.MR's report, the global industrial fasteners market is expected to ascend at over 4% CAGR through 2031.

Key Takeaways from Market Study

- High demand for plastic fasteners likely to be witnessed
- Threaded industrial fasteners to gain traction
- Demand from automotive and building & construction sectors to drive sales
- North America to sustain its leading position, with its epicenter being the United States
- Germany to remain in the spotlight in Europe's industrial fasteners industry
- Asia Pacific to exhibit fastest growth in the global industrial fasteners market
- China, Japan, India, France, Italy, and the United Kingdom to remain lucrative markets

"With manufacturers bringing in a wider variety of externally and internally threaded industrial fasteners, they are utilizing the huge opportunities across diverse end-use sectors, from automotive to aerospace," says a Fact.MR analyst.

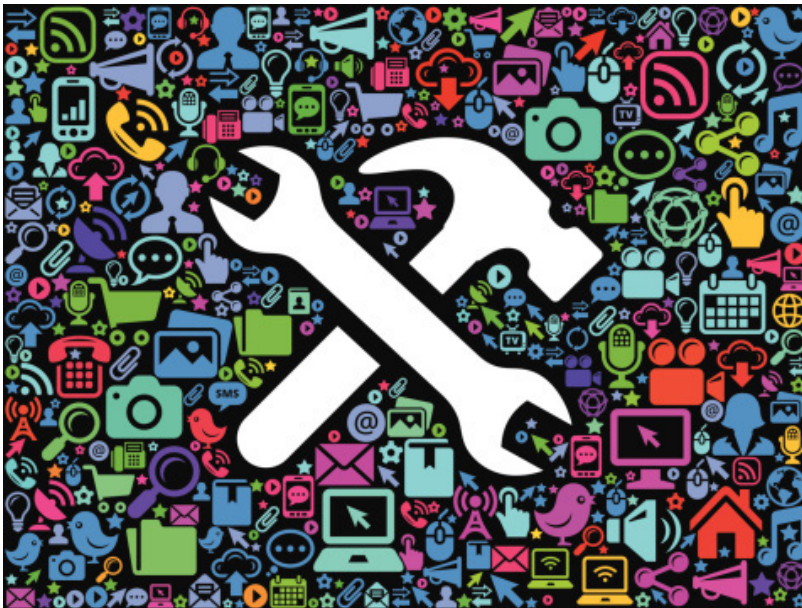
Industrial fasteners play a crucial role in promoting safety by joining two or more objects as far as building and construction is concerned. While the industry suffered a setback due to the outbreak of the deadly coronavirus earlier in 2020, the recovery phase is drawing more potential players since the ending of the year.

According to a report, the Canada construction sector was valued at US\$ 126.3 billion, accounting for over 7% of Canada's Gross Domestic Product (GDP) as in 2019. As stated in the report, the sector purchases goods and services from every region of the country while employing approximately 1.4 million people, as in 2018. This not only indicates the progressive future of the building & construction industry but also new opportunities awaiting industrial fastener manufacturers.

According to China - Country Commercial Guide, China's construction & architectural industry grew 7% from 2015 to 2020, while earnings from this sector reached approximately US\$ 220.8 billion in 2020. Such figures are pointing towards new growth paths for industrial fastener providers across the world. ♦

Global Hardware Market Trends, Strategies, and Opportunities in the Hardware Market 2021-2030

According to the new market research report 'Hardware Global Market Report: COVID-19 Impact And Recovery' published by The Business Research Company, the hardware market is expected to grow from \$90.37 billion in 2020 to \$107.03 billion in 2021 at a compound annual growth rate (CAGR) of 18.4%.



The growth is mainly due to the companies rearranging their operations and recovering from the COVID-19 impact, which had earlier led to restrictive containment measures involving social distancing, remote working, and the closure of commercial activities that resulted in operational challenges.

The market is expected to reach \$142.76 billion in 2025 at a CAGR of 7%. Metal consumption by the aerospace sector is expected to increase during the forecast period, thus driving the hardware manufacturing market.

The hardware market consists of the sales of metal hardware by entities (organizations, sole traders or partnerships) that produce metal hardware, such as metal hinges, metal handles, keys, and locks (except coin-operated, time locks).

Trends In The Global Hardware Market

Many hardware manufacturing companies are using robotics and automation to improve plant efficiency and productivity. Sensors are being used in various machines to access invaluable data for improving efficiencies and reduce potential breakdowns. For instance, according to a report by Boston Consulting Group (BCG), 1.2 million industrial robots are expected to be deployed by 2025, thus indicating rise in automation and robotics technology adoption to improve productivity and reduce production costs.

According to KPMG report, 16% executives of global metals companies have already invested in robotics for metal manufacturing, 31% executives have set plans to possibly invest in robotics for new technology and opportunities, and 42% are willing to invest on robotics in the near future. Additionally, the report states, 63% of the executives of metal manufacturing companies are considering investing in automation. Examples of companies offering industrial robots to metals companies include FANUC, KUKA, ABB, and Motoman. ♦

Industrial Fasteners: Top Market Trends Securing a Firm Grip

By Shambhu Nath Jha, Client Research Partner at Fact.MRS

As historical approaches no longer fit the brief, industrial fasteners are constantly being updated to align with the ongoing advancements in their field of application. Tailor-made screws, alternative material variants, and technology-infused testing processes have been observed in the pursuit of innovation in the industrial fasteners industry.

Below are some key trends adopted by industrial fastener manufacturers to level with dynamic end-user requirements.

Unconventional Materials to Suit Multifarious Applications

Heavy machinery, automotive equipment, and minute fasteners used in electronic products are subjected to constant temperature changes. To curb these problems, the incorporation of novel materials like carbon fiber and alloys is coming to light. These materials facilitating the development of lightweight, corrosion-resistant, and superconducting industrial fasteners, while being actively tested for efficacy in different applications and scenarios.

Alternative Thread Designs for Superior Grip

In most thread designs, the root of the first thread takes 65% of the tensile load. Innovative thread designs tailored to the form of application could be developed for better functionality. To counter this mechanism, manufacturers are aiming at research and development to devise an effective methodology to spread the load throughout all threads in the fastener.

In terms of heavy machinery, a thread design that evenly distributes the tensile load across all threads can potentially reduce point loading and make the fasteners less susceptible to stress-induced damage. For OEMs, participating as active design partners is emerging as a new trend.



Leveraging Nano-laminated Metallic Coatings for Corrosion-Resistant Fasteners

Nano-laminated metallic-coated fasteners are relatively new in the industry. These fasteners are dowsed in electro-deposited nickel, zinc, and other similar alloy coatings that are designed to comprise specific chemical properties that prevent surface-type corrosion. Nano-laminated coatings involve a class of materials comprised of nanometer-scale layers that differ in composition, material microstructure, and phase. Nanolaminate metallic coatings in industrial fasteners provide a micro, corrosion-resistant layer protecting the substrate material from oxidizing.

Miniature Fasteners: Playing a Big Role in Small Assemblies

Today, industrial fasteners are more design-driven to achieve proper utilization of space, the less, the better. A product of optimal design, miniature fasteners have become one of the most influential trends in industrial fastener technology.

As pocket-fitting gadgets are gaining popularity among customers, miniature screws and other fasteners are becoming manufacturers' go-to options. Even in the automotive industry, lightweight and convenient cars are given more importance. A lighter vehicle uses less fuel, enhances mobility, and simplifies navigation.

Prefabricated Fasteners for Easy Installation and Removal

Another emerging trend in the industrial fastener industry is the emergence of prefabricated structures that can be assembled and disassemble as per the requirement. Aligning with this trend, thread-based, and snap-fit fastener designs are increasingly gaining popularity. The convenience and reusability of these fasteners is a key factor which is swiftly replacing permanent fasteners in industrial applications. Besides this, installations of fasteners during the stamping process are gaining momentum. The installation process works in line with the stamping process, eliminating additional efforts required for insertion and assembly.

As the process performs two operations, it allows manufacturers to improve productivity, product quality and savings, and a competitive edge over their counterparts. ♦

China's Auto Sales Up 19.3 Pct in First Seven Months



China's auto sales rose 19.3 percent year on year to nearly 14.76 million units in the first seven months of 2021, data from the China Association of Automobile Manufacturers (CAAM) showed.

Sales of passenger vehicles increased 21.2 percent year on year to nearly 11.56 million units in the January-July period, according to the data.

In July alone, auto sales totaled over 1.86 million units, down 11.9 percent year on year, said CAAM deputy secretary-general Chen Shihua, noting a downward trend in both production and sales for the month.

Chen attributed the decline to an insufficient supply of chips, rising raw materials costs, uncertainties brought by extreme weather events and COVID-19 resurgence in the country.

Bucking the trend, production and sales of new energy vehicles (NEVs) showed remarkable growth in July by setting new monthly records.

NEV sales in China jumped to 271,000 units in July, up 160 percent year on year, while NEV output surged 170 percent to 284,000 units.

In the first seven months of the year, the country's NEV sales totaled nearly 1.48 million units, double the figure from the same period last year, as production and demand continued to recover, according to the CAAM.

Looking ahead, the steady momentum of China's economy will continue despite uncertainties from both home and abroad, said the association.

However, considering global chip shortage due to resurgence of overseas COVID-19 cases, and growing cost pressure for auto makers, CAAM said it is cautiously optimistic about the future of the auto industry. ♦

China's Auto Exports Hit Record Monthly High in July

China's auto exports in July hit a record high amid further market recovery, industry data has shown.

Chinese carmakers exported about 174,000 vehicles last month, up 180 percent year-on-year and 9.8 percent month-on-month, according to the China Association of Automobile Manufacturers.

New energy vehicles contributed 31.5 percent of the total exports in July, CAAM data showed.

From January to July, over 1 million vehicles were exported, up 120 percent year-on-year.

China's auto sales rose 19.3 percent year-on-year to nearly 14.76 million units in the first seven months of 2021, earlier CAAM data showed. ♦

China's Machinery Industry Sees Robust Growth in Jan-July

The official data showed that China's machinery industry saw a steady growth in production during the first seven months of the year.

The added value of the sector rose 19 percent year on year in the Jan-July period, 4.6 percentage points higher than the overall growth of China's industrial sector, according to the National Bureau of Statistics.

In breakdown, the added value of the subsectors of automobile manufacturing and electrical machinery and equipment manufacturing climbed 16.7 percent and 26.2 percent respectively from the same period last year.

Among the 121 key products of the machinery industry, 111 reported year-on-year output growth in the first seven months, data from the China Machinery Industry Federation showed.

The output of industrial robots surged nearly 65 percent year on year in the period, while that of large tractors soared 46.65 percent over one year earlier, according to the federation. ♦



China's Manufacturing PMI Slides to 50.1 in August

The official purchasing managers index for China's manufacturing sector declined for the fifth consecutive month to 50.1 in August, the lowest level in 18 months, indicating a softening expansion of the sector, the National Bureau of Statistics said.



Despite the slowdown, the PMI has stayed above the mark of 50, which separates expansion from contraction, as production maintained steady growth, the bureau said.

The reading was down from 50.4 in July, as market demand weakened while delivery time lengthened, the NBS said. The subindex of new orders dropped into contractionary territory for the first time in 18 months and came in at 49.6, versus 50.9 in July.

Raw material inventory and employment of the

manufacturing sector continued to contract in August, with their subgauges coming in at the same level with July.

The pressure of surging prices eased in August as the subindexes of raw material prices and factory-gate prices both declined, but remained in expansionary territory at 61.3 and 53.4, respectively.

China's nonmanufacturing PMI dropped to 47.5 in August, compared with 53.3 in July, pointing to a contraction in nonmanufacturing activities due to the resurgence of local COVID-19 cases in some parts of the country.

The composite PMI, which covers the manufacturing and nonmanufacturing sectors, went down to 48.9 from July's 52.4, indicating economic activities have notably slowed down from the previous month, according to the NBS. ♦

China's Construction Machinery Makers See Surge in Overseas Orders

China's construction machinery manufacturers have been extremely busy starting this year, with these companies frequently facing a full workload in everything from production to sales, and seeing their schedules filled with orders from home and abroad, China Central Television reported.

The overseas orders from Europe, America, Latin America and Africa surged in the first half of this year, with excavator orders jumping 160 percent over the same period last year, said CCTV, citing a head of the international logistics department at Sany Heavy Industry, a construction equipment manufacturer in Changsha of Hunan province.

In 2020, the Sany sold 98,705 excavators, accounting for 15 percent of the market share worldwide, and became the

world's excavator sales champion for the first time.

Based on an absolute advantage in sales, the company has become the world's largest excavator manufacturer in the first half of this year, with sales figures surpassing the second company by 25,000 units, said Xiang Wenbo, president of Sany Heavy Industry.

Data from the China Construction Machinery Association showed that China's 26 excavator manufacturers sold a total of 223,833 excavators during January to June of this year, an increase of 31.1 percent year-on-year. Among the total sales, 193,700 excavators were sold domestically and 30,133 overseas, up 24.3 percent and 107 percent year-on-year, respectively.



Moreover, the sales of tower cranes have also been booming. At a smart plant of Zoomlion Heavy Industry Science and Technology, all the production lines have been in full capacity during the first six months, with a tower crane rolling off the production line every 18 minutes, said the CCTV.

From 2019, Zoomlion has remained first in tower crane sales in the world. In the first half of this year, the company only took six months to complete the total sales volume in 2019, and its sales volume surpassed 10 billion yuan, said Tang Shaofang, vice-president of Zoomlion. ♦

China Launches AD Sunset Review on EU and UK Iron and Steel Fasteners



中华人民共和国商务部
MINISTRY OF COMMERCE OF THE PEOPLE'S REPUBLIC OF CHINA

On April 28, 2021, Ministry of Commerce of PR China received the application from the Fastener Subdivision of China General Machine Components Industry Association (CMCA) on behalf of

Chinese iron and steel fastener industry for a 5-year sunset review on the antidumping measure against certain iron and steel fasteners originating in the EU and UK.

CMCA alleged that if the antidumping measure is terminated, the dumping of certain iron and steel fasteners originating in the EU and UK may continue and may continuously lead to the material injury to local Chinese industries. As a result, CMCA made a request that Ministry of Commerce should launch a sunset review investigation and maintain the antidumping measure.

Ministry of Commerce has determined to launch the sunset review investigation against certain iron and steel fasteners originating in the EU and UK since June 29, 2021. During the investigation, the previously announced antidumping rates and products involved will remain effective (note: The current AD rates for certain iron and steel fasteners imported from

the EU and UK are between 6.1 % and 26.0%. However, Koninklijke Nedschroef Holding B.V. and its affiliated companies are subject to a rate of 5.5%). The investigation period for antidumping is from 2020/01/01 through 2020/12/31, while the investigation period for material injury to the local industry is from 2016/01/01 through 2020/12/31.

Products involved in this investigation are: certain iron and steel fasteners, which include wood screws, self-tapping screws, screws and bolts (whether or not with their nuts or washers, but excluding screws and bolts with their shanks less than 6mm for fixing railway track), and washers. Products involved do not include nuts and other fasteners used for the maintenance and repair of commercial aircraft. The tariff codes of products involved are 73181200, 73181400, 73181590, 73181510, 73182100, and 73182200.

All interested parties are invited to register their participation in the sunset review through the Trade Remedy and Investigation Bureau of Ministry of Commerce of PR China within 20 days from the date of publication of this Notice. The investigation starts from June 29, 2021 and should come to an end before June 28, 2022. ♦

Two Chinese Steelmakers to Merge, Become World's Third Largest



China's two major steelmakers, Ansteel and Ben Gang Group Corporation, inked a deal on Friday to kick off their merger and restructuring that will create the world's third-largest steelmaker.

According to the deal, the owner of Ben Gang – the State-owned Assets Supervision and Administration Commission of Liaoning Province – will transfer a 51-percent controlling stake in the steelmaker to Ansteel, and

Ben Gang will become a subsidiary of Ansteel.

After the merger, Ansteel will have an annual production capacity of 63 million tonnes of crude steel, ranking third worldwide after China Baowu Steel Group Corporation Limited and Luxembourg-headquartered ArcelorMittal.

The merger will consolidate the steel industry, step up high-quality development of the industry, and forge a world-class steel firm, according to a statement released by Ansteel.

"This is a milestone in the development of Ansteel," said Tan Chengxu, chairman of Ansteel.

Founded in 1916 and 1905 respectively, Ansteel and Ben Gang are both located in northeast China's Liaoning Province, and their major production bases are 60 kilometers apart.

"After the realignment, we will realize resource integration and coordinated development in research and development, procurement and sales, making a contribution to the revitalization of Liaoning and northeast China," said Tan.

"The total number of employees in Ansteel after the restructuring is about 200,000. We promise not to cut staff," he said.

By 2025, Ansteel targets an annual output of about 70 million tonnes of crude steel, 50 million tonnes of iron concentrate, and around 300 billion yuan (about \$46.3 billion) of operating income.

The restructuring will enter into the anti-monopoly review of related government departments. ♦

Taiwan's Fastener Export Value Jumps 30% to USD 2.9 Billion in Jan.-July 2021

Chinese Taiwan came in third in 2020 with USD 3.97 billion worth of fastener export to the world, following Chinese Mainland and Germany.

The latest statistics from Chinese Taiwan Ministry of Economic Affairs (MOFA) show that Chinese Taiwan's fastener export value in the first seven months this year rose 30.9% to USD 2.93 billion, with the U.S. being the top one destination for Taiwan's outgoing fasteners.

The first 7 months of 2021 saw USD 1.23 billion (42% of the total) worth of Taiwan's fastener export to the U.S., USD 240 million (8.3%) to Germany, 5.6% of the total to the Netherlands, 4.6% to Japan and 4.0% to the UK. The top 5 destinations for Taiwan's fasteners already make up 64.4% of the total value. In the first 7 months, Chinese Taiwan gained 3.8% in fastener export to Japan and double-digit growths in the U.S., Germany, Netherlands, and the UK.



Chinese Taiwan's market share in the U.S. fastener market has grown further since the U.S./China trade war. Overtaking Chinese Mainland at 16.2% and Japan at 11.3%, Taiwan comes in first, making up 37.5% of the U.S. fastener market share.

The EU is another critical market for Chinese Taiwan. When the EU revoked the AD tariffs on China's carbon steel fasteners in 2016, China was able to gain a substantial market share in the EU and overtook the leading position of Chinese Taiwan in 2020. In the first 4 months of 2021, China Mainland came in first with a 26.1% share in the EU market, followed by Chinese Taiwan (21.1%) and the U.S. (8.6%).

As of 2019, Chinese Taiwan boasted over 1,800 manufacturers of screws, bolts, nuts, and rivets, employing a combined workforce of 39,000. Suppliers are mostly based in Kaohsiung, which has a cluster of 700 factories. ♦

Taiwan CSC Q4 Steel Prices May Climb Due to Insufficient and Tightened Steel Supply



After Taiwan's China Steel Corp. (Taiwan CSC) adjusted the Q3 prices of its steel products by 4.1% on average, many industry analysts forecast that its Q4 prices may continue to follow the growing trend in the international market. Such a forecast is based on the reasons like: Russia announced a 3-month long and more than 15% provisional export taxes on metals including steel, aluminum, nickel, and copper; Chinese Government imposed certain measures to restrict exports of steel products; the reduction in steel manufacturing of Indian steel plants will continue through this September; many major steel plants in Chinese Mainland, S. Korea, and Asia have announced

plans for annual repairs or a temporary halt of production. All of these factors will surely lead to a more tightened steel supply in the global market already suffering insufficient steel supply.

Considering the continuously growing market demand and in order to reduce the possible impacts on the supply to downstream manufacturers, Taiwan CSC has announced to postpone its annual repairs schedule to April 2022 (though small-scale annual repairs will still be carried out).

In addition, as the current steel prices by Taiwan CSC remain comparatively lower than the general int'l market prices, some market analysts forecast that the steel prices of Taiwan CSC are very likely to appear another wave of price increase in the upcoming August. ♦

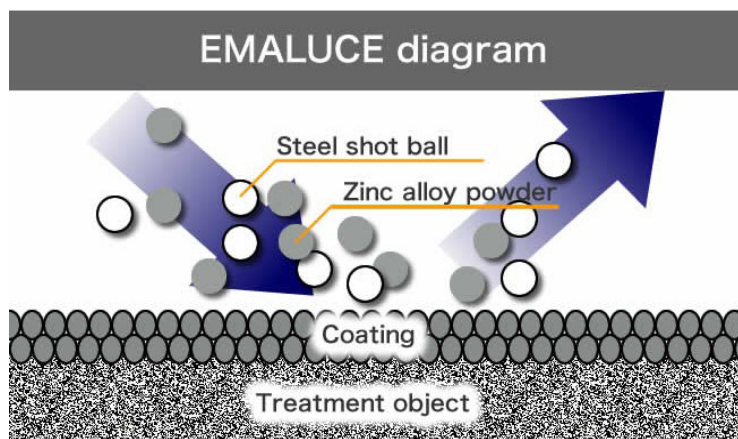
'Zero Chromate' Zinc Electroplating Technology by Kamiyama Tekkosho

Zero Chromate developed by Kamiyama Tekkosho in Japan can provide surface treatment for the company's self-drilling and self-tapping screws or can be used for OEM purposes. Since Geomet and other surface treatment solutions may affect the fit of screw recess and the tapping performance, the company has developed the next-generation Zero Chromate technology which is chrome and cobalt free and highly resistant against corrosion. The features include:

1. A 1μm Zero Chromate coating layer covers the top of an 8μm zinc coating layer to form a coating layer as thin as just 9μm. Its anti-corrosion performance has been confirmed in a salt-spray test to be 10 times better than that of a uni-chrome coating layer.
2. At almost the same cost as Trivalent chromium.
3. Value of application between uni-chrome coat and Geomet.
4. Thin, environment-friendly and corrosion-resistant. ♦



EMALUCE Dry Plating Technology by Emanak Gruop



Platings often involve the use of liquid agents; and therefore, they are mostly termed "wet platings". The EMALUCE plating by the Emanak Gruop differs greatly from other plating processes in that it uses dry plating without a liquid agent.

EMALUCE eliminates the risk of stress reduction caused by heat and hydrogen embrittlement and provides a high-level of anti-corrosion effect on products such as high-strength bolts that are difficult for plating.

Advantages:

1. Can be used to treat both ferrous and nonferrous materials.
2. No stress reduction thanks to dry plating at room temperature.
3. Less acid treatment and electrolytic reactions; no hydrogen embrittlement.
4. No sealing required.
5. Mechanical properties can be improved by shot peening.
6. Environmentally-friendly. ♦

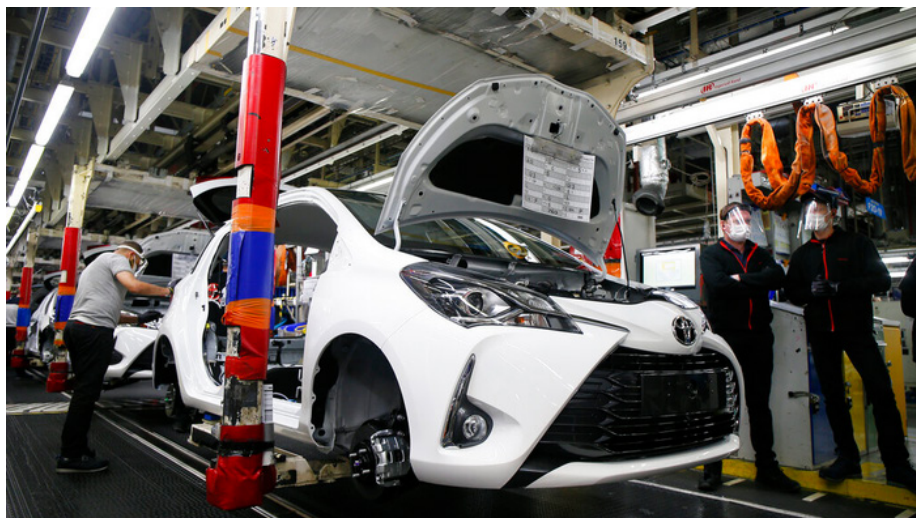
Japanese Roval and Hoden Seimitsu in Collaboration on a New Rust Prevention Line

Zinc depletion is often faster than expected when using zinc-rich paint in a high-salinity environment. On the other hand, the silicon-based ZECCOAT coating tends to gradually lose effect as the zinc-based anti-corrosion layer wears off. Therefore, Roval and Hoden Seimitsu have joined forces to develop a rust prevention line which will incorporate the following features.

1. Suitable for iron and galvanized surfaces. Able to keep automated parking garages, iron stairs, pipelines and bridges from corrosion.
2. Heavy metal free, eco-friendly and highly corrosion resistant.
3. Reducing zinc depletion in high-salinity environments, inhibiting corrosion and lowering maintenance cost. ♦



Toyota Cuts Production 40% Due to Parts Shortage



The pandemic-related disruption affects 14 assembly plants in Japan.

Toyota is scaling back production in North America and Japan as the surging coronavirus pandemic in Southeast Asia and elsewhere crimps supplies.

Japan's top automaker said Thursday that it will cut back production at home by 40%, affecting 14 auto assembly plants in the country.

In North America, Toyota said it expects August production to be slashed by 60,000 to 90,000 vehicles.

A representative from Toyota said that output fluctuates month to month, but that it would equate to a production cut of between 40% and 60%.

"Due to COVID-19 and unexpected events with our supply chain, Toyota is experiencing additional shortages that will affect production at most of our North American plants," the company said in a prepared statement. "While the situation remains fluid and complex, our manufacturing and supply chain teams have worked diligently to develop countermeasures to minimize the impact on production."

The company said production cuts in North America are not expected to have an impact on staffing levels.

In Japan, production will halt completely next month at some plants and partly at others, affecting a wide range of models, including the Corolla subcompact, Prius hybrid and Land Cruiser sport utility vehicle.

Global production for September will decline by 360,000 vehicles, according to Toyota Motor Corp. But it stuck to its annual forecast to produce 9.3 million vehicles, as coronavirus risks were figured in.

Of the lost production out of Japan, 140,000 vehicles are for Japan and 220,000 for overseas, with 80,000 in the U.S., 40,000 in Europe, 80,000 in China, 8,000 in the rest of Asia and about 10,000 in other regions.

Toyota had already announced smaller production cuts for July and August in Japan.

"We sincerely apologize for the inconvenience caused to our customers and suppliers due to these changes," Toyota said.

A shortage of the computer chips used widely in vehicles has been problematic for months as the world appeared to emerge from the pandemic and demand surged. Toyota had not been hit as hard as some other major automakers, and now the spread of the delta variant has introduced new complications.

David Leggett, auto analyst at GlobalData, said auto demand is now down in Vietnam, and sales have already been hurt in some markets for all manufacturers.

"The pandemic is clearly far from over and appears, as far as the auto industry's recovery path is concerned, to have a sting in the tail," he said.

Toyota has held up relatively well amid the pandemic, racking up a record profit for the April-June quarter at about \$8 billion, an increase of more than fivefold from the same period the previous year. ♦

The Pandemic Effect on the Indian Fastener Industry

by Abhijat Sanghvi, FAI President

The Covid-19 pandemic that has affected the world since early last year continues to rule the way every global citizen's lives are affected.

The Indian Fastener Industry is obviously affected, too. With lockdowns in many big states, sustaining business and growth has been extremely difficult. Though there are several end user industries doing very well with positive business share extended to the fastener industry, the impact of the second wave has resulted in a large number of worker and staff families contracting Covid-19 majorly affecting smooth manufacturing functioning. Expansion plans with exploring new technologies which are done often at trade shows or business travel, have been stalled by most.



And a big obstacle in growth has been the spiralling prices of domestic steel. This has been by far the greatest spurt in steel prices with increases at far too many intervals for anyone's liking. When supplying to OEMs who generally place annual open orders with their vendors, passing on price increases is extremely difficult as per protocol when the process of price increase through a system takes up to a couple of months and within that period another few steel jumps have occurred. This puts the vendor in an extremely precarious position of being able to supply at viable prices.

Another massive repercussion due to Covid-19 has been on cash flows. With a major part of the industry working on credits, the national lockdown last year for a couple of months and partial lockdowns this year have hit the businesses hard with a ripple effect on the payment realisations. Sustaining cash work flows especially at increased steel prices have hit the MSME's (Micro, Small & Medium Enterprises) hard with many out of business and others struggling to stay afloat. Those businesses which can survive till next year will thrive as India being the sixth largest economy in the world will stand to gain largely once there is stability on the pandemic front.

Covid-19 is here to stay and adds to another list of illnesses that we would have to endure with the only option of regular

vaccination to counter this pandemic. Last year, global businesses have had to re-invent themselves with online meetings, work from home policies, etc., and as optimistic as we wish to be, businesses will not operate in the same manner as pre-Covid-19 days.

The greatest positivity we can take from the pandemic is our ability to adapt. We would have to adapt to a new way of life and innovate to keep ahead of an event which has been unprecedented to the extent it has impacted our entire world. ♦



EU's AD Investigation Against Chinese Fasteners - Will It Deteriorate the Current Fastener Supply Chain in Europe?



AD Investigation Background

The European Commission ("EC") received a complaint on Nov/06/2020 lodged by European Industrial Fasteners Institute ("EIFI") on behalf of the Union's certain iron or steel fastener producers and relevant interested parties, pursuant to Article 5 of Regulation (EU) 2016/1036 of the European Parliament and of the Council of 8 June 2016 on protection against dumped imports from countries not members of the European Union, alleging that the imports of certain iron or steel fasteners

originating in China are continuously being dumped into the EU and thereby causing material injury to certain iron or steel fastener producers in the EU.

These products subject to the AD investigation (Case AD676) include certain iron or steel fasteners (except for stainless steel), which are wood screws (excluding coach screws), self-tapping screws, other screws and bolts with heads (whether or not with their nuts or washers, but excluding screws and bolts for fixing railway track construction material), and washers.

The fasteners involved in this case are currently classified under CN codes 73181290, 73181491, 73181499, 73181558, 73181568, 73181582, 73181588, ex 73181595 (TARIC codes 7318159519 and 7318159589), ex 73182100 (TARIC codes 7318210031, 7318210039, 7318210095 and 7318210098) and ex 73182200 (TARIC codes 7318220031, 7318220039, 7318220095 and 7318220098).

According to the time frame and key steps of the Commission, the fasteners involved in this case may be subject to a provisional measure if the EC makes an "affirmative" determination, which is currently scheduled to be announced on July 21, 2021.

Our editors have recently contacted EFDA representing the interests of many fastener distributors and importers in the EU, most of whom purchase more than a million tons of standard parts from Asia and the Far East each year, and received the Association's valuable feedback to the investigation, which was just released in public on June 4th.



EFDA on impending antidumping duties:

EU economy threatened by fastener shortage

"With anti-dumping duties on Chinese fasteners, the supply of screws and other fasteners to the European economy could no longer be ensured. High capacity utilization, raw material shortages and shipping problems have already thrown international supply chains into unprecedented chaos, making it impossible for European fastener distributors to supply European industry, trade and crafts with fasteners in time.

Under these exceptional circumstances, the European Union would create the 'perfect storm' if it were to impose additional duties on the import of iron and steel fasteners from the People's Republic of China". This says President Dr. Volker Lederer, President of the European Fastener Distributor Association (EFDA), ahead of the European Commission's decision on the imposition of provisional anti-dumping duties on the import of iron and steel fasteners originating in the People's Republic of China.

On 21 December 2020, the European Commission initiated anti-dumping investigation concerning imports of iron and steel fasteners from the People's Republic of China (AD676). At the end of the procedure, protective duties on fasteners could be imposed, as was already the case from 2009 to 2016.



EFDA President Dr. Volker Lederer

At that time, tariffs on Chinese goods of up to 85 percent brought trade with China to a complete standstill. Although the WTO declared the EU measures illegal in 2016, the damage to the domestic economy was there. European fastener manufacturers did not take any measures to significantly increase the production of so-called standard parts. They rely on high-quality special parts for the European automotive industry. Standard parts have to be bought from the Far East and other parts of the world.

Within the next few weeks, the EU Commission will decide whether to impose provisional duties in the summer, i.e.

already during the investigation procedure. To do so, it is seeking the vote of the EU member states. But the global market for fasteners is upside down. Delivery times for fasteners have doubled and even tripled since the beginning of the year, reaching up to twelve months. There are no alternatives to China in Asia or Europe. In other East Asian markets like Chinese Taiwan, Thailand or Vietnam, capacities are exhausted as US companies claimed resources here a few years ago in response to the Trump administration's protective tariffs on Chinese imports.

Pandemic travel restrictions make it impossible for European importers to conduct the visits and audits required for new suppliers. Raw material shortages, such as steel or wire rod, are exacerbating the supply problems. The continuing global logistics problems in maritime shipping with container shortages and the effects of the crisis at the Suez Canal mean that what little is available can only reach Europe with significant delays and extra costs.

Purchasing in Europe is also ruled out as an alternative. European manufacturers are not having any free capacities and would never be able, nor willing, to produce the quantities of standard fasteners necessary to satisfy the demand of European industry.

European fastener distributors supply the European industry with an extensive range of standard and special parts and ensure that the products are available in the right place at the right time.

Major customers include manufacturers in the automotive, machine building, construction, wind energy, agriculture,

furniture, craft and DIY sectors. For these manufacturers the permanent availability of standard parts is indispensable so that their products can continue to be manufactured in Europe and successfully sold on world markets.

"Europe must now do everything possible to ensure the global competitiveness of its industry and not to unnecessarily complicate its supply with indispensable primary products like fasteners. To recover from the Corona crisis and in order to avoid breakdowns of productions lines in Europe, the European economy needs the capacity of the entire Asian procurement market – including China. With anti-dumping duties, the EU would spoke in the wheel of EU recovery", concludes Dr Lederer.

Case AD 676 Time Frame and Key Steps Update

Initiation Stage		Provisional Stage			Definitive Stage	
Date of initiation	Time period envisaged for verification visits	Pre-disclosure	Provisional Measures	Return comments on disclosure/ provisional measures	Return comments on final disclosure	Definitive Measures
Dec/21/2020	Mar/08/2021- Apr/30/2021	Jul/20/2021	Jul/21/2021	Sep/01/2021	Nov/08/2021	Feb/17/2022

EU Fastener Anti-dumping Investigation Update

On July 20, 2021, the European Commission has made a pre-disclosure announcement in regard to the Case AD676, which is an anti-dumping proceeding concerning imports of certain iron or steel fasteners originating in the People’s Republic of China.

Pursuant to Article 29a (2) of the basic Regulation, the Commission informs interested parties that it is intended not to impose provisional measures. The investigation will be continued.

The definitive measure of the investigation is expected to be announced on February 22, 2022. ♦



Würth Group Reports Double-digit Sales Growth in First Half of 2021



The Würth Group, the global market leader in the sale of fastening and assembly materials, reported sales of EUR 8.4 billion in the first half of 2021, up 20.9 percent over the same period last year. Adjusted for currencies, sales grew by 22.6 percent. In Germany, the Würth Group generated sales of EUR 3.4 billion (+16.4 percent), with the companies abroad achieving total sales of EUR 5.0 billion (+24.3 percent).

The month of April has been historic: The Würth Group achieved monthly sales of

EUR 1.42 billion, which translates into year-over-year growth of 50.5 percent (adjusted growth: 47.6 percent).

"That our growth in the first half of 2021 came out so strong despite the pandemic has exceeded all our expectations. It is especially great to see that almost all business units are growing," said Robert Friedmann, Chairman of the Central Managing Board of the Würth Group

Adolf Würth GmbH & Co. KG, the parent company and at the same time largest individual company in the Group, also did well: In the first half of 2021, it generated sales of EUR 1.25 billion including intra-Group sales (+17.9 percent).

Divisions Construction and Metal, business units Elektronik eiSos and Electrical Wholesale showing exceptional growth

Total sales in Divisions Metal and Construction improved by 22.0 percent over the previous year in the first half of 2021. The companies in business unit Electrical Wholesale reported strong growth of 32.3 percent. eiSos Group was equally successful, achieving growth of 34.1 percent.

Price increases for raw materials pose new challenges

Demand for semi-finished and finished goods has been ramping up rapidly since the end of 2020, resulting in production and supply bottlenecks and, consequently, in rising manufacturing and procurement costs. The problems within the supply chains further aggravate the situation: The COVID-19 outbreak at the South Chinese port Yantian is adding to the already substantial delivery delays.

"There are not enough raw materials on the market, which presents us with great challenges, especially when it comes to fasteners, wood connectors, mounting rails and fittings. Continuing to supply our customers quickly and reliably remains our top priority. Further price increases will be unavoidable," Robert Friedmann remarked.

Operating result

At EUR 520 million, the Würth Group's operating result in the first half of 2021 is well above that of the previous year (2020: EUR 280 million). The outbreak of the COVID-19 pandemic at the beginning of 2020 put a considerable drag on the operating result in the second quarter of 2020. Strong sales growth across almost all business units combined with lower costs due to the COVID-19 pandemic (e.g. travel, conference and trade show costs) are now positively impacting the 2021 result.

Employees

The number of employees increased by 2,626, from 79,139 at the end of last year to 81,765 after the first half of 2021. In Germany, the number of employees amounts to 24,971. Around the world, the Würth Group employs more than 33,000 sales representatives in the field.

Sustainability: Installation of photovoltaic system

Adolf Würth GmbH & Co. KG plans to build photovoltaic systems on a total surface area of up to 28,000 square meters in the final construction stage on the campus in Künzelsau and the nearby central logistics hub in Gewerbepark Hohenlohe industrial park in 2022. These systems will fully utilize the internal energy generation potential on the existing roofs. Adolf Würth GmbH & Co. KG is planning to cover around 20 percent of its power needs on campus with internally generated electricity, e.g. for the charging infrastructure of the growing number of electric fleet vehicles.

Moderate outlook for the second half of the year

The Würth Group is currently expecting growth in the double-digit range, to a total sales volume of around EUR 16 billion, in fiscal year 2021, up from EUR 14.4 billion in 2020. While the economy has recovered in recent months, COVID infection rates are dropping as vaccinations go up, the economic research institute Ifo is warning against setbacks caused by the Delta variant. "We must not take these strong growth rates for granted. The current situation is very volatile. We have to be prepared for everything," Robert Friedmann said. ♦

Bossard Back on Growth Course

In the first half of 2021, Bossard Group recorded a sales increase of 23.9% to CHF 494.8 million (previous year: CHF 399.4 million). The pace of growth accelerated slightly in the second quarter and was supported by a broad-based economic upturn.

For the first half of 2021, Bossard Group expects an EBIT of around CHF 67 million, corresponding to an EBIT margin of 13.5%. Bossard Group reports that this is the best half year result in the company's history.

In Europe, Bossard generated sales of CHF 146 million in the second quarter, an increase of 42.3% (in local currency: +39%). In the first half of the



year, sales increased by 24.6% (in local currency: +22.2%) to CHF 293.7 million. Bossard's consistently high ability to deliver was appreciated by customers and manifested itself in strong demand.

Business in America showed strong sales growth of 30.4% (in local currency: +37.5%) to CHF 55.8 million in the second quarter. In the first half of the year, sales increased by 14.5% (in local currency: +21.4%) to CHF 110.8 million. The weakening of the US dollar had a negative impact on sales development.

Growth in Asia remained at a high-level in the second quarter. Sales increased by 37.3% (in local currency: +35%) to CHF 48.2 million. In the first half of the year, sales increased by 35% (in local currency: +34.6%) to CHF 90.3 million. Bossard's focus on growth segments led to gains in market share and is reflected in a gratifying development of the project pipeline.

As a result of strong global demand, the supply market situation remains tense, which is currently reflected in further price increases and longer delivery times. The Covid-19 situation also remains a factor of uncertainty due to rising infection rates in various market regions. ♦

Böllhoff Acquires SNEP S.A



The Böllhoff Group has acquired the company SNEP S.A, a French manufacturer of special fasteners for the aerospace industry based in Montbrison, with effect from 1st June 2021. With this acquisition, Böllhoff aims to strengthen its own activities in the aerospace market segment.

With the 100% acquisition of SNEP, Böllhoff is further expanding its market position in technical fasteners for the aerospace industry. In the future, SNEP will be seamlessly

integrated into the international aerospace activities of the Böllhoff Group and is expected to play an important role in the further expansion of this business sector within the company.

"France is an important aerospace market for Böllhoff," says Michael W. Böllhoff, managing partner. "The acquisition of SNEP helps us to be closer to key customers and to fulfil their individual requirements even better in future."

SNEP's manufacturing know-how expands the Böllhoff Group's current manufacturing competencies for the aerospace sector, particularly in the areas of turning and machining. SNEP is also supposed to benefit from the affiliation with the Böllhoff Group - for example from its many years of experience in the field of innovation as well as in joining lightweight materials. The long-term goal of the takeover is to further strengthen SNEP's development competence and thus become a local development partner for the aerospace industry in France.

"Last year, the aerospace sector suffered greatly from the effects of the Covid-19 pandemic," emphasises Wilhelm A. Böllhoff, managing partner. "In the medium term, we expect business there to recover - and thanks to the acquisition of SNEP, we will then be in an even stronger position to meet our customers' requirements." ♦

Howmet Aerospace Uses Brand New Material for KEENSERTS® Solid Inserts

The material A286 is an austenitic iron-nickel-chromium alloy. It has a large temperature range from – 196°C up to 700°C and offers excellent strength and superiority to low-alloy steels or common stainless steels. Up to this temperature, A286 displays exceptional corrosion properties.

Typical applications A286 is suitable for:

- Parts for gas turbines in aviation and power plant construction
- Thermal process engineering
- Automotive industry
- Aerospace fasteners
- Non-magnetic cryogenic equipment ♦



Two New Acquisitions from SKF



SKF has completed the acquisition of Rubico Consulting AB, an industrial consultancy firm with 10 employees based in Luleå, Sweden.

Rubico Consulting AB specialises in visualisation and analysis of signal data. This expertise will be integrated into SKF's offer around the rotating shaft, as well as powering new technology areas such as bearings with fiber-optic sensors.

Victoria Van Camp, President, SKF Technology, says: "Rubico's expertise in signal processing enhances our existing technology base, spanning from traditional IoT hardware to the

latest in edge computing. The patented edge algorithm developed by Rubico simplifies and automates analysis of machine data and is an enabler for wireless, energy efficient systems. We look forward to engaging the Rubico team in the development of SKF's proprietary fiber optic-based load sensing, a technology already being piloted in the north of Sweden."

SKF acquires lubrication filtration business

SKF has completed the acquisition of EFOLEX AB, a Gothenburg-based manufacturer of the Europafilter-branded industrial lubrication and oil filtration systems.

EFOLEX offers offline filtration systems used in process manufacturing and energy industries. They currently have approximately 10 employees. Thomas Fröst, President, Industrial Technologies, says: "In addition to being an interesting stand-alone product, the Europafilter technology is a good strategic fit with SKF RecondOil's Double Separation Technology offer and will widen our overall lubrication management capabilities." ♦

Russia to Impose 15% Provisional Export Tariffs on Certain Metals



The Government of Russian Federation has recently announced that it will impose the export tariffs of at least 15% each on steel, nickel, aluminum, and copper since Aug. 1st, 2021 and this measure will officially come into effect through the end of this year. According to the measure, copper will be subject to a tariff rate of US\$1,226 per ton; nickel will be subject to a tariff rate of US\$2,321 per ton; aluminum will be subject to a tariff rate of US\$254 per ton; however, rates for steel products differ from each other, and in the "hot rolled steel" category, it will be at least US\$115 per ton.

The measure is aimed at protecting national defense and construction industries in Russia from the impact of hiking material costs. As the aluminum output of United Co Rusal International represents around 10% of the global total and the nickel output of Norilsk Nickel represents around 20% of the global total, and Russia itself is also the world's 3rd largest steel exporter (mainly shipping to Europe), it is expected that such a measure will cause a significant impact on the global metal supply market.

Some analysts also estimated that, since several consumers in Chinese Taiwan and Asian countries import steel scrap, semi-finished steel billets, and hot rolled steel from Russia, plus the recent plunge of China's export, the capacity to supply Asian market may become tighter. ♦

Fastener Distributor Index Hits 10-Month Low, Though Outlook Improves



FCH Sourcing Network reported its monthly Fastener Distributor Index (FDI) for the month of August and the figures were a bit of a conundrum.

After a robust late winter, the FDI sunk 4.2 percentage points to a mark of 55.4 — its lowest reading since October 2020's 54.5.

Meanwhile, the index's Forward-Looking-Indicator (FLI) — an average of distributor respondents' expectations for future fastener market conditions — jumped 7.7 points

in August to a mark of 73.0 one month after falling to its lowest mark in nine months (November 2020, 63.2).

The latest figures suggest that fastener distributors, as a whole, have experienced a weaker summer after a strong first five months of the year, but foresee better market conditions in the not-too-distant future.

Any index reading above 50.0 indicates market expansion, which means the latest survey of North American fastener distributors indicates the fastener market expanded again in August, but at a slower rate than in July. The FDI has been in expansion territory each month since September 2020.

For context, the FDI bottomed out at 40.0 in April 2020 amid the worst of the pandemic's business impacts on fastener suppliers. It returned to expansion territory (anything above 50.0) in September 2020 and has been in solid expansion territory since the start of this past Winter.

The increase in the FLI snapped four straight months of deceleration after peaking at 78.5 in March. Its considerable one-month increase comes despite continued concern supply chain and pricing issues. The FLI has been at least in the 60s each month beginning with September 2020.

"Commentary pointed to a strong supply-demand imbalance, labor shortages, accelerating pricing, and overseas supply chain difficulties.," commented R.W. Baird analyst David J. Manthey, CFA, about the latest FDI readings. "Net, the FDI suggests August market conditions moderated some from July, although once again due more to labor/supply chain challenges than demand."

Of the FDI's factoring indices, respondent inventories saw the biggest month-to-month change, by far, with a 16.7-point decline from July to a mark of 36.5. That followed a 19.3-point jump from June to August, suggesting considerable volatility. Customer inventories fell 10.0 points to 7.7; Sales fell 7.7 points to 66.7; Employment fell 7.5 points to 53.8; and Year-to-Year pricing dipped 2.2 points to 96.2. As far as gains, Supplier Deliveries increased 3.3 points to 90.4; and Month-to-Month Pricing increased 3.3 points to 90.4.

Manthey noted that FDI survey commentary continued to focus on key themes of supply chain havoc and labor shortages.

Here's a sample of anonymous distributor comments:

- "Continued supply chain challenges due to port/rail congestion, raw material availability. Labor remains scarce."
- "Overseas supply chain delays continue to be a big problem."
- "In my 30+ years in the business I don't think I have ever had such a difficult time meeting demand."
- "With delay in imported material and computer chips our sales are down by as much as 15% and doesn't look like it is going to improve anytime soon."◆

June Cutting Tool Orders Up 7.1% From May, 20.5% YoY

June 2021 U.S. cutting tool consumption totaled \$172.1 million, according to the U.S. Cutting Tool Institute (USCTI) and AMT – The Association For Manufacturing Technology. This total, as reported by companies participating in the Cutting Tool Market Report collaboration, was up 7.1% from May's \$160.7 million and up 20.5% when compared with the \$142.9 million reported for June 2020. With a year-to-date total of \$974.7 million, 2021 is up 1.8% when compared to June 2020.



These numbers and all data in this report are based on the totals reported by the companies participating in the CTMR program. The totals here represent the majority of the U.S. market for cutting tools.

According to Bret Tayne, President of USCTI, "The cutting tool market resumed its upward march in June. The 12-month moving average improvement is in a healthy range. The cutting tool market continues to experience short-term volatility from a variety of factors, but the overall trend remains positive. Our companies are planning for continued growth as projected by our market economists."

Eli Lustgarten, President of ESL Consultants, commented, "The U.S. economy has fully recovered from its short recession and is entering second half of 2021 in boom conditions. U.S. manufacturing is a key driver with the ISM index (59.5) at very high levels. We expect that the recovery of cutting tool demand should continue through the remainder of 2021 and well into next year. The pandemic is under better control, as the U.S. has learned to live with it; the Delta variant may not have a big impact in the U.S. unless more drastic restrictions are implemented. There is likely to be a larger impact abroad (especially Asia) reflecting the weaker vaccination status."

The Cutting Tool Market Report is jointly compiled by AMT and USCTI, two trade associations representing the development, production, and distribution of cutting tool technology and products. It provides a monthly statement on U.S. manufacturers'

consumption of the primary consumable in the manufacturing process – the cutting tool. Analysis of cutting tool consumption is a leading indicator of both upturns and downturns in U.S. manufacturing activity, as it is a true measure of actual production levels.

Historical data for the Cutting Tool Market Report is available dating back to January 2012. This collaboration of AMT and USCTI is the first step in the two associations working together to promote and support U.S.-based manufacturers of cutting tool technology. ♦

USITC Makes Determinations in Five-Year (Sunset) Reviews Concerning Steel Nails from Korea, Malaysia, Oman, Taiwan, and Vietnam



The U.S. International Trade Commission (USITC) determined that revoking the existing antidumping and countervailing duty orders on imports of steel nails from Korea, Malaysia, Oman, Taiwan, and Vietnam would be likely to lead to continuation or recurrence of material injury within a reasonably foreseeable time.

As a result of the Commission's affirmative determinations, the existing orders on imports of this product from Korea, Malaysia, Oman, Taiwan, and Vietnam will remain in place.

Chair Jason E. Kearns, Vice Chair Randolph J. Stayin, and Commissioners David S. Johanson, Rhonda K. Schmidtlein, and Amy A. Karpel voted in the affirmative.

Today's action comes under the five-year (sunset) review process required by the Uruguay Round Agreements Act.

The Commission's public report Steel Nails from Korea, Malaysia, Oman, Taiwan, and Vietnam (Inv. Nos. 701-TA-521 and 731-TA-1252-1255 and 1257 (Review), USITC Publication 5200, May 2021) will contain the views of the Commission and information developed during the reviews.

The report will be available by June 18, 2021; when available, it may be accessed on the USITC website at: https://www.usitc.gov/commission_publications_library. ♦

Fastenal Posts Another Strong Month of Daily Sales in August

Fastenal reported its August sales results recently, showing a second-straight month of strong daily growth for the distributor after an underwhelming June and May.

The Winona, MN-based company posted total August sales of \$531 million, up 14.2 percent year-over-year and up 7.9 percent

from July. Fastenal's July daily sales were up 9.0 percent year-over-year — a slight deceleration from July's 9.7 percent, but a far cry from 1.7 percent growth in June and a 3.2 percent decline in May.

Geographically, Fastenal's August US sales increased 7.2 percent year-over-year (+8.2 percent in July); increased 18.7 percent in Canada/Mexico (+20.5 percent in July); and increased 24.2 percent to the rest of international (+11.4 percent in July).

By end market, Fastenal's August sales increased 19.7 percent year-over-year to manufacturing customers (+22.5 percent in August) and increased 10.1 percent to non-residential construction customers (+9.5 percent in July).

By product line, Fastenal's August fastener sales grew 18.9 percent year-over-year (+22.3 percent in July), while safety sales — which surged as high as 136 percent in May 2020 and have regulated since — were down 3.8 percent (-5.4 percent in July), and sales of 'Other' were up 8.5 percent (+9.0 percent in July).



Other notes from Fastenal's August sales report:

- National accounts daily sales growth was 17.0 percent year-over-year, up from 15.0 in July and far above the flat growth seen a year
- Non-national accounts daily sales decreased 1.0 percent, down from growth of 3.0 percent in July and 11.0 percent in June
- 77.0 percent of Fastenal's top 100 national accounts grew sales in August, up from 72.0 percent in July and 71.0 percent in June
- 65.7 percent of Fastenal's public branches were growing sales in August, down from 67.0 percent in July
- Fastenal ended August with a total headcount of 20,229, down 91 from July and down 0.3 percent year-over-year
- Fastenal ended July with a total headcount of 20,320, essentially identical to June and down 0.4 percent year-over-year
 - Total full-time selling headcount of 13,388 was down 1.5 percent YoY, with in-market locations headcount (11,295) up 0.2 percent and non-in-market headcount (2,043) up 9.5 percent
 - Distribution/transportation full-time headcount of 2,720 was up 5.0 percent YoY
 - Manufacturing full-time headcount of 626 was down 0.3 percent YoY
 - Administrative full-time headcount of 1,540 was up 10.3 percent YoY ♦

WESCO's Q2 Sequential Sales Improve Double-Digits Across All Segments



Pittsburgh-based electrical and industrial supplies distributor WESCO International reported its 2021 second quarter financial results on Thursday, marking a full fiscal year since the company's landmark \$4.5 billion acquisition of Anixter International that completed in June 2020.

That acquisition more doubled WESCO's year-over-year sales (+119 percent), cost of goods and operating profit, but keep in mind that sequential sales would be a much more reliable barometer of

the company's actual performance for this past quarter, summarized below.

WESCO reported total Q2 sales of \$4.60 billion, up from \$2.09 billion of a year earlier and up 13.9 percent from Q1. On a pro format basis, sales were up 24 percent year-over-year. The company's Q2 operating profit \$219 million dwarfed the \$15 million from a year earlier and significantly topped Q1's \$133 million. WESCO's Q2 net profit of \$119 million, compared to a \$34 million loss a year earlier and \$59 million in Q1.

WESCO's Q2 gross margin of 21.0 percent grew 210 basis points year-over-year and 90 points sequentially.

"We're capitalizing on our scale and leading industry positions, while generating significant integration synergies at a pace exceeding our initial expectations," said John Engel, WESCO chairman, president and CEO. "Our margin performance and backlog are records for the company. And we are de-levering our balance sheet at a rapid rate. We are still in the early stages of unlocking the power and performance of this new WESCO."

WESCO significantly raised its full-year sales growth expectations compared to what it did in its Q1 report, up from 4.5 to 7.5 percent to now forecasting 10 to 13 percent growth. ♦

MKS Instruments to Acquire Atotech

MKS Instruments, Inc. ("MKS"), a global provider of technologies that enable advanced processes and improve productivity, and Atotech Limited (NYSE: ATC) ("Atotech"), a leading process chemicals technology company and a market leader in advanced electroplating solutions, has announced that they have entered into a definitive agreement pursuant to which MKS will acquire Atotech for \$16.20 in cash and 0.0552 of a share of MKS common stock for each Atotech common share.

The equity value of the transaction is \$5.1 billion and the enterprise value of the transaction is approximately \$6.5 billion.

The transaction will result in pro forma annual revenue of \$3.8 billion[1] and is expected to be accretive to MKS' Non-GAAP

net earnings per share within the first year and additive to MKS' free cash flow. MKS expects to realize \$50 million in annualized cost synergies within 18 to 36 months.

"Together, MKS and Atotech will be uniquely positioned to drive faster, better solutions and innovations for customers in advanced electronics," said MKS President and CEO John T.C. Lee. "By combining leading capabilities in lasers, optics, motion and process chemistry, the combined company will optimize the PCB Interconnect, a significant enabling point of next-generation advanced electronics that represents the next frontier for miniaturization and complexity. We anticipate the addition of Atotech will position MKS to enable roadmaps for future generations of advanced electronics devices. The acquisition of Atotech also provides MKS with a recurring revenue stream from a consumables portfolio for leading-edge devices, with meaningful scale and potential on which to build."

MKS and Atotech have complementary customer solutions in key advanced electronics markets, with MKS' expertise in via drilling and Atotech in electroplating. PCBs are becoming increasingly complex as miniaturization is creating new challenges where reliability, productivity and peak performance are critical. The roadmap for next generation interconnects continues to accelerate the need for more integrated solutions that enable yield and throughput gains. ♦



Timken Acquires Intelligent Machine Solutions



The Timken Company has acquired Intelligent Machine Solutions (iMS), a manufacturer of industrial robotics and automation solutions. The addition of iMS expands and complements Timken's Rollon® linear motion product range with larger and heavy-duty applications, such as seventh-axis robotic transfer units (RTUs) and gantry systems.

"The acquisition of iMS builds upon our established engineering expertise in power transmission and will enable us to compete more effectively and win new business in the heavy-duty linear

motion space," said Rüdiger Knevels, chief executive officer of Rollon. "This deal expands our product line and creates new opportunities for us in the growing and global \$700 million robotic transfer unit industry."

Timken entered the linear motion product space in 2018 with the acquisition of Europe-based Rollon, a leader in engineered and specialized linear motion products, including linear guides, telescopic rails, and linear actuators and systems used in a wide range of industrial and commercial applications. ♦

List of Global Fastener & Related Exhibitions

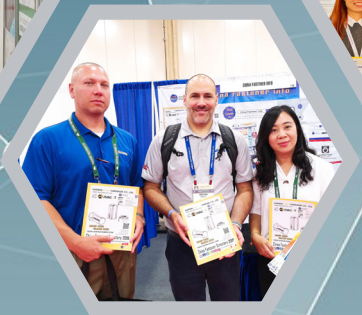
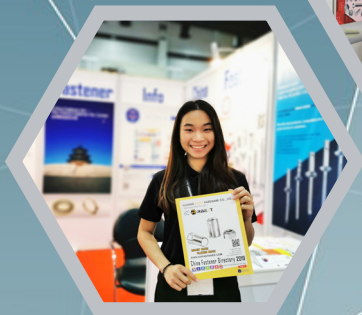
Compiled by China Fastener Info

September 2021

15-17	Vietnam Manufacturing Expo Organizer: Reed Tradex	Digital Exhibition www.vme-expo.com
21-23	International Fastener Expo Organizer: Emerald Expositions	Mandalay Bay, Las Vegas, USA https://fastenershow.com/

October 2021

6-8	Manufacturing World Osaka Organizer: RX Japan	INTEX Osaka, Japan www.japan-mfg-kansai.jp
7-9	METALEX VIETNAM Organizer: Reed Tradex	S.E.C.C, HCMC, Vietnam www.metalexvietnam.com
13-14	Fastener Fair Mexico Organizer: RX	Centro Citibanamex, Mexico www.fastenerfairmexico.com
13-16	METALTECH Organizer: Informa Markets	MITEC, Kuala Lumpur, Malaysia https://metaltech.com.my/
27-29	The 21st Fastener Trade Show Suzhou Organizer: China Fastener Info	Suzhou International Expo Center, Jiangsu, China www.fastenertradeshow.net
27-29	Korea Metal Week Organizer: Korea Trade Fairs Ltd.	KINTEX, South Korea www.korea-metal.com



November 2021

8-10	Fastener Fair USA Organizer: RX	Huntington Convention Center, Cleveland, USA www.fastenerfairusa.com
9-12	METAL-EXPO Organizer: Metal-Expo	Expocentre Exhibition Center, Moscow, Russia www.metal-expo.ru
10-13	WIN EURASIA Organizer: Hannover Fairs Turkey	Tüyap Fair Convention and Congress Center, Turkey http://win-eurasia.com/en
17-20	METALEX Organizer: Reed Tradex	BITEC, Bangkok, Thailand www.metalex.co.th
26-27	Fastener Fair India • Mumbai Organizer: RX	BEC, Mumbai, India www.fastenerfairindia.com

December 2021

1-4	Manufacturing Indonesia Organizer: Informa Markets	Jakarta International Expo, Kemayoran, Indonesia www.manufacturingindonesia.com
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To be continued...



February 2022

9-11

wire & Tube Southeast Asia

Organizer: Messe Duesseldorf Asia

BITEC, Bangkok, Thailand

www.wire-southeastasia.com

March 2022

6-9

INTERNATIONAL HARDWARE FAIR

Organizer: Koelnmesse

Koelnmesse Fair Grounds,
Germany

www.eisenwarenmesse.com

16-18

Manufacturing World Tokyo 2022

Organizer: RX Japan

Tokyo Big Sight, Japan

www.japan-mfg.jp

April 2022

13-15

Manufacturing World Nagoya 2022

Organizer: RX Japan

Portmesse Nagoya, Japan

www.japan-mfg-nagoya.jp

19-21

Taiwan International Fastener Show

Organizer: Taiwan External Trade
Development Council, TAITRA

Kaohsiung Exhibition Center,
Taiwan

www.fastenertaiwan.com.tw

25-29

Hannover Messe

Organizer: Deutsche Messe

Hannover Messe, Germany

www.hannovermesse.de

May 2022

9-13

wire & Tube 2022

Organizer: Messe Düsseldorf

Düsseldorf Exhibition Center,
Germany

www.wire.de

June 2022

22-24	Manufacturing World Tokyo 2022 Organizer: RX Japan	Tokyo Big Sight, Japan www.japan-mfg.jp
22-25	Manufacturing Expo Organizer: Reed Tradex	BITEC, Bangkok, Thailand www.manufacturing-expo.com
29- July 1	Automechanika Ho Chi Minh City Organizer: Messe Frankfurt	Saigon Exhibition and Convention Center, Vietnam https://automechanika-hcmc.hk.messefrankfurt.com/hochiminhcity

**Note: Show dates are subject to change. We suggest you doublecheck before your visit.*

China Fastener Directory



**The International magazine
for fastener buyers**



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Overseas Fastener Associations

Asia

The Fasteners Institute of Japan (FIJ)

Kikai Shinko Building, 5th Floor, 3-5-8, Shibakoen
Minato-ku, Tokyo 105-0011, Japan

Phone: +81-3-3434-5831

Email: honbu@fij.or.jp

Website: www.fij.or.jp/english/

Korea Federation of Fasteners Industry Cooperatives (KFFIC)

A-1601, Xi Tower, 67, Saebitgongwon-ro,
Gwangmyeong-si, Gyeonggi-do, 14348, South Korea

Phone: +82-2-782-1923

Email: fastenerkorea@gmail.com

Website: www.kffic.org/en

Fasteners Association of India (FAI)

A167, Wagle Estate, Road No.27, Thane 400 604, India
CINNO.U74999MH2017NPL291400

Phone: +91-22-6526-3161

Email: info@fastenindia.com

Website: <http://fastenindia.com/>

Fastener Manufactures Association of India (Regd.)

8, Guru Nanak Market, Focal Point, Ludhiana, India

Phone: +91-161-467-5476

Email: info@fastenerindia.org

Website: www.fastenerindia.org

BESIAD

İkitelli OSB Tormak Sanayi Sitesi Sosyal Tesisler Kat:3
No:18 34490 Başakşehir, İstanbul, Turkey

Phone: +90-212-609-0635

Email: besiad@besiadturkey.com

Website: www.besiadturkey.com

Europe

European Fastener Distributor Association (EFDA)

Friedrichstrasse 79

10117 Berlin

Germany

Phone: +49-30-8887-6532

Email: secretary@efda-fastenerdistributors.org

Website: www.efda-fastenerdistributors.org

European Industrial Fasteners Institute (EIFI)

Diamant Building - 5th floor

Bld A. Rayers 80

B 1030 Brussels BELGIUM

Phone: +39-2-657-5295

Email: info@eifi.org

Website: www.eifi.org

British & Irish Association of Fastener Distributors (BIAFD)

6 Alfred Street, Rushden, Northants

NN10 9YS United Kingdom

Phone: +44-7519-853-402

Email: info@biafd.org.uk

Website: www.biafd.org

The National Association of the Italian Fastener Manufacturers (U.P.I.V.E.B., Unione Produttori Italiani Viteria e Bulloneria)

Piazza della Repubblica, 10 - 20121 Milano - Italia

Phone: +39-2-657-5295

Email: info@upiveb.org

Website: www.upiveb.org

The German Screw Association (DSV, Deutscher Schraubenverband)

Goldene Pforte 1, 58093 Hagen, Germany

Phone: + 49-2331-958-811

Email: beyer@schraubenverband.de

Website: www.schraubenverband.de

Dutch Fasteners & Related Industrial Importers Association (NEVIB, Nederlandse Vereniging van Importeurs van Bevestigingsmaterialen en Aanverwante Industriële Producten)

Haydnlaan 13

4837 CS Breda

The Netherlands

Phone: +31-6-4146-1463

Website: www.nevib.nl

The Spanish Association of Metal Fastening Elements Manufacturers (ASEFI, Asociación Española de Fabricantes de Elementos de Fijación Metálicos)

Ifar Kale, 1 Bajo CP - 20600 - Eibar (Gipuzkoa) SPAIN

Phone: +34-943-204-291

Email: administracion@asefi.com.es

Website: www.asefi.com.es/en/

North America**Fastener Industry Coalition (FIC)**

3020 Old Ranch Parkway, #300

Seal Beach, CA 90740, USA

Phone: +1-562-799-5509

Website: www.fastenercoalition.org

Fastener Training Institute

27943 Seco Canyon Rd #508

Santa Clarita CA 91350, USA

Phone: +1-562-473-5373

Email: info@FastenerTraining.org

Website: www.fastenertraining.org

Industrial Fasteners Institute

6363 Oak Tree Blvd

Independence, OH 44131, USA

Phone: +1-216-241-1482

Email: techinfo@indfast.org

Website: www.indfast.org

Metropolitan Fastener Distributors Association (MFDA)

233 Rock Road, #205

Glen Rock, NJ 07452, USA

Phone: +1-201-254-7784

Email: mfdaboard@gmail.com

Website: www.mfda.us

Mid-Atlantic Fastener Distributors Association (MAFDA)

3211 West 9th Street

Trainer, PA 19061, USA

Email: info@mafda.com

Website: www.mafda.com

Mid-West Fastener Association (MWFA)

P.O. Box 5

Lake Zurich, IL 60047, USA

Phone: +1-847-438-8338

Email: info@mwfa.net

Website: www.mwfa.net

National Fastener Distributors Association (NFDA)

3020 Old Ranch Parkway, #300

Seal Beach, CA 90740, USA

Phone: +1-562-799-5519

Email: nfda@nfda-fastener.org

Website: www.nfda-fastener.org

New England Fastener Distributors Association (NEFDA)

P.O. Box 151

Lake Zurich, IL 60047, USA

Phone: +1-847-370-9022

Email: nefda@nefda.com

Website: www.nefda.com

North Coast Fastener Association (NCFA)

6995 Bridlewood Drive

Concord Township, OH 44077, USA

Phone: +1-440-975-9503

Email: lgraham@ncfaonline.com

Website: www.ncfaonline.com

Pacific-West Fastener Association (Pac-West)

3020 Old Ranch Parkway, #300

Seal Beach, CA 90740, USA

Phone: +1-562-799-5509

Email: info@pac-west.org

Website: www.pac-west.org

Southeastern Fastener Association (SEFA)

P.O. Box 473

Lake Zurich, IL 60047, USA

Phone: +1-847-370-9022

Email: sefa@thesefa.com

Website: www.thesefa.com

Southwestern Fastener Association (SFA)

101 Winifred's Way

Hallsville, TX 75650, USA

Phone: +1-903-918-3158

Email: cbailey@southwesternfastener.org

Website: www.southwesternfastener.org

Specialty Tools & Fasteners Distributors Association (STAFDA)

P.O. Box 44

500 Elm Grove Road, Suite 210

Elm Grove, WI 53122, USA

Phone: +1-262-784-4774

Email: info@stafda.org

Website: www.stafda.org

Women in the Fastener Industry Association (WIFI)

P.O. Box 242

Northvale, NJ 07647, USA

Email: President@fastenerwomen.com

Website: www.fastenerwomen.com

Young Fastener Professionals (YFP)

104 Sunfield Avenue

Edison, NJ 08837, USA

Phone: +1-732-930-4600

Email: youngfastenerprofessionals@gmail.com

Website: www.youngfastenerprofessionals.com

Canadian Fasteners Institute

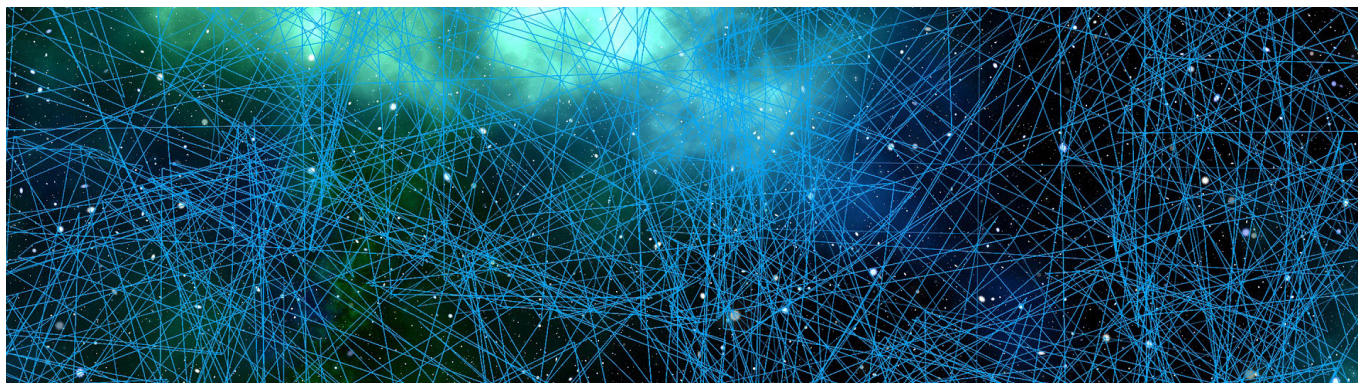
24 MacBride Court

Brantford, Ontario, Canada

N3T 6J1

Email: info@cfi-fasteners.org

Website: www.cfi-fasteners.org



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Products and services related to:

- Automotive manufacturing & automation
- Commercial vehicle
- Passenger vehicle
- Motorcycle



autoasia@hongkong.messefrankfurt.com

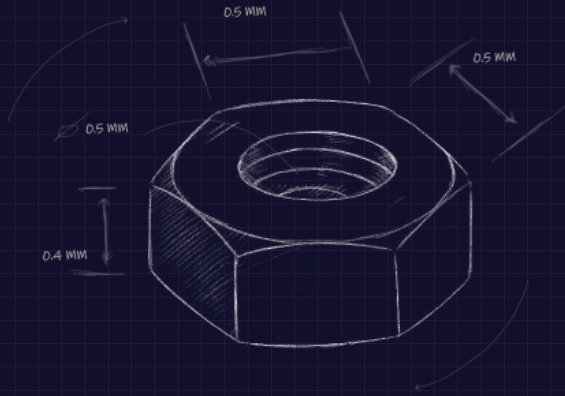


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FOR **ALL** THE INDUSTRY, IN THE **HEART** OF MANUFACTURING



Fastener Fair USA is the only exhibition in the U.S. dedicated to the full supply chain—distributors, mechanical and design engineers, purchasers, wholesalers, and end-users/OEMS—spanning key vertical industries.

The next edition of Fastener Fair USA will be held in Cleveland, OH, putting the show in one of the biggest manufacturing hubs in North America. Combining a comprehensive display of industry innovation with highly relevant education and unmatched opportunities to connect with peers and industry experts will create a trade show experience unlike any other.

CONFERENCE:

NOVEMBER 8, 2021

EXHIBIT HALL:

NOVEMBER 9-10, 2021

HUNTINGTON CONVENTION CENTER,
CLEVELAND, OHIO



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CHINA-FASTENER-INFO**

Endorsed by :



9-12 NOVEMBER 2021
MOSCOW, RUSSIA



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MetallurgMash'2021



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for Construction
MetallStroyForum'2021



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THE **27TH** INTERNATIONAL
INDUSTRIAL EXHIBITION

**METAL
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www.metal-expo.com

WIN EURASIA

HYBRID

10 - 13 November 2021

Tüyap Fair Convention and Congress Center
İstanbul ▪ Turkey

Industrial Transformation

Hybrid
Fair



win-eurasia.com



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EURASIA

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info@hf-turkey.com
www.hmist.com.tr

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2022 

Fastener Taiwan

APR 19-21

Kaohsiung Exhibition Center, Taiwan

"The Taiwan International Fastener Show (Fastener Taiwan)" is one of the most professional B2B fastener tradeshows in Asia. Serving as a trading platform for sourcing and procurement, Fastener Taiwan features a highly integrated supply chain in Taiwan's fastener industry.

2022 Fastener Taiwan, the physical exhibition will combine a series of online events such as an online exhibition, forums and live tours. Hybrid online & offline events have the great advantage of being accessible from all over the world, getting maximum exposure for your business.

Fastener products, fastener parts, manufacturing equipment, fastener tools, testing instruments, wire materials, and related product / service industry players are invited to the grand event !

EVENTS

- Online Exhibition
- 1-on-1 Procurement Meetings
- Seminars and Forums
- Talent Matchmakings

EXHIBIT AREA

- Nuts, Bolts and Screws
- Fastener Manufacturing Equipment
- Fastener Tools
- Meters & Instruments
- Wire & Raw Materials



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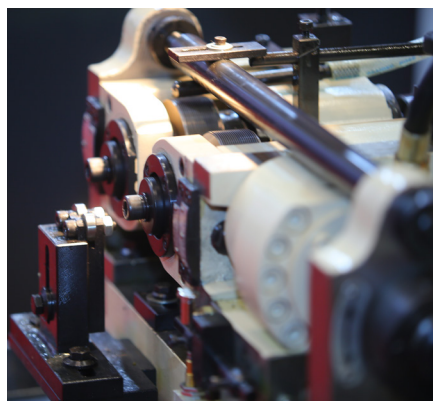
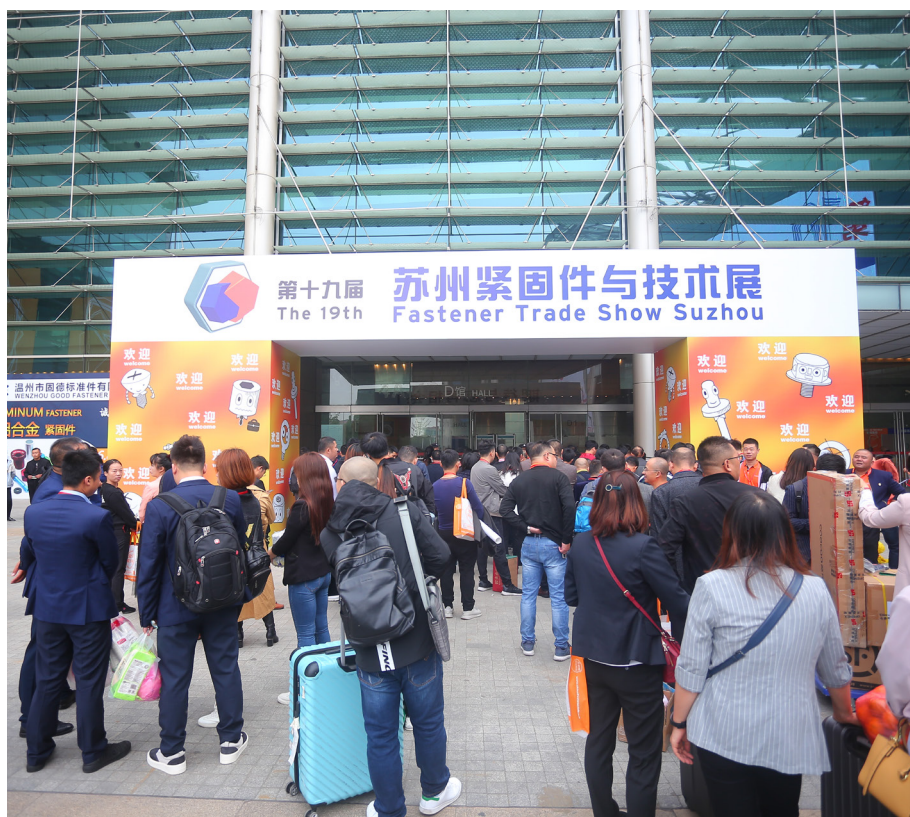


Taiwan External Trade
Development Council (TAITRA)



Taiwan Industrial
Fasteners Institute (TIFI)

The 21st Fastener Trade Show Suzhou to Continue Strong Momentum in 2021



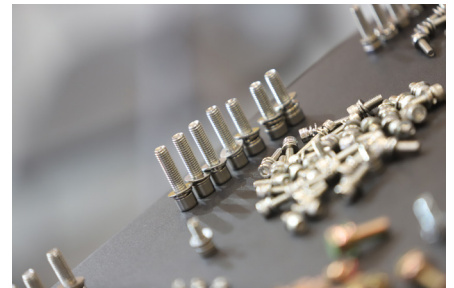
As a grand festival for global fastener suppliers and buyers, the 21st Fastener Trade Show Suzhou will open its doors from 27-29 October 2021 at Suzhou International Expo Center (SIEC), Jiangsu Province, China.

This year's show will occupy halls D1 and E1, with a total exhibition area of 12,000 square meters, featuring more than 400 participating companies (expected). Some 12,000 buyers and visitors from China and the rest of the world are expected to come to the exhibition for annual procurement and negotiation.

The exhibit profile in 2021 will cover 6 product ranges of the entire fastener supply chain, including: fasteners, tools, equipment, molds, surface treatment and raw materials.

"Fastener High-End Forum", including a series of insightful topics by leaders and experts from fastener application fields, will shed light on advanced technology applications, providing a unique opportunity for attendees to acquire knowledge and share information.

The previous edition had created an unprecedented record of 551 booths, with a total of 11,028 visitors from around 30 countries and regions, covering Chinese Mainland, Hong Kong China, Taiwan China, Italy, UK, Portugal, Spain, Belgium, Thailand, Saudi Arabia, Pakistan, Greece, Canada, USA, Sweden, Indonesia, Czech, Albania, South Africa, India, Kazakhstan, Tunisia, Latvia, Egypt, Japan, South Korea, etc.



Online visitor registration is now open. Register now for FREE Admission, FREE Show Catalog and Souvenir! Scan the QR code below to complete the application form.

Learn more about the 21st Fastener Trade Show Suzhou, please visit www.fastenertradeshow.net. ♦



**The 21st
FASTENER TRADE SHOW SUZHOU**
27-29.10.2021
Suzhou International Expo Center



Fastener Fair USA Heads to Cleveland, Ohio November 8-10, 2021

Conference and trade show event to feature best practices in industrial and supply chain management.

The 2021 Fastener Fair USA will include a dynamic, day-long educational program on November 8, and a productive, two-day expo geared to the entire fastener industry on November 9 and 10.

Fastener Fair USA is the only exhibition in the U.S. dedicated to the full supply chain – distributors, mechanical and design engineers, purchasers, wholesalers and OEMs, and for 2021, an expanded emphasis on manufacturing. In October 2020, Fastener Fair USA and the International Fastener Machinery & Suppliers' Association (IFMSA) entered a multi-year agreement to bring the International Fastener Manufacturing Exhibition to Fastener Fair USA beginning with the November 2021 show.

From automotive to aerospace, construction to HVAC, furniture to appliances, fastener professionals from every segment of the market find the latest products they need at Fastener Fair USA and the manufacturing sectors it serves.

Fastener Fair USA 2021 will produce a pre-show conference program on November 8, as well as technical sessions on the floor on products and processes impacting the industry. Key among these is a heightened interest among OEMs and distributors in sourcing fasteners and fixtures closer to point of use. The pandemic has complicated the global supply chain, and more firms are expected to examine the potential to source more of their fastener production and processing, like adhesive application and coating, closer to home, or in some cases, in house.



Cleveland the Perfect Location

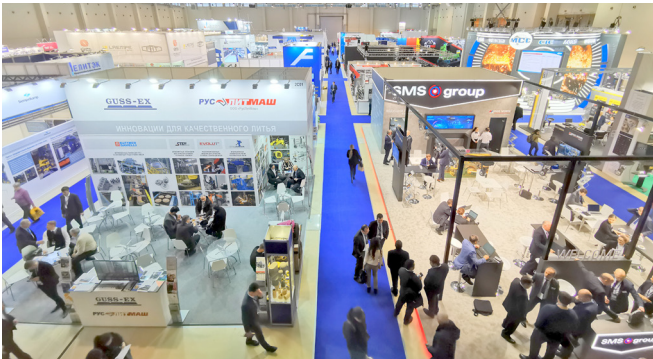
"We're excited to return to Cleveland, and present the most robust Fastener Fair USA yet," said Bob Chiricosta, Event Director for Fastener Fair in the U.S. and Mexico. "Given Ohio's renaissance in advanced manufacturing, Cleveland is the perfect setting for the next Fastener Fair USA."

The advancement of manufacturing in Ohio received a boost this past year. In September, the U.S. Department of Defense approved a \$5 million grant to improve defense

manufacturing processes in Ohio and train workers for next-generation jobs. In August, Ohio was named a Defense Manufacturing Community, in a program designed to support investments that strengthen national security innovation and expand capabilities for defense manufacturing.

Visit www.FastenerFairUSA.com for the most up-to-date information on Fastener Fair USA or contact Event Director, Bob Chiricosta at bchiricosta@reedexpo.com. ♦

Leading Steel Producers and Engineering Companies to Exhibit in Metal-Expo'2021



Metal-Expo'2021, the 27th International Industrial Exhibition will be held on November 9-12 at Expocentre Fairgrounds, Moscow. The total exposition area will exceed 30k sqm. The majority of leading Russian steel companies have already confirmed their participation in the event.

The exhibition will be held in three spacious halls. Thus, halls 2 and 8 will host ferrous and non-ferrous producers while hall 3 will host MetallurgMash exposition: manufacturers and suppliers of modern equipments, technologies, and innovative solutions to the steel industry and metalworking. Due to the spacious halls the exhibition will regain its pre-pandemic 2019 space size.

Expocentre Fairgrounds is familiar to Metal-Expo projects exhibitors for Metallurgy.Litmash, Tube and SteelStructures events have been held there for many years. Expocentre is located in a business area in the center of Moscow with its convenient transport accessibility: a Metro station is located right next to the Fairgrounds.

Due to a massive vaccination campaign against COVID-2019 and gradual lifting of travel restrictions, there is every reason to believe that the event's target audience will considerably grow in number in 2021 as compared to the last year; among Metal-Expo'2021 visitors will be end-users of steel products from the construction industry, heavy engineering, power-engineering, transportation and logistics, steel traders etc.

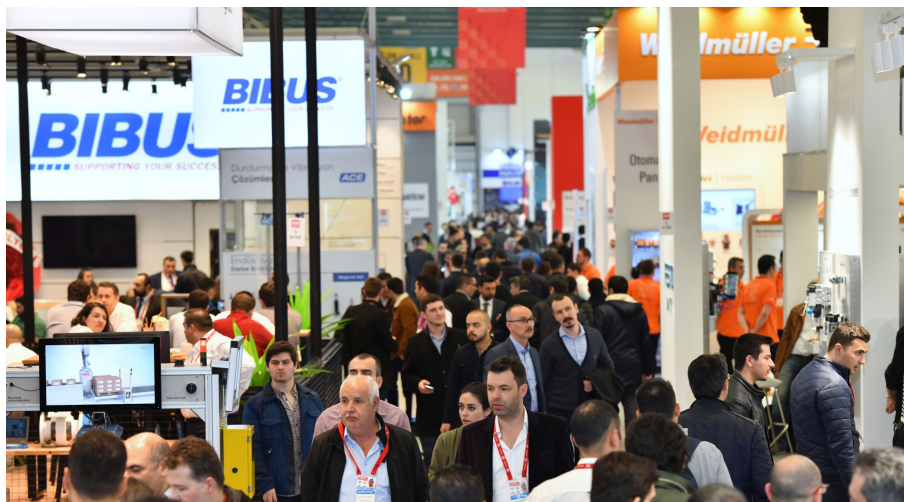
International companies interested in establishing mutually beneficial cooperation with Russian steel companies will also attend the event if the situation gets back to normal by autumn.

Steel producers, engineering companies and steel structures manufacturers will arrange massive expositions at Metal-Expo'2021, among them: MMK, TMK, Severstal, Mechel, OMK, NLMK, EVRAZ, Metalloinvest, UMMC, ChelPipe, IMH, TEMPO, Uraltrubprom, Asha Steel Works, Red October Steel Works, Electrostal Steel Works, Zlatoust Steel Works, KUMZ, Aluminium Metallurg Rus, OMZ Group, VSMPO-AVISMA, SMK, Novostal-M, Byelorussian Steel Works, Metinvest and many more steel producers, tubes manufacturers, hardware manufacturers, non-ferrous producers, steel products suppliers, steel traders, as well as builders, oil and gas producers, engineers etc.

Steel market participants and their subcontractors will be arranging meetings during the four days Metal-Expo'2021 to discuss and find solutions to their problems and sign cooperation contracts. Metal-Expo is one of few Russian exhibitions attended by steel company leaders, top-managers and decision-makers.

Currently, Metal-Expo'2021 exposition is under arrangement. Welcome to attend Metal-Expo'2021, the 27th International Industrial Exhibition, November 9-12, 2021, Expocentre Fairgrounds, Moscow, Russia! ♦

WIN EURASIA, Turkey's First Hybrid Industry Fair is on 10-13 November



with other visitors according to their interests, from any device with internet access. Likewise, exhibitors will be able to have bilateral business meetings with buyers from anywhere in the world without leaving their stands and have statistical data about the people who visit their stands.

Hosting the leading companies of the automation, metal processing, welding, electrical, electronic and supply chain management and logistics sectors every year, the fair has started to come to the fore with its conferences, especially in recent years. Many valuable and expert speakers will share their sectoral experiences and trends with the audience for four days. Conferences can be watched live both at the fairground and on the website.

Through Hybrid B2B Bilateral Business Meetings, exhibitors and buyers will have the opportunity to meet both in the designated area in the fairground and online. Beforehand planned meetings will allow exhibitors to meet buyers from anywhere in the world. In addition, visitors will be able to match each other according to their interests and provide chat and video calls through the artificial intelligence-supported online matching system.

Visit www.win-eurasia.com to follow all the developments about WIN EURASIA Hybrid, which will include many firsts, and to register for free. ♦

Organized by Hannover Fairs Turkey and bringing together industry professionals from dozens of countries every year, WIN EURASIA, the leading industry fair of Eurasia, will physically bring together all industry professionals on November 10-13, 2021.

The fair, which determines its motto as "Industrial Transformation", will take place in digital environment for the first time this year as well as the traditional physical fair, and will undertake a transformation in the field of fair organization. Thanks to this type of event called hybrid, where physical and digital fairs are held together, sector professionals who cannot travel will also have an opportunity to take part in WIN EURASIA and experience the fair.

The exhibition, which will take place at the Tüyap Fair Convention and Congress Center, by taking all the protective measures specified by both the World Health Organization and Ministry of Health in the current period, can also be visited at www.win-eurasia.com.

The digital projects that Hannover Fairs Turkey has been working on for a long time gained momentum with the pandemic period and Connection Days online event platform was launched in June 2020. The platform, which hosts many different sectoral events, has shown us that a new era has begun in fair organization.

The WIN EURASIA team aims to provide a hybrid fair experience beyond the expectations of the exhibitors and visitors by combining the vision of the digital events they have held since June with years of physical fair experience. Thanks to the hybrid fair, where all the advantages of the digital age are integrated, visitors will be able to visit exhibiting companies, participate in conferences and interact

Taiwan International Fastener Show Has Been Cancelled, the Next Exhibition Will be Held on April 19-21, 2022

Affected by the novel coronavirus (COVID-19) epidemic, the organizers of the "Taiwan International Fastener Show" (Fastener Taiwan), Bureau of Foreign Trade, MOEA, and implementers, the Taiwan External Trade Development Council (TAITRA) and the Taiwan Industrial Fasteners Institute (TIFI) decided to cancel the 6th "Fastener Taiwan", and the next exhibition will be held on April 19-21, 2022.

"2022 Taiwan International Fastener Show" provides exhibitors and buyers with a complete virtual and real integrated digital marketing platform. These include "Fastener Show Online Exhibition" and "Online Sourcing Meetings." TAITRA also continuously assist the exhibitor to enhance the marketing visibility and create global business opportunities.



EXHIBITION PROFILE

Fastener Taiwan is the ONLY international B2B fastener show in Taiwan. Serving as a trading platform for sourcing and procurement, Fastener Taiwan features a complete range of fastener products. To better illustrate Taiwan's image of "the Kingdom of Screws", the show also presents a highly integrated supply chain of Taiwan's fastener industry.

SHOW DATES AND HOURS : April 19-21, 2022

VENUE : Kaohsiung Exhibition Center (No.39, Chenggong 2nd Rd., Qianzhen Dist., Kaohsiung City 806, Taiwan)

EXHIBIT AREA : •Nuts, Bolts and Screws •Fastener Manufacturing Equipment •Fastener Tools •Meters & Instruments •Wire & Raw Materials

NUMBER OF EXHIBITORS AND BOOTHS : 430 exhibitors using 1,150 booths

EVENTS : •Welcome Dinner •1-on-1 Procurement Meetings • Seminars and Forums ♦

 **2022 Taiwan International
Fastener Show**



A Lot of Movement in the Wire, Cable, Tube and Pipe Industry: Wire 2022 and Tube 2022 Experience a Lot of Tailwind from Their Industries



Since March 2021, companies wishing to present their machinery, equipment, services and products at the world's leading trade fairs wire and Tube, which will be held in Düsseldorf from May 9 to 13, 2022, have been able to register with Messe Düsseldorf.

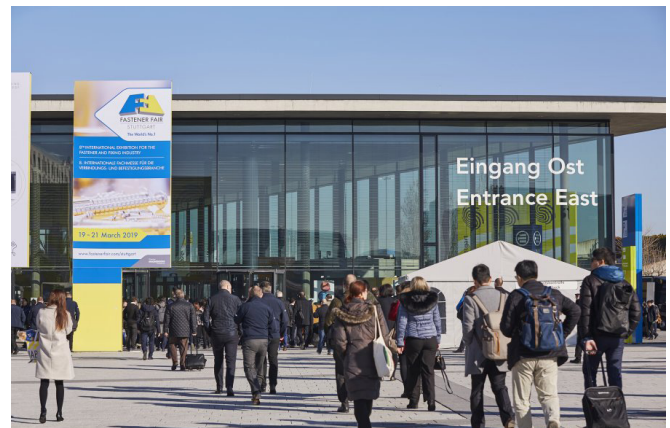
It is already clear that the industries are committed to the No. 1 trade fairs. The response is good and the wire and Tube project team is confident that both trade fairs will once again present themselves as the international industry events in 2022.

Planning for both trade shows will begin on June 30, 2021, which is also the official registration deadline for interested companies. Old exhibitors who would like to book their traditional space again should register before the registration deadline.

"Personal dialog with our exhibitors is what defines us as Messe Düsseldorf," Daniel Ryfisch, Project Director of the world's leading trade fairs wire, Tube and VALVE WORLD EXPO and their international satellites in China, Thailand, Brazil, Russia and India.

He is looking forward to walking through well-filled exhibition halls again next year and welcoming guests from all over the world. The wire 2022 will take place in exhibition halls 9 to 17, the Tube in halls 1 to 7a. ♦

Fastener Fair Stuttgart 2021 Postponed: the 9th International Exhibition will Take Place from 21-23 March 2023 in Stuttgart, Germany



Mack-Brooks Exhibitions has announced the postponement of Fastener Fair Stuttgart 2021, which was scheduled to take place at the Messe Stuttgart Exhibition Centre in Germany from 9 to 11 November 2021. Instead the 9th International Exhibition for the Fastener and Fixing industry, will return to its normal event cycle and run from 21–23 March 2023. This decision was made due to the ongoing pandemic and following conversations with exhibitors and partners over the past weeks and months.

Liljana Goszdziewski, Portfolio Director of Fastener Fair Stuttgart, and on behalf of Mack-Brooks Exhibitions, commented about the announcement: “Following our decision to postpone Fastener Fair Stuttgart, we are pleased to be able to offer our usual event slot in Spring 2023. This early announcement will allow planning security for all participants, and it will ensure that the event can continue its critical role in bringing the global fastener and fixing industry together again in 2023.”

In the meantime, Mack-Brooks Exhibitions will run the new digital event, Fastener Fair CONNECT, allowing the international fastener and fixing community to gather in a dedicated online marketplace, which will offer an online showcase and additional networking opportunities for all

the industry. From 17-18 November 2021, this international fastener get-together will unite all the global Fastener Fair brands, including Germany, Italy, Mexico, USA and India.

Fastener Fair CONNECT will lead the way to a series of roadshow events, planned to run in 2022, which will offer fastener and fixing professionals opportunities to meet and stay connected with the industry. Fastener Fair Italy, already planned from 30 November – 1 December 2022, will be one of the events in the series. Detailed information on dates and locations will be released in due course. The Fastener Fair Stuttgart Team will communicate closely with customers and partners over the coming weeks and months and thank their exhibitors, partners, suppliers and visitors for their continuous support.

Fastener Fair Stuttgart is the global flagship exhibition of the Fastener Fair brand. The show is the world’s leading meeting place for the fastener and fixing industry. It is part of a series of targeted trade events for the fastener and fixing industry, including Fastener Fair Italy, Fastener Fair Turkey, Fastener Fair France, Fastener Fair India, Fastener Fair Mexico and Fastener Fair USA. For updates and further information, please visit the event website: www.fastenerfairstuttgart.com. ♦

Fastener Fair CONNECT: the Brand-new Digital Event Merging Fastener Fairs Worldwide and Bringing Together the International Fastener and Fixing Community



Fastener Fair CONNECT is the first online marketplace and digital business platform unifying Fastener Fair shows worldwide. Fastener Fair Stuttgart, Fastener Fair Italy, Fastener Fair Mexico, Fastener Fair USA and Fastener Fair India are joining forces to provide a unique networking event targeting the global fastener and fixing industry. The digital event, scheduled to take place from 17-18 November 2021, will offer a comprehensive programme for trade professionals, including virtual product showcases, expert webinars and interactive matchmaking opportunities.

The organiser of Fastener Fair CONNECT, Mack-Brooks Exhibitions, has announced a new online event for the international fastener and fixing community to enhance networking opportunities between geographical markets otherwise unable to meet due to COVID-19 and related travel restrictions. This newly launched event will provide exhibitors with a unique platform to present their innovative products, equipment and technologies to a targeted global audience. Matchmaking features will create new business opportunities by enabling companies to connect with potential and existing customers worldwide. In addition, through industry expert webinar sessions, Fastener Fair CONNECT will gather industry professionals to address the challenges of the fastener supply chain and discuss the most recent fastener and fixing industry trends.

"For the first time, we are merging the Fastener Fairs worldwide to deliver our customers an all-inclusive experience. FastenerFair CONNECT will digitally unite five solid regional markets for the fastener and fixing industry, providing the whole supply chain with a comprehensive display for innovations and unparalleled networking opportunities with the global fastener and fixing community. Working together with the other brands will allow us to extend the shows' remit by enabling cross-promotion between shows and expanding the digital event's international audience reach. In addition, the event will combine highly relevant educational webinars and an unrivalled potential for the sector to connect internationally with peers and industry experts", says Liljana Goszdziwski, Portfolio Director of the European Fastener Fairs, at Mack-Brooks Exhibitions.

SOURCE, NETWORK and LEARN: Fastener Fair CONNECT offers a three-in-one experience

Fastener Fair CONNECT is a two-day online business trade, network and knowledge platform calling all international fastener and fixing industry professionals. Attendees from various industrial sectors will be able to identify and connect with relevant technology suppliers, browse products and innovations on the virtual showrooms, and attend live sessions and webinars on current industry issues tailored to deepen the sector's know-how and competencies.

SOURCE: Virtual Stands and Product Showcases

The Exhibitor Directory offers an easy starting point to discover fastener and fixing manufacturers and suppliers. The virtual stands will allow attendees to access exhibitor information, including product details, corporate videos, and much more. In addition, product showcases will provide a detailed sourcing directory for products and services.

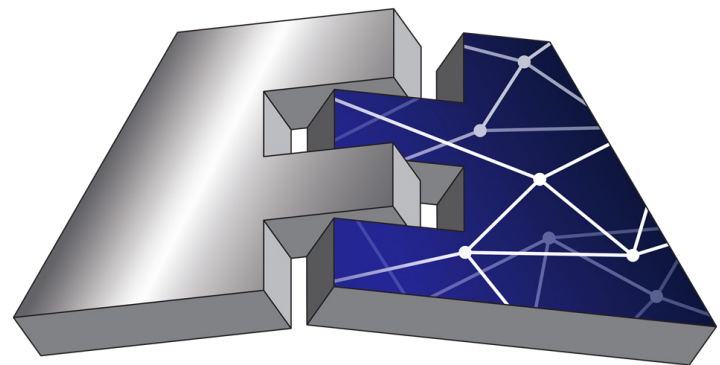
NETWORK: Matchmaking and Virtual Meetings

Upon registration, participants will be prompted to select their desired product categories and interests. A matchmaking system will combine the information chosen to help buyers connect with relevant suppliers by pairing contacts with compatible profiles. Attendees will be able to send contact requests and pre-schedule meetings with the right supplier before the event.

LEARN: Webinar sessions on the latest industry and technology trends

Through the collaboration with international key partners and industry associations, Fastener Fair CONNECT will shape a webinar programme addressing the current challenges faced by the fastener and fixing supply chain. Industry experts will cover the sector's trending topics and provide valuable insights into the latest developments for fastener and fixing technologies.

Further information on Fastener Fair CONNECT, please visit <https://fastenerfair-connect.com/>. ♦



FASTENER FAIR CONNECT



Statistics of China Fastener Imports & Exports in H1 2021

Compiled by China Fastener Info

According to the statistics of China Customs, China's import of fasteners (iron or steel) totaled USD 1.37 billion in the first half of 2021, with total import volume of 132,516 tons.

Import Statistics of China Fasteners (Iron or Steel) in H1 2021

HS Code	Product	Import Value (USD)	Import Quantity (kg)
73181100	Coach screws	717,463	86,490
73181200	Other wood screws	809,375	109,075
73181300	Screw hooks and screw rings	2,120,833	133,086
73181400	Self-tapping screws	50,553,351	7,286,287
73181510	Other screws and bolts, with tensile strength \geq 800MPa	460,581,699	67,542,973
73181590	Other screws and bolts, with tensile strength $<$ 800MPa	215,545,154	16,434,130
73181600	Nuts	242,873,733	21,035,861
73181900	Other threaded articles	42,862,332	2,645,279
73182100	Spring washers and other lock washers	30,623,018	986,976
73182200	Other washers	124,727,582	5,069,903
73182300	Rivets	33,199,080	2,147,144
73182400	Cotters and cotter pins	113,983,355	6,162,448
73182900	Other non-threaded articles	59,923,302	2,877,274
Total		1,378,520,277	132,516,926

In terms of export performance, China's export of fasteners (iron or steel) reached USD 3.18 billion, with total export volume of 1,389,297 tons.

Export Statistics of China Fasteners (Iron or Steel) in H1 2021

HS Code	Product	Export Value (USD)	Export Quantity (kg)
73181100	Coach screws	8,457,516	6,334,469
73181200	Other wood screws	64,518,567	39,483,237
73181300	Screw hooks and screw rings	15,744,945	6,490,318
73181400	Self-tapping screws	373,951,866	174,059,503
73181510	Other screws and bolts, with tensile strength \geq 800MPa	359,511,192	169,144,906
73181590	Other screws and bolts, with tensile strength $<$ 800MPa	1,059,958,984	463,544,011
73181600	Nuts	542,848,876	231,018,218
73181900	Other threaded articles	303,535,249	145,319,804
73182100	Spring washers and other lock washers	25,893,721	9,052,429
73182200	Other washers	206,460,834	89,180,798
73182300	Rivets	54,072,364	13,802,299
73182400	Cotters and cotter pins	99,618,988	24,361,030
73182900	Other non-threaded articles	68,704,531	17,506,142
Total		3,183,277,633	1,389,297,164



Brazil Fastener Export/Import on Q1 2020 and 2021

Compiled by China Fastener Info



The Brazilian currency depreciation could have been the cause to exports rise on volumes, but fell on revenue; instead, the imports rise.

During the first month 2021 the Brazilian fastener imports achieved US\$ 52.27 million, with 12,293.09 tonnes on volumes. In February were US\$54.31 million, 12,638.75 tonnes. Closing the Q1, March achieved US\$ 121.28million, 25,624.64 tonnes.

So, the last Q1 2021 total were US\$ 227.86 million, 53.81% bigger than US\$ 148.14 million from 2020 and 50,556.48 tonnes, 60.66% above the 31,463 tonnes imported last year.

The 2021 exports in January were US\$ 8,74 million, with volumes total at 2,258.77 tonnes. February were US\$ 9.19 million, 2,202.12 tonnes, ending March with US\$ 4.4 million, 1,491.42 tonnes.

IMPORTS	Values (million)	Volumes (tonnes)
Q1 2020	US\$ 148.14	31,467.34
Q1 2021	US\$ 227.86	50,556.48
Variation	53.81%	60.66%

EXPORTS	Values (million)	Volumes (tonnes)
Q1 2020	US\$ 32.54	5,267.47
Q1 2021	US\$ 31.07	8,211.08
Variation	-4.7%	55.88%

The last Q1 2021 total exports had got revenue of US\$ 31.07 million, but 4.5% less than US\$ 32.54 milion from 2020, and volumes of 8,211.08 tonnes, a rise 56% compared with 5,267.47 tonnes from Q1 2020, a resulting from high depreciation from the real, the Brazilian currency. ♦



EU Fastener Trade Statistics during 2018-2020

Compiled by China Fastener Info

H S 7318: Screws, bolts, nuts, coach screws, screw hooks, rivets, cotters, cotter pins, washers (including spring washers) and similar articles, of iron or steel.

Import Statistics (in descending order according to import value of 2020)

Rank	Country/Region	2020		2019		2018	
		Import Value (EURO)	Import Qty (kg)	Import Value (EURO)	Import Qty (kg)	Import Value (EURO)	Import Qty (kg)
1	Mainland China	1,125,522,464	643,308,000	1,168,380,523	627,477,000	1,088,655,801	593,738,000
2	Taiwan, China	1,012,019,661	372,994,000	1,174,841,651	432,478,000	1,251,346,292	488,159,000
3	United States	474,714,942	14,441,000	636,396,331	21,630,000	594,328,326	24,574,000
4	Switzerland	362,309,737	25,202,000	405,719,967	27,919,000	443,751,590	31,691,000
5	United Kingdom	344,193,550	53,994,000	411,160,823	61,535,000	423,492,226	56,237,000
6	Turkey	250,080,077	78,750,000	284,024,718	88,925,000	290,545,503	90,216,000
7	Vietnam	193,733,861	99,350,000	218,214,621	109,214,000	238,751,128	127,737,000
8	India	187,326,930	67,619,000	238,512,894	83,369,000	235,943,819	86,439,000
9	Japan	150,375,027	18,479,000	184,605,372	23,609,000	181,201,861	23,978,000
10	South Korea	145,400,879	30,657,000	168,691,038	38,668,000	171,713,742	41,602,000
11	Liechtenstein	89,922,252	12,632,000	86,521,652	12,048,000	85,939,275	12,294,000
12	Thailand	69,200,527	42,789,000	88,191,508	51,025,000	109,266,329	64,745,000
13	Malaysia	64,851,990	32,312,000	82,316,019	39,815,000	89,862,636	44,888,000
14	Bosnia and Herzegovina	32,678,739	12,773,000	39,473,823	15,713,000	36,531,685	14,331,000
15	Indonesia	32,403,812	8,412,000	30,486,851	7,778,000	34,419,704	8,793,000
16	Norway	29,664,671	8,802,000	37,905,990	11,987,000	35,802,647	12,269,000
17	Canada	19,680,317	1,657,000	24,120,839	1,584,000	26,473,612	2,099,000
18	Serbia	13,281,784	7,966,000	16,998,764	10,063,000	22,596,271	12,106,000
19	Philippines	13,157,134	3,693,000	18,583,734	5,061,000	26,638,433	7,807,000
20	Russia	11,419,184	4,119,000	15,739,568	6,472,000	12,760,283	3,757,000
Worldwide		4,700,036,552	1,557,874,000	5,422,968,139	1,693,748,000	5,493,751,450	1,767,718,000



Export Statistics
(in descending order according to export value of 2020)

Rank	Country/Region	2020		2019		2018	
		Export Value (EURO)	Export Qty (kg)	Export Value (EURO)	Export Qty (kg)	Export Value (EURO)	Export Qty (kg)
1	Mainland China	856,043,165	96,210,000	789,440,622	88,210,000	852,507,445	102,848,000
2	United States	734,982,987	78,975,000	868,358,078	86,993,000	752,016,334	81,649,000
3	United Kingdom	463,430,770	70,968,000	578,257,898	89,669,000	606,392,198	96,072,000
4	Switzerland	276,452,072	36,575,000	303,739,756	38,801,000	318,581,399	42,813,000
5	Russia	202,029,350	34,862,000	212,655,172	36,604,000	207,264,751	36,980,000
6	Mexico	192,221,934	27,553,000	231,938,408	31,689,000	219,684,638	30,614,000
7	Turkey	190,414,205	29,714,000	206,124,744	32,579,000	218,943,739	35,376,000
8	Brazil	146,197,436	22,455,000	171,550,631	28,050,000	174,539,515	30,996,000
9	Norway	122,531,532	21,236,000	137,561,007	24,449,000	122,231,762	22,653,000
10	India	99,656,642	13,161,000	129,333,731	17,677,000	151,635,700	22,898,000
11	Morocco	78,469,745	9,789,000	92,143,851	9,976,000	74,721,559	9,518,000
12	Liechtenstein	63,211,337	11,406,000	65,124,488	12,032,000	68,200,481	12,587,000
13	South Korea	59,590,106	4,336,000	50,743,869	3,165,000	50,486,489	3,300,000
14	South Africa	54,330,548	8,490,000	76,059,018	13,254,000	73,747,841	12,333,000
15	Australia	50,612,101	4,766,000	48,403,246	4,752,000	50,745,978	5,481,000
16	Japan	46,914,458	2,689,000	50,207,823	3,176,000	51,691,773	3,009,000
17	Canada	45,905,627	3,057,000	61,978,226	5,202,000	53,300,734	4,276,000
18	Ukraine	41,261,116	11,791,000	38,152,226	9,453,000	30,028,755	7,294,000
19	Singapore	40,773,041	1,543,000	44,956,246	1,465,000	44,523,549	1,905,000
20	United Arab Emirates	37,045,072	4,646,000	42,942,609	4,330,000	40,588,408	4,168,000
Worldwide		4,318,255,718	563,124,000	4,806,440,539	618,809,000	4,754,715,370	645,097,000





Australian Fasteners Import & Export Values during 2016-2020

Compiled by China Fastener Info

Australian Fasteners Export Values (Unit: US Dollar thousand)

Source: ITC

Importers	Exported value in 2016	Exported value in 2017	Exported value in 2018	Exported value in 2019	Exported value in 2020
Total	105286	108313	136588	132073	109224
Indonesia	49674	38522	59495	45258	25160
New Zealand	14725	16340	16229	21213	22003
United States of America	6113	6321	13629	16304	15947
Mainland China	2209	4023	3646	5562	8754
Papua New Guinea	5090	6485	6339	6559	5732
Ghana	654	1326	1229	3901	3478
Malaysia	857	1005	884	771	3364
Taiwan, China	797	1221	1432	1385	2455
India	311	235	1662	3194	1975
Singapore	2803	2846	2000	2072	1783
Thailand	2770	2413	2512	2483	1558
New Caledonia	863	971	863	1750	1451
Botswana	3	0	0	358	1319
Spain	94	17	167	56	914
Germany	407	2377	893	623	894
South Africa	1471	721	701	1249	860
Fiji	1959	2262	1269	1145	799
Panama	270	978	814	337	770
France	175	305	1167	1950	728



Australian Fasteners Import Values
(Unit: US Dollar thousand)

Source: ITC

Exporters	Imported value in 2016	Imported value in 2017	Imported value in 2018	Imported value in 2019	Imported value in 2020
Total	419839	521748	585959	567114	534056
Mainland China	142493	194495	240723	233592	222019
United States of America	82857	98360	92596	96316	85076
Taiwan, China	78334	80611	95880	83551	84885
Germany	21643	24971	33717	32409	28651
Italy	11405	16744	18774	17035	18317
Japan	20536	18717	16215	18984	15984
United Kingdom	9889	11747	12895	10742	10030
France	6520	6255	7914	7904	7122
India	4011	6881	7773	8141	6754
South Korea	6714	6745	4316	4898	5916
Vietnam	2611	3283	4416	4118	5119
Sweden	2731	3529	3810	4435	4571
South Africa	644	3132	2487	3889	3855
Canada	2653	3493	3269	3822	3134
Switzerland	1605	3181	3722	3497	3113
Indonesia	1669	6742	2859	2495	2915
Malaysia	3199	2796	2784	2551	2660
Thailand	3120	3039	3063	3300	2395
France	175	305	1167	1950	728
Spain	1089	2130	2626	1739	2253



Fastener Market in Russia

Compiled by China Fastener Info

List of Fasteners Imported By Russian Federation (Unit: US Dollar thousand)

Source: ITC

Exporters	Imported value in 2018	Imported value in 2019	Imported value in 2020
Total	855,206	896,034	827,392
Mainland China	339,149	368,536	346,802
Germany	106,017	93,099	87,779
Taiwan, China	53,251	51,965	48,842
Belarus	41,746	45,781	46,755
Italy	39,363	40,596	39,739
France	38,977	42,038	32,670
USA	27,872	31,033	27,526
Japan	34,985	38,475	27,164
South Korea	28,837	28,609	23,050
Turkey	14,296	15,167	16,548
UK	9,377	10,820	12,692
Czech	7,301	9,118	12,321
Poland	11,756	11,368	11,698
Switzerland	10,967	10,321	10,283
India	8,396	8,971	10,072
Finland	5,518	7,421	8,306
Spain	7,676	9,702	8,091
Sweden	5,608	6,101	6,284
Denmark	1,440	4,642	5,643

List of Fasteners Exported By Russian Federation (Unit: US Dollar thousand)

Source: ITC

Importers	Exported value in 2018	Exported value in 2019	Exported value in 2020
Total	94,407	95,362	91,754
Kazakhstan	22,635	24,346	23,904
Belarus	23,493	21,257	20,161
Uzbekistan	4,351	5,170	6,489
India	4,895	5,434	6,064
Germany	6,511	6,485	5,786
Ukraine	6,718	4,781	4,178
France	3,236	3,346	2,718
China	1,856	2,530	2,422
Armenia	529	896	1,360
Turkey	88	448	1,290
Latvia	230	438	1,289
Austria	1,407	1,426	1,168
Lithuania	720	955	1,116
Sweden	930	1,790	1,018
Poland	863	2,552	979
Azerbaijan	1,406	1,003	938
Bangladesh	107	429	933
Estonia	346	410	672
Kyrgyzstan	500	650	642

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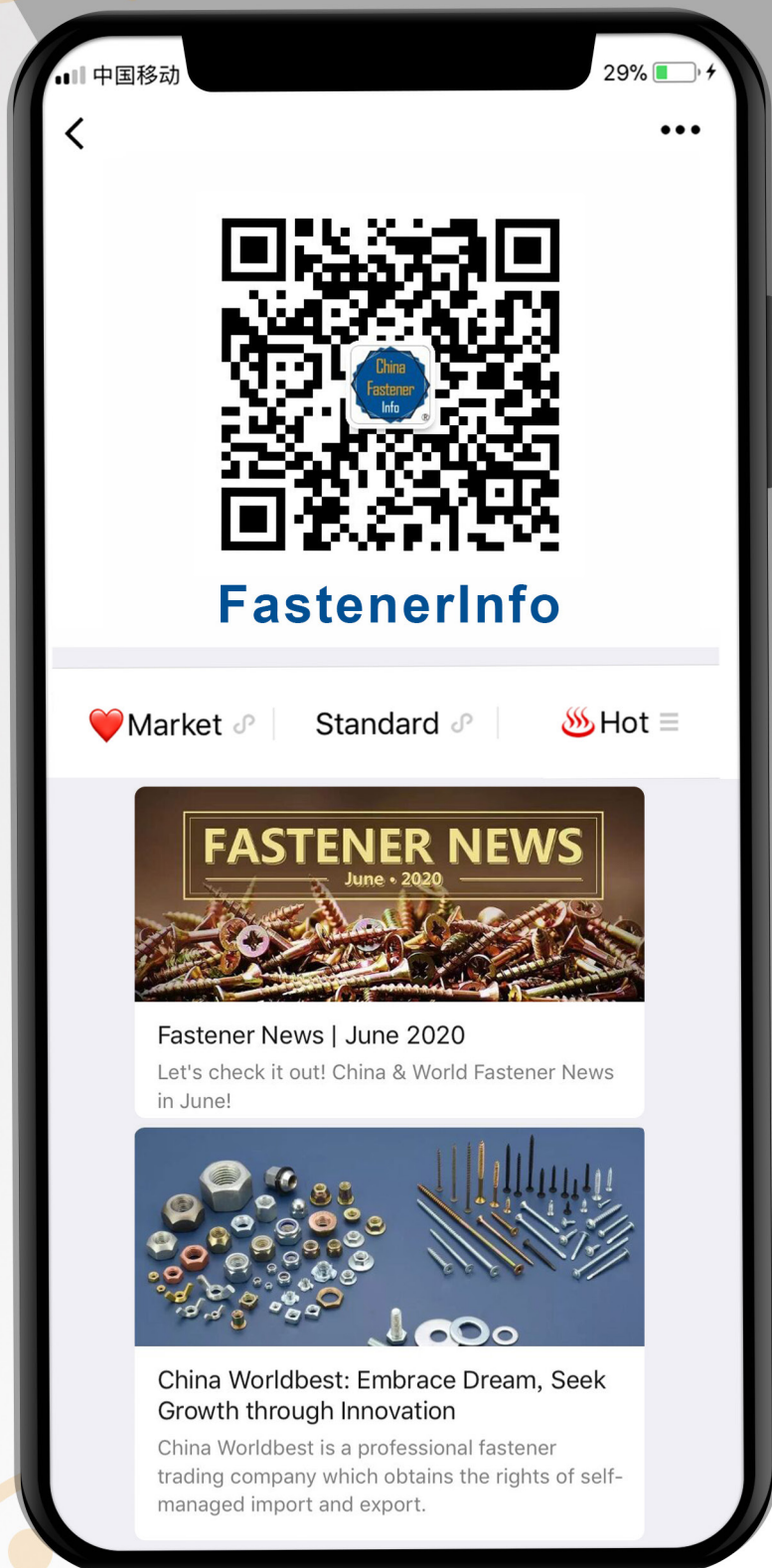
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