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# Show Catalog



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# China Fastener Directory 2018















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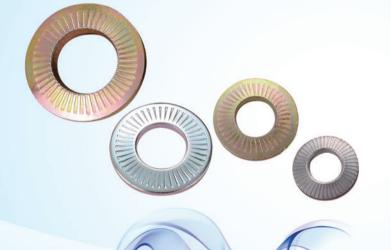


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Issue 23 September 2018 **Publisher** China Fastener Info

Editor Alice HU

Karen IUO Jane DENG

**Advertising Manager** Betty ZENG

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#### Golden Spider Network Co., Ltd.

Rm 721-722, Office Building C3, Baiyun Wanda Plaza,

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E-mail: info@jzzfastener.net

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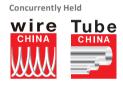






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## China Fastener Info(CFI)

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Guangzhou 510420, P.R.China

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# Shanghai Electric Cable Research Institute Co., Ltd.(SECRI)

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# Official Publications



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# 上海紧固件与技术展会刊 Show Catalog

## Date

September 26-29, 2018

# **Opening Hours**

2018.9.26-28 09:00—17:00 2018.9.29 09:00—16:00

## Venue

Shanghai New International Expo Center (SNIEC), Hall E4 Add: No.2345, Longyang Road, Pudong New Area, Shanghai, China

# **Concurrent Events**

Venue: (Booth No.E4G50) G50 Forum Zone, Hall E4, SNIEC

# · New Ecology, Industrial Chain Cooperation Conference of JINSHANG9.COM

Date: 14:00-16:00, September 26, 2018

Time	Торіс	Speaker
14:00—16:00	New Ecology, New Concept, New Service	Zhang Songfei, Deputy General Manager, Jin Shang Technology Co., Ltd.

# · 2018 Automotive New Technology & Fastener Application Forum

Date: 10:00-16:00, September 27, 2018

Time	Торіс	Speaker	
10:00—10:30	Fastening Technology of New Energy Vehicles	Jiao Junhua, General Manager, Dongfeng Motor Fasteners Co., Ltd.	
10:30—10:40	Application of Friction Coefficient of Fasteners in Practice	Ren Pengbo, Vice Chief Engineer, Zhejiang New Oriental Auto Parts Co., Ltd.	
10:40—11:10	Discussion		

Time	Торіс	Speaker
11:10—11:20	Five New Trends of Automotive Fasteners in New Epoch – Impacts of New Energy, New Materials, new applications, new technologies and new business on vehicle fasteners	Zheng Wenzheng, Chairman, Beijing Taagoo Technology Co., Ltd.
11:20—11:50	Discussi	on & Conclusion
14: 00—14: 40	Challenges & Opportunities of China's Automotive Industry	Li Baokun, Editor in Chief, Newtechday
14: 40—15:20	Fastener New Application in Automotive Industry	Zhou Ya, Senior Engineer, Dongfeng Automotive Industry Group
15:20—16:00	Outlook on Electric Vehicles Industry Chain	ТВС

# $\cdot$ 2018 Face2face Meeting for Fastener Experts and Members

Date: 10:00-12:00, September 28, 2018

Time	Торіс	Speaker
10:00—10:30	Application of Heat-Resistant Steel and High Temperature Alloy Performance to Fastener Industry	Yan Zhenzhong, Consultant of China Fastener Info
10:30—11:00	European and American Fastener Standards Update	Ren Chibing, Consultant of China Fastener Info
11:00—11:30	Current Application and Development of Fasteners for Rail Transit Vehicles	Zhang Xianming, Consultant of China Fastener Info
11:30—12:00	Today and Tomorrow of Fastener Industry	Meng Wugong, Consultant of China Fastener Info

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E4B22	HANDAN TONGHE FASTENER MANUFACTURE CO., LTD.  Tel: +86-310-6991968  Fax: +86-310-6732736  Email: tiantangniao2007@yeah.net  Website: http://hdtonghe.com/	E4E45	INTERNATIONAL FASTENER MAGAZINE Tel: +86-10-52839088 Fax: +86-10-61400721

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E4B23	JAGULAR INDUSTRY LTD. Tel: +886-4-2534-7465 Fax: +886-4-2534-0191 Email: jagura@ms17.hinet.net Website: www.jaguraweb.com	E4B37	JIASHAN BAITE METAL PRODUCT FACTORY Tel: +86-573-84896688 Fax: +86-573-84895739 Email: jshaoxiang@163.com Website: http://57870v.chinafastener.biz
E4C19	JESENTECH GROUP CORPORATION Tel: +86-755-27928697 Fax: +86-755-27928690 Email: star@jinshengtai.net Website: www.jinshengtai.com.cn	E4F11	JIASHAN BAO TUO MACHINERY EQUIPMENT CO., LTD.  Tel: +86-573-84775028  Fax: +86-573-84775028  Email: jsbaotuo@163.com  Website: www.jsbaotuo.com
E4B16	JIANGSU BAIDE SPECIAL ALLOY CO., LTD.  Tel: +86-515-85516555  Fax: +86-515-85917698  Email: sales@jsbdalloy.com  Website: www.jsbdalloy.com	E4B40	JIASHAN CAGE FASTENER MANUFACTURING CO., LTD.  Tel: +86-573-84183628  Fax: +86-573-84187030  Email: jch@jskaijie.com  Website: http://59879v.chinafastener.biz
E4D5	JIANGSU WASHEN FASTENER MANUFACTURE CO., LTD.  Tel: +86-523-80237002 Fax: +86-523-80237111 Email: sales@washen-rivet.com Website: http://washen-rivet.com	E4B11	JIASHAN CHAOYI FASTENER CO.,LTD.  Tel: +86-573-84779668  Fax: +86-573-84779669  Email: w_qiang606@163.com, wq@cyluosi.com  Website: www.cyluosi.com
E4A5	JIANGXI BAI SHENG HARDWARE CO., LTD.  Tel: +86-577-86679326  Fax: +86-577-86009690  Email: jiangxihongzhan@126.com  Website: http://11960v.chinafastener.biz	E4V2	JIASHAN DONGHE MACHINERY EQUIPMENT CO., LTD.  Tel: +86-573-84814579  Fax: +86-573-84814573  Email: leitp@donghejx.com  Website: www.donghejx.com
E4A5	JIANGXI HONG ZHAN FASTENER CO., LTD.  Tel: +86-577-86679326  Fax: +86-577-86009690  Email: jiangxihongzhan@126.com  Website: http://11960v.chinafastener.biz	E4B32	JIASHAN EAST-UNITED HARDWARE AND PLASTIC CO., LTD.  Tel: +86-573-84262618  Fax: +86-573-84263301  Email: donglianwujing@163.com
E4D45	JIANGXI KINGWE & YEALY FASTENER CO., LTD. Tel: +86-793-6726885 Fax: +86-793-6726889 Email: jingweils@hotmail.com Website: http://49108.chinafastener.biz		Website: www.92394.chinafastener.biz

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E4B30	JIASHAN GIANT IMP. & EXP. TRADE CO., LTD. Tel: +86-573-84860338 Fax: +86-573-84860337 Email: js-giant@hotmail.com Website: www.js-giant.com	E4A6	JIASHAN XINYAN HARDWARE PRODUCT FACTORY Tel: +86-573-84585548 Fax: +86-573-84584130 Email: web@jsxinyan.com Website: www.jsxinyan.com
E4B42	JIASHAN JUWEI FASTENER CO., LTD.  Tel: +86-573-84161015  Fax: +86-573-84162690  Email: yyyjwyd@163.com  Website: http://99615v.chinafastener.biz	E4A42	JIASHAN XUEYU METAL CO., LTD.  Tel: +86-573-84869883  Fax: +86-573-84865577  Email: js-vincent@foxmail.com  Website: www.xueyu.chinafastener.com
E4C37	JIASHAN JUXIN FASTENER CO., LTD.  Tel: +86-573-84893000  Fax: +86-573-84896718  Email: 453141341@qq.com  Website: https://jsyhjszp.1688.com	E4C27	JIASHAN YONGXIN FASTENER CO., LTD. Tel: +86-573-84896996 Fax: +86-573-84898022 Email: jiashanyongxin@163.com Website: www.yxfastener.com
E4B38	JIASHAN LIANCHUANG PLASTIC & HARDWARE FACTORY  Tel: +86-573-84185293  Fax: +86-573-84185882  Email: caiying@lianchuangnails.com  Website: www.lianchuangnails.com	E4G22	JIASHAN ZHANLAN ENVIRONMENTAL PROTECTION EQUIPMENT CO.,LTD.  Tel: +86-573-84126813  Fax: +86-573-84126813  Email: 648368513@qq.com  Website: www.jszhanlanhb.com
E4A38	JIASHAN SANYUNG ELECTRIC FURNACE INDUSTRY CO., LTD.  Tel: +86-573-84184395  Fax: +86-573-84184317  Email: jsy@sanyung.com  Website: www.sanyung.com	E4B39	JIASHAN ZHONGHAI AUTO PARTS CO., LTD. Tel: +86-573-84585706 Fax: +86-573-84026063 Email: 626029589@qq.com Website: http://www.81096.chinafastener.biz
E4A40	JIASHAN TENGYUAN METAL PRODUCTS CO., LTD. Tel: +86-573-84868512 Fax: +86-573-84866939 Email: pm1973@163.com Website: www.xj-jx.cn	E4C31	JIASHAN ZHONGXIANG HARDWARE PRODUCT FACTORY  Tel: +86-573-84567120  Fax: +86-573-84616708  Email: 3121625043@qq.com  Website: https://zhongxiang3.1688.com
E4B34	JIASHAN XIAOJIA METAL PRODUCTS CO., LTD. Tel: +86-573-84867187 Fax: +86-573-84867081 Email: sales@jsxiaojia.com Website: www.jsxiaojia.com	E4C39/ E4C41	JIAXING CHANNOV CO.,LTD.  Tel: +86-583-84297069  Fax: +86-573-85210684  Email: andy@channovprecision.com  Website: www.channovprecision.com

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E4D42	JIAXING CHINAFAR STANDARD PARTS CO.,LTD.  Tel: +86-573-85931888  Fax: +86-573-85531931  Email: jarod_shi@163.com  Website: http://www.chinafar.cn	E4B26	JIAXING XINGXIN STANDARD HEAT TREATMENT CO., LTD. JIAXING XINGXIN TRADE CO., LTD. Tel: +86-573-86058220 Fax: +86-573-86058221 Email: allen@jx-xingxin.com Website: www.95027.chinafastener.biz
E4E35	JIAXING GOODWAY HARDWARE  Tel: +86-573-82765508  Fax: +86-573-82765509  Email: jackchang@goodway-hardware.com  Website: www.goodway-hardware.com	E4D1	JIN SHANG TECHNOLOGY CO., LTD. Tel: +86-571-57173777, 4001002897 Fax: +86-571-83693829 Email: XS@jinshang9.com Website: www.jinshang9.com
E4F7	JIAXING JIN CHI INDUSTRIAL FURNACE CO., LTD. Tel: +86-13616830468 Fax: +86-573-84036111 Email: jxjcgyl@163.com Website: www.jxjcgyl.com	E4G24	JZUH TSE NEWTESTING (SHANGHAI) CORP. Tel: +86-21-35310721 Fax: +86-21-35310708 Email: jzuhtse@163.com Website: www.jzuhtse.cn
E4A13	JIAXING REEGU HARDWARE PRODUCT CO.,LTD.  Tel: +86-573-86825888  Fax: +86-573-86861698  Email: 1692643651@qq.com  Website: http://99588v.chinafastener.biz	E4E46	KUNSHAN FENGYA ENVIRONMENTAL PROTECTION EQUIPMENT CO., LTD. Tel: +86-512-57777652 Fax: +86-512-57777651 Email: ksfyhb@163.com Website: www.fy-hb.com
E4V1	JIAXING SANMAI IMPORT AND EXPORT CO.,LTD.  Tel: +86-573-84806666  Fax: +86-573-84806888  Email: Andynee@sanlinmetals.com  Website: www.sanlinmetals.com	E4B46	KUNSHAN XINWEI PRECISE METAL CO., LTD.  Tel: +86-512-57498688  Fax: +86-512-57498686  Email: sales.cn@patta.com  Website: www.patta.com.cn
E4C33	JIAXING XC WASHER CO., LTD.  Tel: +86-573-84956182  Fax: +86-573-84584363  Email: xcwasher@xcwasher.com  Website: www.xcwasher.com	E4E44	LIAOCHENG REED MACHINERY FITTINGS FACTORY Tel: +86-635-8635776 Fax: +86-635-8635776 Email: 990613657@qq.com
		E4B47	LIAOCHENG XUANHUI MACHINE PARTS CO., LTD. Tel: +86-635-6976782 Fax: +86-635-8321782 Email: lcxhjx2008@163.com Website: www.lcxh123.com

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E4A7	METAL IMPROVEMENT COMPANY Tel: +86-13501775954 Fax: +86-512-62722598 Email: wizard.zhao@cwst.com Website: http://57758v.chinafastener.biz	E4F45	NINGBO SUNRISE FASTENER CO., LTD. Tel: +86-574-88451543 Fax: +86-574-88098309 Email: risheng@risheng-cn.com Website: www.risheng-cn.com
E4A9	METINS MACHINERY TRADING CO., LTD.  Tel: +86-22-24838458  Fax: +86-22-24838458  Email: sara@metins.com.cn  Website: www.metins-hardware.com	E4A19	NINGBO XUEYIN ALUMINUM INDUSTRY CO., LTD. Tel: +86-574-65179889 Fax: +86-574-65179888 Email: 2277684984@qq.com, webmaster@chinaxueyin.com Website: http://19726v.chinafastener.biz
E4C34	NATIONAL FASTENER STANDARDIZATION TECHNICAL COMMITTEE Tel: +86-10-88301031 Email: chenyanling@pcmi.com.cn,	E4E1	NINGBO YUANCHUANG MACHINERY CO., LTD. Tel: +86-574-87321833, 87321723 Fax: +86-574-87321933 Email: xcbin@hotmail.com
E4F41	NEWTECHDAY MEDIA CHINA Tel: +86-21-54362186 Fax: +86-21-64041979 Email: china@ishipoffshore.com Website: www.ishipoffshore.com	E4A48	Website: www.nbfarc.com  PIN SEN ENTERPRISE CO., LTD. Tel: +886-7-697-0800
E4G37	NINGBO BEILUN CONGFENG MACHINERY CO., LTD.		Fax: +886-7-697-6989 Email: pinsen2010@yahoo.com.tw Website: http://94750v.chinafastener.biz
	Tel: +86-574-86907006  Fax: +86-574-86900620  Email: 3433501749@qq.com  Website: http://24606v.chinafastener.biz	E4D40	PINGHU CHENBIAO FASTENER CO., LTD.  Tel: +86-13586340433  Fax: +86-573-85761989  Email: 514850226@qq.com  Website: http://53157v.chinafastener.biz
E4A36	NINGBO ECHO FASTENER FACTORY Tel: +86-574-87573686, 86297378 Fax: +86-574-86297377 Email: ales@echofasteners.com Website: http://99491v.chinafastener.biz	E4D38	PINGHU CITY KANGCHENGDA FASTENER CO., LTD. Tel: +86-573-85636788 Fax: +86-573-85636787 Email: xkhu188@163.com
E4D47	NINGBO FENGHUA LINGQI CO., LTD.  Tel: +86-574-88545835  Fax: +86-574-88657198  Email: qingqi.zhang@nbrygs.com  Website: http://53316v.chinafastener.biz		Website: www.kcdwasher.com

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E4D46	PINGHU CITY XINMIAO HARDWARE FACTORY Tel: +86-573-85706037 Fax: +86-573-85706034 Email: lupeifang@phxmwj.com Website: www.phxmwj.com	E4E48	RUIAN ZHUFENG STANDARD PARTS CO.,LTD. Tel: +86-577-65365630 Fax: +86-577-65393630 Email: zf90000@126.com Website: www.cn-washer.com
E4E39	PINGHU OTEBAY HARDWARE PRODUCT CO., LTD. Tel: +86-573-85926877 Fax: +86-573-85926876 Email: otebay@126.com Website: www.39328.chinafastener.biz	E4A10	RUIFU AUTO PARTS CO., LTD.  Tel: +86-535-2759001  Fax: +86-535-2759001  Email: sdrfgs@163.com  Website: www.101098.chinafastener.biz
E4E37	PINGHU RENJI STANDARD PARTS CO., LTD. Tel: +86-573-85829830 Fax: +86-573-85829829 Email: phrenji@126.com Website: http://52168v.chinafastener.biz	E4F38	RUIHAO MOULD FACTORY Tel: +86-577-65368909 Fax: +86-577-65041816 Email: cwqtc1@qq.com Website: http://ruianbm.luosi.com
E4D37	RUIAN CITY XINTAI FASTENER CO., LTD. Tel: +86-577-65350012 Fax: +86-577-65366030 Email: xtjgj@126.com Website: www.xtjgj.com	E4C47	RUIRI R-WASHER Tel: +86-13221855927 Fax: +86-577-89736885 Email: XW.Hsu@foxmail.com Website: http://99997v.chinafastener.biz
E4A8	RUIAN JINGRUI FASTENER CO., LTD.  Tel: +86-577-65268368  Fax: +86-577-65279819  Email: fq0427@163.com  Website: http://54006v.chinafastener.biz	E4F37	SHANGHAI BAIROE TEST INSTRUMENT CO., LTD.  Tel: +86-21-38181266  Fax: +86-21-38181268  Email: info@bairoe.com  Website: www.bairoe.com
E4C21	RUI'AN LIPENG METAL PRODUCTS CO., LTD.  Tel: +86-577-65273399  Fax: +86-577-65273738  Email: jiabanluomu@126.com  Website: http://54447v.chinafastener.biz	E4C15	SHANGHAI DESTRON AIR TOOLS MANUFACTURE CO., LTD. Tel: +86-13952691349 Fax: +86-523-84895837 Email: 258088346@qq.com Website: www.wpqidong.com
E4C47	RUIAN ZHONGHAI STANDARD PARTS FACTORY Tel: +86-577-65365172, +86-13705786268, +86-13506571680 Fax: +86-577-65365578 Email: 1053156672@qq.com Website: http://93450v.chinafastener.biz	E4E47	SHANGHAI DONGLUO INDUSTRIAL CO., LTD.  Tel: +86-21-66517780  Fax: +86-21-66517087  Email: 2530306988@qq.com  Website: www.shdongluo.com

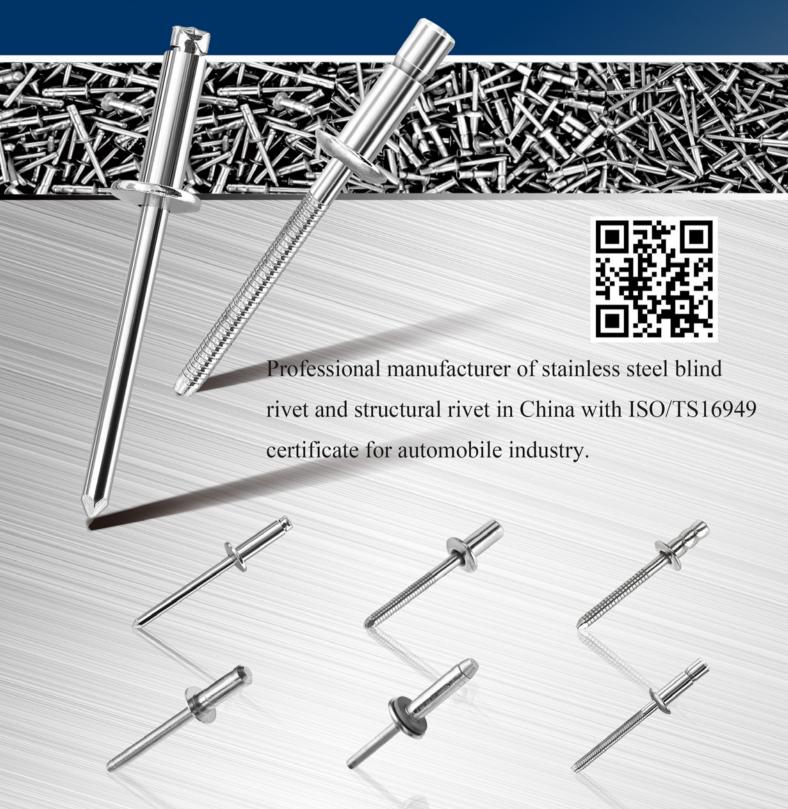
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E4E47	SHANGHAI JUHONG INDUSTRIAL CO., LTD.  Tel: +86-21-39981091  Fax: +86-21-69955016  Email: 13381927688@163.com  Website: http://82995v.chinafastener.biz	E4A30	SHENZHEN FASTENER INDUSTRY ASSOCIATION Tel: +86-755-89635985 Fax: +86-755-89634425 Email: 1057790038@qq.com Website: www.sz-jguj.com
E4G4	SHANGHAI QIYUN MACHINERY CO., LTD. Tel: +86-17730324332 Email: 352224014@qq.com Website: www.qirunjx.com	E4A3	SHENZHEN YIXING STANDARD COMPONENT CO., LTD.  Tel: +86-755-27080096  Fax: +86-755-29896167  Email: szsyixing@163.com
E4D43	SHANGHAI SUNRISE FASTENERS CO., LTD.  Tel: +86-21-65792462  Fax: +86-21-65794843  Email: sunrisesh@263.net  Website: www.sunrisesh.com	E4E44	Website: www.szyxbzj.com.cn  SHTAOFENG Tel: +86-21-58239426
E4F20	SHANGHAI UAZNC PRECISION TECHNOLOGY CO., LTD. Tel: +86-21-57769095		Fax: +86-21-58239178 Email: shtaofeng@163.com Website: www.shtaofeng.com
	Fax: +86-21-37720826 Email: uaznc@uaznc.com Website: www.uaznc.com	E4A27	SICHUAN TEJU NEW MATERIAL TECHNOLOGY CO., LTD. Tel: +86-18380372341 Fax: +86-28-83033546 Email: 18380372341@163.com
E4D44	SHANGHAI ZHUJIN STANDARD PARTS CO., LTD. Tel: +86-21-69178952 Fax: +86-21-69178925	E4G1	Website: http://101093v.chinafastener.biz  SIJIN INTELLIGENT FORMING MACHINERY
	Email: 2668593226@qq.com Website: http://23673v.chinafastener.biz		CO., LTD. Tel: +86-574-88352799 Fax: +86-574-88352516 Email: sijin@sijin.cc
E4D41	SHANGHAI ZINC FU CHEMICAL CO., LTD.  Tel: +86-512-63402118  Fax: +86-512-63402118  Email: Zhanglimin2104@163.com	E4C24	Website: www.sijin.cc  STROJIRENSKY ZKUSEBNI USTAV S.P.
E4G10	Website: http://99014v.chinafastener.biz  SHAOXING THYSSEN ENVIRONMENTAL		SHANGHAI OFFICE  Tel: +86-21-62563300 Ext:8703, +86-15021904723  Fax: +86-21-62563977  Empil: Atoms Thoms@quee.ep
	EQUIPMENT CO., LTD.  Tel: +86-575-82119088  Fax: +86-575-82119087  Email: disenhj@163.com  Website: www.thyssenes.com		Email: Atong.zhang@ouce.cn Website: www.oucegroup.com

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E4E15	SUMON INDUSTRIAL (JIA SHAN) CO., LTD. Tel: +86-573-84631999 Fax: +86-573-84631898 Email: sumonco@vip.163.com Website: www.sumon.com.cn	E4B25	VODAFAST INDUSTRIAL LIMITED  Tel: +86-573-84077479  Fax: +86-573-84077489  Email: sales@vodafast.com  Website: www.vodafast.com
E4B15	SUZHOU QIHANG STAINLESS STEEL PRODUCTS CO., LTD. Tel: +86-512-69581105 Fax: +86-512-69581116 Email: 2881652206@qq.com Website: www.qhsswire.com	E4F23	WENZHOU FASTENER INDUSTRY ASSOCIATION Tel: +86-577-86668958 Fax: +86-577-86668959 Email: 50743956@qq.com Website: www.wz-fasteners.com
E4G11	TAISHIN HARDWARE LIMITED  Tel: +86-769-83031296  Fax: +86-769-83031396  Email: taixinwujin2005@163.com  Website: www.datouji8.com, www.taishin.net.cn	E4D15	ZHEJIANG FENGDI METAL TECHNOLOGY CO., LTD. Tel: +86-573-86453588 Email: wzfdjgj@163.com Website: http://23796v.chinafastener.biz
E4B29, E4B31	TAIZHOU FENGYE METAL PRODUCTS CO., LTD. Tel: +86-523-86336500 Fax: +86-523-86336500 Email: postmaster@fyhandware.com Website: www.fyhandware.com	E4C32	WENZHOU JIANZI FASTENERS CO., LTD. Tel: +86-577-86086707 Fax: +86-577-86763297 Email: chat@jz0577.com Website: www.jz0577.com
E4F16	TAIZHOU KAIYUE INSTRUMENT CO., LTD.  Tel: +86-576-86133583 Fax: +86-576-86133583  Email: 3453887323@qq.com  Website: http://100783v.chinafastener.biz	E4B19	WENZHOU SANCHENG STAINLESS STEEL STANDARD PARTS CO., LTD. Tel: +86-577-86636933 Fax: +86-577-86637628
E4B33	TECYUN STAINLESS STEEL RIGGING Tel: +86-523-83886162 Fax: +86-523-83886182 Email: leepou@126.com Website: www.tecyuan.com	E4E33	WENZHOU XINZHONG FASTENER CO., LTD.  Tel: +86-577-86528860, +86-13867719528  Fax: +86-577-86528860  Email: yybcenter@qq.com  Website: http://93724v.chinafastener.biz
E4A25	TIANJIN SHUREN METAL PRODUCTS CO., LTD. Tel: +86-22-68276182 Fax: +86-22-68276182 Email: yilintiansheng@163.com Website: https://shop1482080187015.1688.com	E4D34	WENZHOU YI FAN AUTO PARTS CO., LTD. Tel: +86-13819706791 Fax: +86-577-86793369 Email: 1573668621@qq.com Website: http://99776v.chinafastener.biz

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E4D37	WENZHOU ZHONGYANG HARDWARE TOOLS CO., LTD. Tel: +86-577-85311802 Fax: +86-577-8531989 Email: 503656933@qq.com Website: http://52883v.chinafastener.biz	E4D39	YANTAI JAILOONE ENVIRONMENTAL TECHNOLOGY CO., LTD. Tel: +86-13589799011 Fax: +86-535-8019332 Email: winpeng111@163.com Website: www.97894.chinafastener.biz
E4E42	WORLDWIDE SPRING NETWORK  Tel: +86-571-64643567/64643568  Fax: +86-571-64643570  Email: hqwedit@foxmail.com  Website: www.hqthw.com	E4B47	YUYAO BIAOER INDUSTRY & TRADE CO., LTD.  Tel: +86-574-62003860  Fax: +86-574-62003980  Email: ruanlifei@biaoer.com  Website: www.biaoer.com
E4C11	WUXI ANSHIDA HARDWARE CO., LTD.  Tel: +86-510-88762491  Fax: +86-510-88763742  Email: sales@anshida.com  Website: www.anshida.com	E4D19	YUYAO XINTAI HARDWARE CO., LTD.  Tel: +86-574-62021696  Fax: +86-574-62020898  Email: office@xtanchor.com  Website: www.xtanchor.com
E4A29	WUXI JINYIBO INSTRUMENT TECHNOLOGY CO., LTD. Tel: +86-510-83209128, +86-18806185822 Fax: +86-510-83211806 Email: wxssp@163.com Website: www.jinyibo.cn, www.jinyibo.com	E4C6	ZHEJIANG CHAOBOER HARDWARE CO., LTD. Tel: +86-573-86408368 Fax: +86-573-86408123 Email: chaoboerfastener@126.com Website: www.cbefastener.com
E4A11	WUXI S-FIX FASTENER CO., LTD.  Tel: +86-510-83105764  Fax: +86-510-83110808  Email: sales@s-fix.com  Website: www.s-fix.com	E4A20	ZHEJIANG CHUANGXIN STANDARD PARTS Tel: +86-577-85220196, 85232611 Fax: +86-577-85229598 Email: zjchuangxin@sina.com Website: www.zjcx-fastener.com
E4F15	WUXI WANDESHUN MACHINE CO., LTD.  Tel: +86-510-85260990  Fax: +86-510-85261990  Email: sales@wxwds.com  Website: www.wxwds.com	E4A32	ZHEJIANG GUOJIAN TESTING TECHNOLOGY CO., LTD. Tel: +86-573-86161251 Email: sungf@chinazbj.com Website: www.chinazbj.com
E4D33	XINGHUA ZHE TENG STAINLESS STEEL PRODUCT CO., LTD. Tel: +86-523-83785867 Fax: +86-523-83785817 Email: bianjiantao2008@126.com Website: www.xhztbxg.com	E4D11	ZHEJIANG SARDIS HARDWARE CO., LTD.  Tel: +86-13355841616  Fax: +86-575-82958836  Email: tony@wf-fastener.com  Website: www.sds-fastener.com

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E4B5	ZHEJIANG TOPPOINT MOTOCYCLE PARTS CO., LTD. Tel: +86-577-65201339 Fax: +86-577-65201339 Email: toppoint168@yaho Website: www.zjdingyijc.moto188.com	E4C36	DAKING INDUSTRY LIMITED  Tel: +86-755-29435386  Fax: +86-755-29435286  Email: damon@sz-daking.com  Website: www.sz-daking.com
E4E27	ZHEJIANG YESWIN MACHINERY CO., LTD. Tel: +86-573-84183777 Fax: +86-573-84184348 Email: sales@zjyeswin.com Website: www.zjyeswin.com	E4F14	DONGGUAN XIANGTIAN AUTOMATION TECHNOLOGY CO., LTD. Tel: +86-769-83798772 Fax: +86-769-82205026 Email: chinaxtkj@126.com Website: www.chinaxtauto.com
E4C45	ZHEJIANG ZHUJI HUANGSHAN ELECTRONIC NUTS FACTORY  Tel: +86-575-87091709  Fax: +86-575-87097596  Email: CEO@dianqinuts.com  Website: http://50728v.chinafastener.biz	E4C1	JIANGSU FASTENERS INDUSTRY ASSOCIATION Tel: +86-512-67575176 Fax: +86-512-67298009 Email: jsfa1688@hotmail.com Website: www.sumia.org
E4C38	ZHUJI OUYANG HARDWARE CO., LTD. Tel: +86-575-87103656 Fax: +86-575-87101700 Email: ztp@chinawingnuts.com Website: www.chinawingnuts.com	E4B2	JIANGSU WUDA HARDWARE CO., LTD. Tel: +86-523-83901613 Fax: +86-523-83785155 Email: 276840510@qq.com Website: https://shop1447347187844.1688.com
E4E29	ANJI HIGH HARDWARE PRODUCTS CO., LTD.  Tel: +86-572-5131868  Fax: +86-572-5131628  Email: 12365562@qq.com  Website: http://haorui.luosi.com	E4B4	JIANGSU XINCHENG STANDARD PARTS CO., LTD.  Tel: +86-518-86222008  Fax: +86-518-86212256  Email: 570373464@qq.com  Website: http://jsxincheng.luosi.com
E4F12	SHANGHAI XUN ENVY AUTOMATION TECHNOLOGY CO., LTD. Tel: +86-21-20919953 Fax: +86-21-20919954 Email: 3318421714@qq.com Website: www.shxxzdh.com		





Add: 2 South Gushan Road, Jingjiang, Jiangsu, China



# Dongtai Huawei Standard Component Corporation

# **One-Stop Supplier of Stainless Steel Fasteners**

Established in 1992, Dongtai Huawei Standard Component Corporation is specialized in producing and exporting stainless steel fasteners, taking the geographical advantage of Dongtai, a well-known stainless steel base in China. It has fixed assets of over 100 million yuan, covering an area of more than 80,000 square meters and employing more than 300 people.



Dongtai Huawei's fasteners of "FL" brand is manufactured by stainless steel from the leading steel mills in China and tested by advanced automatic equipment. The company strictly sticks to the ISO international quality management system and the products can be produced according to the standards of GB, ISO, DIN, ANSI, BS and JIS in materials of stainless steel and carbon steel. In addition to the standard fasteners, it also can provide special fasteners, CNC precision parts, and precision castings according to customers' requirements.

Over the past 26 years, Dongtai Huawei has developed the corporate culture of "responsible, aggressive, progressive and innovative" under the leadership of its President Mr. Liu Fulin. Armed with the market-oriented management philosophy, practical and efficient management, state-of-the-art equipment, advanced technology and scientific quality assurance system, Dongtai Huawei has built a high reputation among customers at home and abroad for its quality products and best services. Over 40 percent of its products are exported to Europe, America, Japan, South Korea, Southeast Asia and many other countries and regions.



Nowadays, the fasteners produced by Dongtai Huawei have been widely used in fields of electronic communication, electrical power, construction, ships and yachts, railway, machinery, automobiles, etc.

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

It is learned that previously Dongtai Huawei gave priority to order production: the company set certain product specifications based on customer demand. In the face of the increasingly fierce competition at home and abroad, Dongtai Huawei has taken four measures to better develop the global markets:

- 1. Participate in diversified international fastener and related exhibitions, so as to develop the potential of emerging markets.
- 2. Calculate the fastener data by means of a variety of information tools, so as to get the latest market trends and provide strong support for production and storage.
- 3. Develop e-commerce platform construction and



cooperate with B2B websites, as the integrated platform data will lay a solid foundation for brand building.

4. Dongtai Huawei always adheres to the principle of quality first, and will continue to launch multiple and comprehensive promotions.

By sharing inventory data, Dongtai Huawei achieves quick transfer of goods and abundant inventory, so that the customers' requirements can be responded immediately, which implies that Dongtai Huawei has become a one-stop supplier of stainless steel fasteners and provider of fastener solutions for customers.

#### Attach Great Importance to Quality and Innovation

"Huawei fasteners, good!" Foreign customers highly praised Dongtai Huawei when they visited the plant.

Indeed, the high recognition should be contributed to its focus on details, quality and sincerity. The quality control begins from the source to delivery inspection, which is strictly supervised by rigorous inspection standards, advanced inspection equipment, and professional inspection technicians.

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

No innovation, no survival. In recent years, Dongtai Huawei has established an R&D department to make the product development and technique process run on a "fast track". On the one hand, it simplifies the process, so that the quotations can be sped up; on the other hand, it not only strengthens the quality and technique management, but also regulates the process operations as well.

Today, Dongtai Huawei is making every effort to enhance its R&D capability. In order to offer unique and competitive products for international customers, Dongtai Huawei introduced CNC processing center in 2015, providing

precision machining parts for customers. To improve its inspection standards, the company also replaced the old apparatus by the new precise quadratic elements video measuring instrument controlled by computers. In addition, the newly introduced dozens of automatic instrument lathes have substituted the previous manual controlled instrument lathes, so that the precision and efficiency are significantly increased. For example, one worker used to operate one machine, but now one worker can handle two or three machines with ease.

#### **Combination of Internet and Manufacture**

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

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

### **Dongtai Huawei Standard Component Corporation**

Tel: +86-515-85923866, +86-515-85923919

+86-21-68753496

Fax: +86-515-85525866,

+86-21-68753596

Website: www.dthuawei.com.



http://40462v.chinafastener.info

### Sijin Intelligent Forming Machinery Co., Ltd.

Address: No.1832 Jiangnan Road, HI-TECH Park, Ningbo, Zhejiang, China, 315103

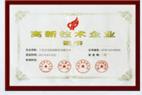
Tel: 0086-57488365336

E-mail: sijinchina@machinesijin.com





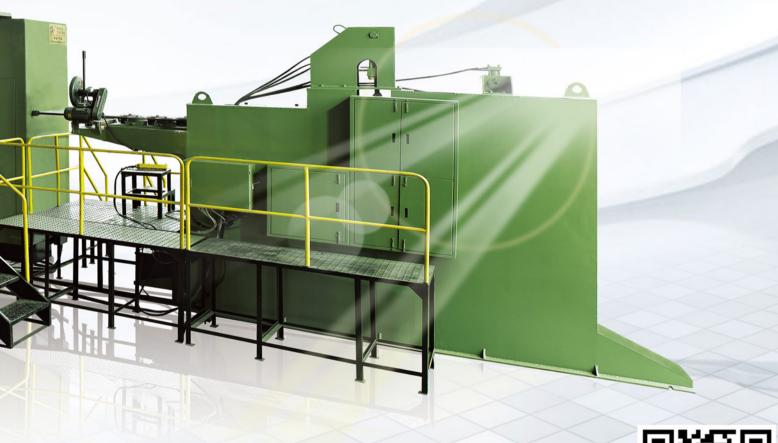








Main products: Bolt former Nut former Part former 1 die 2 blow





# Shanghai Fast-Fix: To Be the Preferred Supplier of Fastening Solutions to Automotive Industry Worldwide

Shanghai Fast-Fix Rivet Corp. has 20 years of experience in production and export of blind rivets. Nowadays, it is one of the leading manufacturers of blind rivets in China, supplying over 4,000 different sizes rivets per IFI standard, DIN7337 standard and ISO standard. Covering an area of over 25,000 square meters, Fast-Fix has an annual production capability of around 2 billion pieces. The company is also ISO/TS16949 certified, as an OEM supplier for many European manufacturers.

Currently, export market represents 80% of Fast-Fix's total sales volume. Its blind rivets are exported to the well-known manufacturers and leading distributors in Europe and North America. For domestic sales, it focuses on high-end markets, like automotive industry.

Here China Fastener Info interviews Jason Wang, general manager of Fast-Fix to learn more about the rivet innovator and the company's plans for the future.

#### It is innovation that makes us stand out!

The competitive products of Fast-Fix are top quality structural rivets. For example, CUP-FIX rivet has high shear strength and tensile strength, with multi-grip capability. One CUP-FIX type can work to replace several standard grip fasteners and simplify the stock control. It also has good hole filling and sealing capability, providing strong vibration resistant joints with a visible lock. CUP-FIX is ideal for applications such as automobiles, vehicles, ventilation, ladders and cabinets.

Previously, Fast-Fix developed some new products, including



Stainless Steel SEAL-BULB Rivets, Plastic Tri-Fold type Rivets and Dia.10mm Steel CUP-FIX Rivets. These new products have filled the domestic gaps. And recently a new optical sorting machine has arrived, which will enlarge Fast-Fix's supply capability to automotive industry.

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

Nowadays, China's fastener industry is developing very fast during the process of economic globalization.

Meanwhile, the requirement of products quality and related technologies are also much higher than before. "Simple imitation without innovation or new products development will not last long. It is innovation that makes us stand out from our competitors!" Jason noted.

#### It is perfect quality and professional service that allow us to be customers' sole supplier!

In addition to innovation, Fast-Fix also attaches great importance to quality, making sure that the quality of each size and every lot is under control, and all the products





are conformed to international standards and customer specifications. According to Jason, Fast-Fix keeps subsistent samples of every lot for at least one year, to track the products in case of any problem. PPAP is also available for customers from automotive industry. During communication with customers, Fast-Fix always does its utmost to provide prompt feedback. The employees can always send reply to customers within 24 hours.

When asked the tactics on customer maintenance, Jason was proud to say, "Many of our customers have a long-term partnership with Fast-Fix, including those which have worked with us for over 15 years. Stable high quality and smooth communication are the foundations of our long-term cooperation. One of our customers shifted from manufacturer to design provider. They nominated us as sole supplier of rivets for their design, and have introduced over 20 customers from different countries."

By supplying perfect quality and professional service, Fast-Fix is considered as one of the best manufacturers in China, especially in the field of high strength structural rivets. Today, more and more customers have nominated Fast-Fix as their sole supplier.







#### It is dream that leads us to go further!

"You have a dream, you got to protect it." Jason cannot agree with it any more. He said, "For it is dream that leads Fast-Fix to go further. Our mission is to provide professional blind fastening solutions to our customers with continuous innovation and improvement, and maximize our customers' value by supplying quality with on-time delivery and expertise. Our target is to be the preferred supplier of fastening solutions to automotive industry worldwide in the near future. I believe that if we protect our dream, we will embrace the future!"

### Shanghai Fast-Fix Rivet Corp.

Tel: +86-21-58912860

Fax: +86-21-58912793

Email: jason@rivet-china.com

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



# YuYao No. 2 Standard Fastener Factory YuYao Biaoer Trading Co., Ltd.

### A Reliable Partner For Eyebolts



Established in 1973, Yuyao No.2 Standard Fastener Factory has been committed to supplying eyebolts for over

15 years. As the pioneer and leader in making and exporting eyebolts in China, Yuyao No.2 Standard Fastener Factory has built a strong reputation both in the national and international markets.

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

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

"We encourage all our customers to audit our operations so we can be fully assessed for their quality systems and they can have first hand confidence in our capabilities. We also value their feedback in identifying possible areas of further potential improvement," Rory Ruan, general manager of Yuyao Biaoer says.

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

Biaoer also plans to reinforce its marketing strength in Europe and the US in the coming years.

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



The professional and rich experience of Yuyao Biaoer has helped the company experience an impressive development. Its commitment to quality and service has enabled itself as a reliable partner for eyebolts. In the next five years, Yuyao Biaoer plans to make further investment in the factory automation and serve its customers with shorter productive cycle and higher product quality. •

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

Add: WuCheYan, SanJiaoZhan, Yuyao, NingBo, ZheJiang Province, China

Http://www.biaoer.com

Tel: +86-574-62003777, +86-574-62003860

Fax: +86-574-62003980 Email: ruanlifei@biaoer.com MT: +86-15306621777

Attn: Mrs. Lao / Mr. Ruan









TEL: +86-769-83180318 83191319

FAX: +86-769-83193891

MAIL: dl.sales01@gd-donglong.com

WEB: http://45946v.chinafastener.info/ www.gd-donglong.com

ADD: Shuichang 4th Road, Shuikou Village, Dalang Town, Dongguan

City, Guangdong Province, 523785, China

Tel: +86-512-65029331/65029332

Fax: +86-512-65029335

MAIL: szxiangsheng@.tom.com

ADD: No.2 Gongtang Road, New District, Luzhi Town, Wuzhong District, Suzhou City, Jiangsu Province, China







机车专用紧固件制造商 Motorcycle Fastener Manufacturer

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Dongguan SHITELAO Metal products Co., Ltd.

Professional commitment to development and research of anti-loosening locking washers, providing customers with comprehensive anti-loosening washers fastening technology solutions.







4L, SN60727, VSKD, VSK and other kinds of imported materials SK5, SUS304, 316 for special machinery and industrial applications.

All products can be produced according to customer requirements. Compliant with EU's environmental standards ROHS Directive and Sony standard. Cooperating with a lot of foreign-funded enterprises. Products are exported to Germany, Italy, Europe, U.S.A. and regions for a long term. Agents are welcome to join the cooperation with SHITELAO.

LISA WU's Mobile: 18319043678

地址: 中国东莞市塘厦镇桥陇社黄麻岭花地堂1E号

1E, Huaditang, Qiaolong, Tangxia Town Dongguan, Guangdong, China

+86-769-89083477 Fax: +86-769-89083476 E-mail: szjydwj@126.com http:// www. dg-jyd. com Weixin No.: szivdwi QQ: 273256652

# TOP SUPPLIERS recommendation

In the next pages, you will find recommended namecards of "Top Supplier" in China. You can call, fax or email your inquiries directly to the companies or visit www.chinaFastenerinfo.net, click on the "Top Supplier" banner for further information. 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

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A manufacturer for SUS410 & A2 & A4 DIN7504 in China with more than 10 years expenience. Material: 304+1035/316+1035/410/A2/A4. Diameter: #6-M8. Drilling ponit: Self drilling, self tapping, Type 17. Length: 13MM to



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Website: http://33025v.chinafastener.info, www.boitoscrew.com

#### Changzhou Buddy Automotive Parts Co., Ltd.

Non-standard fasteners, special-shaped cold formed parts, rich experience in complex parts with multi-processes (cold forming+).



Tel: +86-519-83665229-8048 Fax: +86-519-83660260 Email: xxf@china-buddy.com

Website: http://47272v.chinafastener.info, www.buddv2005.com

#### Bolt Mfg. Trade Ltd. Haiyan

Hex bolts, carriage bolts, hex lag bolts, hex nuts, threaded rods, washers. **B** LT

Tel: +86-573-86178181, 86178282, 86178383

Fax: +86-573-86177766 Email: sales@boltmfa.com

Website: http://83420v.chinafastener.info, www.boltmfg.com

#### 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.chinafastener.info, 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.



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Fax: +86-21-56383751

Email: export@bscmetal.com, billow su@263.net

Website: www.bscmetal.com

#### Chengzhi Metal Mfr. Co., Ltd.

Self-tapping threaded inserts, CNC precision parts, selfclinching 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.chinafastener.info. www.cnchenazhi.com.cn



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### Dongguan Dmscrew Hardware

M8 self drilling screws, collated screws, drilling PT.5, hex HD self drilling screws, round head series, round head washer self drilling screws, cement screws, nylon HD screws, self drilling screws with length of 360 mm.



Tel: +86-769-81781366 Fax: +86-769-83126693

Email: sales@dm-screw.com, dm076981781366@163.com Website: http://93962v.chinafastener.info, www.dm-screws.com

#### Changshu City Standard Parts Factory

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



Tel: +86-13962366605 Fax: +86-512-52811984 Email: 1401545600@qq.com

Website: http://8608v.chinafastener.info, www.china-dali.cn



### 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.



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Fax: +86-769-81776627

Email: galand@vip.sina.com

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



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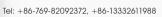
Fax: +86-769-81060629

Email: dgsyx@dgsyingxing.com

Website: http://81391v.chinafastener.info, www.dgsyingxing.com

### Dongguan Haoyijia Machinery & Equipment Co.,Ltd.

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



Fax: +86-769-87565719 Email: jinyi71@21cn.com

Website: http://43452v.chinafastener.info



### Dongguan Zhengmao Precision Hardware Co., Ltd.

Self clinching nuts, self clinching standoffs, self-clinching blind fasteners, studs, flare-in nuts, floating self-clinching fasteners, self-locating projection weld nuts, flush nuts, pilot pins, right angle clinch fasteners.



Tel: +86-769-81160350

Fax: +86-769-83691051

Email: raisesunmetal@163.com

Website: http://99852v.chinafastener.info

ZHENG WA

### Dongguan Sanhewlett Metal Products Co., Ltd.

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

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



### Co.,Ltd.

Main die, punch die, case, nut-forming die, folder die, 6 segments die, cut-off blade, shear die, punch, injector pin, sleeve, washer, thread rolling die and mutti-stroke die, etc.



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Fax: +86-769-83193891

Email: dl.sales01@gd-donglong.com

Website: http://45946v.chinafastener.info, www.gd-donglong.com

#### COVER

#### Dongguan STL Metal Products 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.chinafastener.info, www.dg-jyd.com



#### 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.chinafastener.info, www.dthuawei.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.chinafastener.info, www.hhfast.com

P2,3

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

Tel: +86-515-85520679 Fax: +86-515-85523066 Email: davy@qbfastener.com

Website: http://2989v.chinafastener.info, www.qbfastener.com



### Haining Sanlic Fastener Factory

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

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Tel: +86-20-36822230

Fax: +86-20-36822900 Email: zhyw@china-zhichao.com

Website: http://39897v.chinafastener.info



### Foshan City Guangqingchang

Blind rivets, screws, nuts, springs, hardware parts and imeslathe pieces.



Tel: +86-757-86610511 Fax: +86-757-86617867

Email: sales@qingchang.com.cn

Website: http://85429v.chinafastener.info, www.qingchangrivet.com

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#### GuangDong HeJin 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



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alloy steel hex socket head set screws.

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Website: http://99163v.chinafastener.info, www.al-fastener.com





#### Haiyan Ausin Hardware Co., Ltd.

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



Tel: +86-573-86129299, +86-15857368506

Fax: +86-573-86120322 Email: sales@hyausin.com

Website: http://96966v.chinafastener.info, www.hyausin.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.



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Website: http://37468v.chinafastener.info

#### P93

Various machining parts.

Tel: +86-573-86059446 Fax: +86-573-86059448

Email: john@dingtour.com

Website: http://97308v.chinafastener.info, www.dingtour.com

#### Haiyan Junyuan Standard Fasteners Co., Ltd.

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



Tel: +86-573-86211556 Fax: +86-573-86287218 Email: 757304931@qq.com

Website: http://49740v.chinafastener.info, www.bolthome.com

#### Haiyan Fasteners Factory

Carriage bolts, hex head bolts, flange bolts, rivets, nonstandard fasteners, furniture fasteners,

Tel: +86-573-86513188, 86511248

Fax: +86-573-86511248

Email: hyxugx@126.com, yongjin@mail.jxptt.zj.cn Website: http://10051v.chinafastener.info, www.hyff.com



### Haiyan Tongrun Fastener Factory

D-3(1/4-3/4), DIN557 (M6-M20) and DIN934 (M6-M20) in carbon steel. Non-standard nuts according to customers' drawings and undertake processing.



Tel: +86-15967317125 Fax: +86-573-86286567 Email: 2537357279@qq.com

Website: http://66133v.chinafastener.info

### Haiyan Hongrun Fasteners Co., Ltd.

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



Tel: +86-573-86806666, +86-13506664650, 13506666092

Fax: +86-573-86866789 Email: xjw@wz-hr.com

Website: http://20356v.chinafastener.info, www.jxhyhr.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.chinafastener.info, www.ydfastener.cn



#### HaiYan YouFeng Fasteners Co.,Ltd./ HaiYan YouGang Fasteners Factory

Drywall screws, self-tapping screws, chipboard screws, cement board screws, deck screws.



Tel: +86-573-86288986 Fax: +86-573-6288358 Email: ruby@yffasteners.com

Website: http://96805v.chinafastener.info, http://yffasteners.com

### Handan Ruiqiang Fasteners Manufacturing Co.,Ltd.

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



P93

Tel: +86-310-6889158,+86-13373009700

Fax: +86-310-6888669 Email: rqbzj@126.com

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

### Handan City Jingheng Anchoring Co.,Ltd.

BS/ASME bolts (hex bolts, carriage bolts), nuts, screws (wood screws, drywall screws) and anchors (sleeve anchors, anchor bolts, wedge anchors, drop-in anchors, cut anchors, metal frame anchors, chemical anchors, antiskid shark fin anchors, shield anchors, adhesive, etc.)



Tel: +86-310-5607000 Fax: +86-310-5607000

Email: handanjingheng@126.com

Website: http://91190v.chinafastener.info, www.hdjhmg.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.chinafastener.info, www.dyfasteners.com



### Handan Jinggong Construction Anchor Manufactory Co.,Ltd.

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

Tel: +86-310-6607999, +86-13932012900

Fax: +86-310-5139520 Email: 1505664425@qq.com

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

### Hangzhou Quanling Standard Component Co.,Ltd.

Carbon steel screws with a diameter ranging from 2.9mm to 8mm and a length range from 2.5mm to 150mm.

Various head shapes and tail shapes are available.



Tel: +86-571-88792667 Fax: +86-571-88791659

Email: hangzhouquanling@126.com

Website: http://11766v.chinafastener.info, www.quanlingscrew.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.chinafastener.info,

www.hdligong.com

#### Jiangsu AWD Fastener Co.,Ltd.

Waterproof folding rivets, stainless steel blind rivets, hemlock rivets, countersunk head inlock blind rivets, inlock blind rivets, iron outlock blind rivets, stainless steel monogrip type blind



rivets, sealed type blind rivets, countersunk 48 outlock blind rivets, iron multigrip type blind rivets, open type blind rivets, etc.

Tel: +86-519-89591951 Fax: +86-519-89591952 Fmail: bao@awdchina.com

Website: http://71995v.chinafastener.info, www.awdchina.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 Fmail: allen@chaovue818 net

Website: http://83270v.chinafastener.info



### Jiashan Juwei Fastener Co., Ltd.

Furniture screws, self-tapping screws, drywall screws, machine screws, chipboard screws.

Tel: +86-13857309862 Fax: +86-573-84162690 Email: yyyjwyd@163.com

Website: http://99615v.chinafastener.info



#### Jiangsu Washen Fastener Manufacture Co., Ltd.

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

Washen 华縣

Tel: +86-523-80237002 Fax: +86-523-80237111

Fmail: factory@world-rivet.com

Website: http://67154v.chinafastener.info, www.washen-rivet.com

#### 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.chinafastener.info

#### Jiangyin Zhenlong Standard Parts Factory

Class 4.8/8.8/10.9 bolts according to the standards of GB, ANSI, DIN. etc. Non-standard bolts.



Website: http://101054v.chinafastener.info



#### Jiaxing Jinfast Hardware Co., Ltd.

Castle nuts, slotted nuts, cap nuts, weld nuts, barrel nuts, flange nuts, hex nuts, tee nuts, non-standard nuts; flange JINFAST bolts, hex bolts, hang bolts; drywall screws, chipboard screws, self-tapping screws.



Tel: +86-18857369900 Fax: +86-573-86851619 Email: duranziu@hotmail.com Website: http://98442v.chinafastener.info

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

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

Tel: +86-13666782181 Fax: +86-573-89118009

Email: andy.jsjx@hotmail.com

Website: http://59196v.chinafastener.info, http://east-sun-fastener.com

#### 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 hooks, welding nuts, carriage bolts, wood screws, double-threaded screws.



Tel: +86-573-82297290 Fax: +86-573-82297290 Email: 1429526799@gg.com

Website: http://96976v.chinafastener.info



### 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: +86-573-86665361 Email: 1692643651@qq.com

Website: http://99588v.chinafastener.info, haiyanreegu.1688.com



#### Jingjiang Junma Standard Fastener Company

All kinds of self-drilling screws, self-tapping screws, high strength bolts & nuts for wire frame, high strength stud bolts, all kinds of stainless steel products and various non-standard products.



Tel: +86-18516655337 Fax: +86-523-84598699

Email: junma \_ export1@163.com Website: http://66167v.chinafastener.info

#### Jiaxing Sini Fastener Co., Ltd.

Hot forged bolts, timber bolts, carriage bolts, flange bolts, customized bolts, stamping parts.

Tel: +86-573-86121535 Fax: +86-573-86121536 Email: sale@sinifastener.com

Website: http://39687v.chinafastener.info, www.sinifastener.com



#### Jinglefast Industrial Co.,Ltd.

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



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

Fax: +86-574-89020180 Email: jg@jgfastener.com

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

#### 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.chinafastener.info, www.starfastener.com

### Jiulong Hardware & Stainless Steel Trade Center

Trade market of hardware and stainless steel

Tel: +86-757-85750666 Fax: +86-757-81108006 Email: 549997798@gg.com

Website: http://99411v.chinafastener.info, www.nhjlwj.com

### Jingjiang Hengteng Rive Manufacture Co. 1 td.

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.



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Tel: +86-523-84553022 Fax: +86-523-84567222 Email: sherry.wan@hfrivet.com

Website: http://28123v.chinafastener.info, www.hfrivet.com

### Kunshan Hengshun Hardware Co.,Ltd.

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



Tel: +86-512-57228962, 57227568, 57228969, +86-18915756868,

13912652565

Fax: +86-512-57228961 Email: jhf@ks-hswj.com

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



### Kunshan Zhonggu Precision Hardware Co., Ltd.

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



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

Fax: +86-512-57175486

Email: hardwarechina@163.com

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

### Nanjing Flybear Hardware Products Co.,Ltd.

Fasteners, ISO9001:2008 and TS16949 certified.

Tel: +86-25-52758402 Fax: +86-25-52758408

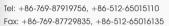
Email: majinsuo@18luosi.com

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



#### Leda Metal Co.

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



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

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

### Ningbo BQ Hardware Co.,Ltd.

All kinds of hex socket head bolts, hex bolts, carriage bolts, double end studs, anchor bolts, U bolts, T bolts, track bolts, flange bolts, guardrail bolts, threaded steel bolts and a variety of high strength non-standard fasteners, various specifications of standard and non-standard nuts, washers and studs.



Tel: +86-13957472267 Fax: +86-574-56702901

Email: sales@bqhardware.com

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

### Li Tai Fastener Co., Ltd.

Hex head bolts, hex socket bolts, flange bolts, T-bolts, square bolts.

Tel: +86-18385803368, +86-13736367648

Fax: +86-855-6337368

Email: 18385803368@163.com

Website: http://100840v.chinafastener.info



### 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.chinafastener.info

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

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



Tel: +86-571-63821078 Fax: +86-571-63821958 Email: 3899008@gq.com

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

### 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.chinafastener.info, www.cnyonggang.com



#### Ningbo Fenghua City General Standard Components Factory

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



Tel: +86-574-88915038 Fax: +86-574-88927698 Email: web@fhtongyong.com

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

#### Ningbo Yonggu Hardware Co., Ltd.

Flange nuts, auto parts, non-standard hardware, non-standard products, auxiliary parts, auto parts, sewing machine parts and office hardware.

Tel: +86-13566018838, +86-574-87513435

Fax: +86-574-87507390 Email: 1497465915@qq.com

Website: http://94970v.chinafastener.info

### Ningbo Xian Feng Auto Parts Co., Ltd.

Metal, metal rings, valve body, valve core, fuel injection nozzle, limit block, bolts, and auto parts.

Tel: +86-574-86138847, +86-18658222200

Fax: +86-574-86138847 Email: 277436880@qq.com

Website: http://98996v.chinafastener.info, www.pcnparts.cn



#### 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.chinafastener.info, http://tslg.com.cn

### 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@aa.com

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

#### 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.chinafastener.info

### Ningbo Yinzhou Zhenhua Stamping Co., Ltd.

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



Tel: +86-574-88400330 Fax: +86-574-88400068

Email: zhenhua@zjzhenhua.com

Website: http://29142v.chinafastener.info, www.zjzhenhua.com

### 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: xtjqj@126.com

Website: http://3500v.chinafastener.info, www.xtjgj.com



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### Ruian Huilida Metal Products Co., Ltd.

Spring washers, springs, tension springs, pressure springs, torsion springs, pagoda springs, and specialty springs in diameter from 0.2mm to 10mm. Spring washers, wave spring washers GB7246-87, curved spring washers GB7244-87, and single coll spring lock



washer for assembly GB9074.26. Standard: GB, ANSI, BS, DIN, etc. in diameter from 2 to 30 are available.

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

Fax: +86-577-65261996

Email: valia@chinahuilida.com, info@chinahuilida.com
Website: http://16959v.chinafastener.info.www.chinahuilida.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.chinafastener.info, www.yongjiuchina.com

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

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,

machine screws, high strength double-end studs.

Shanghai Biaowu High-Tensile

drywall screws, T-bolts, U-bolts, hex bolts, combine bolts, hexagon flange bolts,

### 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.



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Tel: +86-310-6888682 Fax: +86-310-6894851 Email: 825125170@qq.com

Website: http://44826v.chinafastener.info

#### Ruian Zhirui Standard Co., Ltd.

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



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

Fax: +86-577-65329297 Email: 38209839@aa.com

Website: http://84002v.chinafastener.info

#### Shanghai Fast-Fix Rivet Corp.

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

Tel: +86-21-58912860

Fax: +86-21-58912793

Email: jason@rivet-china.com

Website: http://7689v.chinafastener.info, www.fastfix-rivet.com,

www.rivet-china.com

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

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



Tel: +86-577-65365630 Fax: +86-577-65393630 Email: zf90000@126.com

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

#### Shanghai Jingtuo Mould Manufacture Co., Ltd.

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



**ASTFIX** 

Tel: +86-13002127000 Fax: +86-21-69177346

Email: shjtmould2008@163.com Website: http://15345v.chinafastener.info





#### Shanghai Jinrui Norm Parts Supplies Co.,Ltd.

Bolts: A193 B7 stud bolts, Teflon stud bolts, PTFE stud bolts, hub wheel bolts, flange bolts, fish bolts, A325 heavy hex bolts, Chicago bolts (sexy bolts). Nuts: A194 2H nuts, heavy hexagon nuts, hex flange nuts. Screws: hex screws, expansion screws, wood screws.



Tel: +86-21-5951682 ext. 835 Fax: +86-21-59516506 Email: jingrui@shxingrui.com

Website: http://12184v.chinafastener.info, www.shxingrui.com

### Shanghai Shangdian Washer Co.,Ltd.

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



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

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

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

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

### Shanghai Kingpluse Industry Co.,Ltd.

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



劲烁实业

Tel: +86-21-57733852 Fax: +86-21-57736953 Email: sales@kp-industry.com

Website: http://91270v.chinafastener.info, www.kp-industry.com

### Shanghai Sunrise Fasteners Co., Ltd.

Wing nuts, size: DIN M3-M20, UN #6-3/4, BSW 1/8-3/4, material: steel, brass, stainless steel, nylon, zinc alloy



Tel: +86-21-65627011 Fax: +86-21-65794843 Email: sunrisesh@263.net

Website: http://45v.chinafastener.info, www.sunrisesh.com

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#### Shanghai Minmetals – Fasteners

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

Tel: +86-21-52292888 ext. 2878 Fax: +86-21-63816007



Email: fasteners@shminmetals.com,

hardware@shminmetals.com, jinsha@online.sh.cn Website: http://11932v.chinafastener.info, fasteners.shminmetal.com

### Shanghai Welfast Enterprise Co.,Ltd.

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



Tel: +86-21-62442081 Fax: +86-21-62447564 Email: sales@welfast.com

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

### Shanghai Ouce Technology Co., Ltd.

Providing CE certification from EU, CU-TR certification from Russia and Commonwealth of the Independent States. In inspection aspects, OUCE could provide second party inspection service on behalf of buyers.



Tel: +86-21-62563300 ext.8703

Fax: +86-21-62563977

Email: 2058437773@qq.com, Atong.zhang@ouce.cn

Website: http://100181v.chinafastener.info, www.oucegroup.com

### Shanghai Zhujin Standard Parts Mfg. Co.,Ltd.

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



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

Fax: +86-21-37740008 Email: 1595295531@qq.com

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



### Shenzhen Shendingsheng Hardware Products Co.,Ltd.

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



Tel: +86-755-28179975, 28179976

Fax: +86-755-28179977 Email: ds@szdingsheng.com

Website: http://51701v.chinafastener.info, www.szshendingsheng.com

### Suzhou Jinliujiao Precision Mold Co., Ltd.

Cold forging dies.

Tel: +86-13812916648 Fax: +86-512-53450897

Email: coldheadingdie@163.com

Website: http://99581v.chinafastener.info, www.coldheadingdie.com



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### Sijin Intelligent Forming Machinery Co., Ltd.

Bolt formers, 1-die 2-blow machines.

Tel: +86-574-88352799 Fax: +86-574-88352516 Email: sijin@sijin.cc





### Suzhou Judong Hardware Co.,Ltd.

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

Tel: +86-18913181997, +86-512-65430185

Fax: +86-512-65430186 Email: jd8015@163.com

Website: http://37296v.chinafastener.info, www.judong.cc



Sun-Maku Co., Ltd.

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



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

Fax: +86-769-83130567

Email: sun \_ maku@vip.163.com

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

### Taicang Chaoyi Fasteners Co., Ltd.

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

Tel: +86-13862382207 Fax: +86-512-53456687

Email: chaoyi@chaoyiscrew.cn

Website: http://52982v.chinafastener.info, www.chaoyiscrew.cn



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#### 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.chinafastener.info, www.sunta.biz

### 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.chinafastener.info, www.sxsteelwire.com



#### Tianjin Pingyuan Hardware Co., Ltd.

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Tel: +86-22-23790212 Fax: +86-22-23790387 Email: pyjessica022@163.com

Website: http://48391v.chinafastener.info ,www.tjpyco.com

### Wenzhou LeYuan Fastening Parts Co., Ltd.

Auto parts, motorcycle parts, lamp fittings, lock accessories, electrical accessories, pneumatic fittings and various non-standard items



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Tel: +86-577-86500523 Fax: +86-577-86500765 Email: 292899384@qq.com

Website: http://92329v.chinafastener.info, www.wzlyjgj.com

#### Tianjin Yushu T.I.T Co., Ltd.

All kinds of standard and non-standard washers, like flat washers, spring washers, square washers, hardened steel washers and cup washers, wave washers, etc.



Tel: +86-22-23788780, +86-13821375654

Fax: +86-22-58530336

Email: yushugongsi \_ xsb@sina.com Website: http://67366v.chinafastener.info

### Wenzhou Licheng Fasteners Co.,Ltd.

Set screws and non-standard parts. 1)Material: SCM435, 45H, 12.9 grade, stainless steel, SUS304, SUS316, A2, A4; 2) Standard: GB77/DIN913, GB78/

SUS316, A2, A4; 2) Standard: GB77/DIN913, GB78/
DIN914, GB79/DIN915, GB80/DIN916; 3)Size: M3- M12; 4) Packing: carton, poly

bag, pallet; 5) Finishing: black oxided, plain; 6) Thread: metric and inch size.

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

Fax: +86-577-86779500 Email: 88690200@163.com

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

### Wenzhou Fengding Fastener Mfg. Co.,Ltd.

Flange bolts, hex bolts, machine screws, outsize truss head screws. Grade 4.8, 6.8, 8.8, 10.9, 12.9 are available.



Tel: +86-573-86453588 Fax: +86-573-86453589 Email: wzfdjgj@163.com

Website: http://23796v.chinafastener.info, www.wzfengding.com

### Wenzhou Suqi Standard Fastener Co.,Ltd.

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



Tel: +86-577-86779918 Fax: +86-577-86779938 Email: wzsuqi@163.com

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

### 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.chinafastener.info, www.wzjinsheng.com

### Wenzhou Xionglian Hardware Machinery Co., Ltd.

Dowel pins, clevis pins, spring pins, taper pins, grooved pins, split pins, keys, washers, circlips.



Tel: +86-577-88632648 Fax: +86-577-88607819 Email: letty@xonIn.com

Website: http://9879v.chinafastener.info, www.xonln.com



#### Wuxi Anshida Hardware Co., Ltd.

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Tel: +86-510-88762491, 88765068, 88765062

Fax: +86-510-88763742 Email: service@anshida.com

Website: http://856v.chinafastener.info, www.anshida.com

### Bolts, nuts, flat washers, spring washers, thread rods,

anchor bolts, self drilling screws, hex bolts.

Tel: +86-18631091188 Fax: +86-310-7050686 Fmail: 362753545@aa.com

Website: http://45489v.chinafastener.info, www.hbtbls.com



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#### Wuxi Aotian Steel Wire Products Co.,Ltd.

Carbon steel spheroidizing wires, alloy steel spheroidizing wires and rivet wires for cold heading and so on.



Tel: +86-18061512788 +86-510-88355025

Fax: +86-510-88353299

Email: overseatrade@aotianwire.com Website: http://91578v.chinafastener.info www.aotianwire.com



Eyebolts.

Tel: +86-15306621777, +86-574-62003860, 62003777



Fax: +86-574-62003980 Fmail: ruanlifei@biaoer.com

Website: http://2261v.chinafastener.info, www.biaoer.com

Back Cover

#### Wuxi Wuda Hardware Product Co.,Ltd.

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



Tel: +86-510-83136011 Fax: +86-510-83150867 Email: 2355348629@qq.com

Website: http://55320v.chinafastener.info, www.5shardware.com

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



Tel: +86-574-62021689, +86-17705846117, 17705846153

Fax: +86-574-62020898, 62020910

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

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

#### **Yichang Hengchang Fasteners** Co.,Ltd.

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



Tel: +86-15897506175 Fax: +86-717-6351981

Email: hcfasteners@163.com, hcfastener@yahoo.com Website: http://29385v.chinafastener.info, www.hcbzj.com

### Yuyao Xiongji Hardware Co., Ltd.

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



Tel: +86-574-62267698

Fax: +86-574-58102122

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

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



### Yuyao Yuxin Fastener Systems Co., Ltd.

Sleeve anchors, wedge anchors, drop in anchors, chemical anchors, hex coupling nuts, round couplings, spring togales, gravity



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

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

Fax: +86-574-62938308

Email: amyf@cosmosye.com, cosmosye@mail.nbptt.zj.cn Website: http://2484v.chinafastener.info, www.cosmosye.com

### Zhangjiagang Datong Standard Parts Co.,Ltd.

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



Tel: +86-512-58632800, +86-13506223116, 13601561428

Fax: +86-512-58632811 Email: erlang888@yeah.net

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

### DA TONG

### Zhejiang Linhai Jinxin Car Fittings Co..Ltd.

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Fax: +86-576-85528508

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

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

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### Zhejiang Minmetals Huitong Import & Export Co., Ltd.

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

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



Tel: +86-571-85775785, 85775791

Fax: +86-571-85775610

Email: aschen@zjmtd.com, qzhou@zjmtd.com.cn Website: http://256v.chinafastener.info, www.zjmtd.com.cn

### Zhejiang Jingyi Standard Components Co.,Ltd.

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



Tel: +86-577-62877009 Fax: +86-577-62873833 Email: sale02@wzjingyi.com

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

### Zhoushan City Hesheng Fasteners Co., Ltd.

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



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

Fax: +86-580-8075197

Email: hhb@hesheng-fastener.com

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

### Zhejiang Junyue Standard Part Co.,Ltd.

Threaded rods, rod studs.

Tel: +86-573-86966966, +86-13757356800 Fax: +86-573-86976388, 86967000

Email: junyue@zj-junyue.com

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



#### Zhuji Tiansheng Standard Components Factory

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



Tel: +86-15968519293 Fax: +86-575-87983536 Email: zhaoboming@163.com

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



### Dongguan Hongjian Hardware Mould Co., Ltd.

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Fax: +86-769-87184257 Email: 364453627@qq.com

Website: http://99374v.chinafastener.info

### 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.chinafastener.info



### 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.chinafastener.info, www.dgsjcdkl.com



### Dongguan Dalang Naili Mould Processing Factory

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 Various kinds of heading molds: ordinary molds,
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 4-die 4-blow, tubular rivets, and other multi-station molds.



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Website: http://99461v.chinafastener.info, www.naili888.com

### Dongguan Hao Long Automation Equipment Co.,Ltd.

Automatic feeding vibration disks, automatic feed bins, linear feeders, vibration disks with electromagnetic, vibration platforms, vertical vibrators, kinds of packing machines in automatic counting, multiple vibration disk screws and accessories.



Tel: +86-769-85888382 Fax: + 86-769-85888383 Email: haofellong1130@163.com

Website: http://88093v.chinafastener.info, www.haolong188.com

### Handan Shuangzi Metal Products Co.,Ltd.

Self drilling screws, drywall screws, hex bolts & nuts, wedge anchors and threaded rods.



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Tel: +86-15188910639

Emall: vivianwang@hdshuangzi.com Website: http://100013v.chinafastener.info, www.hdshuanazi.com

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#### Nedschroef Herentals N.V.

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.



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

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

Website: http://53865v.chinafastener.info, www.nedschroefmachinery.com

#### Sanwei Fasteners Co.,Ltd

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



Tel: +86-21-64604216

Fax: +86-21-64604935

Email: sanweifast@188.com

Website: http://12889v.chinafastener.info, www.sanweifast.com

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Website: http://57077v.chinafastener.info Contact Name: MR.KENNY Position: General Manager

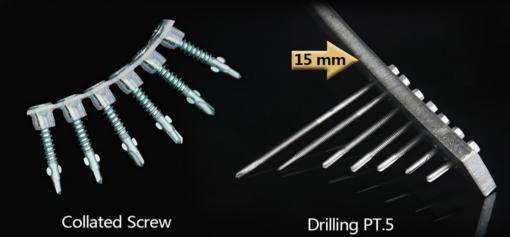


### **Dongguan Dmscrew Hardware Products Co.,Ltd**

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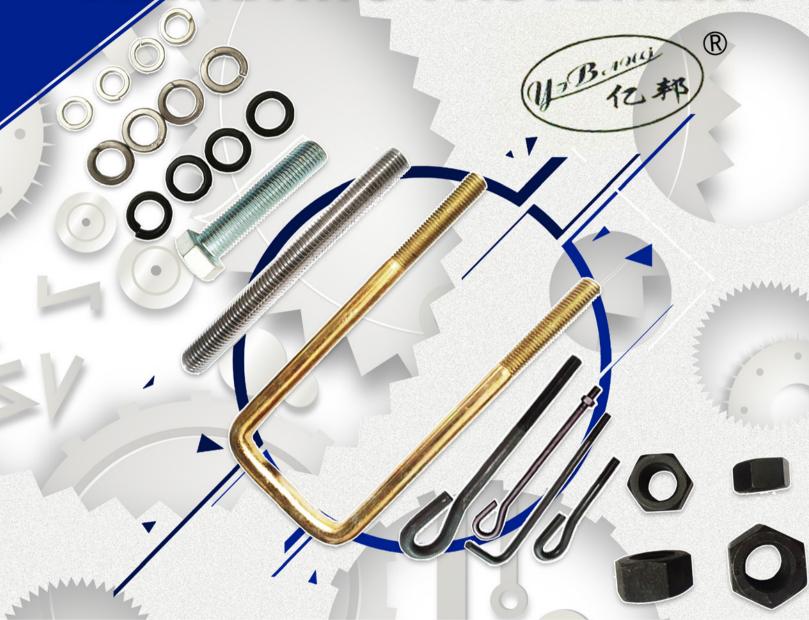
Tel:+86-769-81781366

Fax:+86-769-83126693

Email:sales@dm-screw.com dm076981781366@163.com

Web:www.dm-screw.com

# YONGNIAN COUNTY TIANBANG FASTENERS



### YONGNIAN COUNTY TIANBANG FASTENERS CO.,Ltd.

Address: North of Dong Tantou Village, Yongnian,

Handan, Hebei Province, China

Website: http://www.hbtbls.cn

Contact Name: Mr.Yan

Email: 362753545@qq.com

Tel: +86-18631091188 Fax: +86-310-7050686



### China plans tariffs on \$60bn of US goods, including fasteners

China is ready to levy differentiated additional tariffs on about \$60 billion of imports from the United States, if the latter further escalates trade frictions, the Customs Tariff Commission of the State Council announced late on August 3.



China plans to slap additional tariffs on 5,207 categories of US products with four levels of tariff rates, namely 25%, 20%, 10% and 5%.

These tariffs will become effective if the US further hinders the bilateral trade by renewing tariffs on more Chinese products, the commission said in a statement.

The commission stressed that China will adopt the above countermeasures to defend its lawful rights and interests, and curb the escalation of trade friction, as well as minimize the impact on its domestic production and people's living.

The announcement came after the Office of US Trade Representative announced on August 2 to consider increasing the proposed additional duty on \$200 billion of Chinese products from 10 percent to 25 percent.

#### Fasteners are on the list, including:

#### **HS** codes and products

#### Tariff rate of 25%:

73181200 Other wood screws

#### Tariff rate of 20%:

73160000 Anchors, grapnels and parts thereof, of iron or steel

73181400 Self-tapping screws

73181590 Other screws and bolts (whether with or without nuts or washers, not for civil aircraft maintenance and repair)

73182100 Spring washers and other lock washers

73182300 Rivets

73201090 Other leaf springs and leaves for springs, of iron or steel

73202010 Helical springs, of iron or steel, for railway locomo tives and rollingstock

73209090 Other springs of iron or steel

74152100 Washers (including spring washers), of copper

74152900 Other articles, not threaded, of copper

74153390 Other screws, bolts and nuts, of copper or of iron or steel with heads of copper

74199110 Other articles of copper, for technical, cast, moulded, stamped, but not further worked

74199991 Other articles of copper, for technical use

74199999 Other articles of copper, not for technical use

#### Tariff rate of 10%:

73170000 Nails, tacks, drawing pins, corrugated nails, staples (other than those of heading No.83.05) and similar articles, of iron or steel, whether or not with heads of other material, but excluding such articles with heads of copper

73181100 Coach screws

73181300 Screw hooks and screw rings

73181510 Screws and bolts with tensile strength 800MPa or more (whether or not with their nuts or washers)

73181600 Nuts

73181900 Other threaded articles, not elsewhere specified or included

73182200 Other washers

73182400 Cotters and cotter pins

73182900 Other non-threaded articles

73194010 Safety pins of iron or steel

73199000 Other sewing needles, knitting needles, bodkins, crochet hooks, embroidery stilettos and similar articles, of iron or steel; not elsewhere specified or included

73202090 Other helical springs, of iron or steel

### China to raise export tax rebates on fasteners

China will raise export tax rebates for 397 products ranging from electronic items and some steel products to books, the finance ministry announced on September 7.

The move comes as a word is widely awaited on whether US President Donald Trump will impose tariffs on another 200 billion US dollars of imports from China.

To date, the US has imposed tariffs on 50 billion US dollars of Chinese products, and China has reciprocated.

On September 7, China's finance ministry said that the tax re-

bate rates, effective from September 15, for light-emitting diodes (LEDs), lithium batteries, multi-component semiconductors, machinery products, books and newspapers will be increased to 16 percent.





#### Adjustment of fastener export tax rebates

HS Code	Products	Rates
73181100	Coach screws	9%
73181200	Other wood screws	9%
73181300	Screw hooks and screw rings	9%
73181400	Self tapping screws	9%
73181510	Screws and bolts, with tensile strength 800MPa or more, whether or not with their nuts or washers	9%
73181590	Other screws and bolts	9%
73181600	Nuts	9%
73181900	Other threaded articles, not elsewhere specified or include	9%
73182100	Spring washers and other lock washers	9%
73182200	Other washers	9%
73182300	Rivets	9%
73182400	Cotters and cotter pins	9%
73182900	Other non-threaded articles	9%

Previously, the export tax rebates for fasteners were cut by 8 percent from 13 percent to 5 percent effective on July 1, 2007.

"This is in effect to negate the impact from US tariffs," said Mei Xinyu, a researcher at a think tank affiliated with the Commerce Ministry.

China's export growth has exceeded analysts' expectations for the past five months, with some analysts believing Chinese exporters are rushing out shipments to beat fresh US tariffs. ◆

### China's automobile imports surge in July

China's automobile and chassis imports witnessed strong growth in July thanks to government moves to lower tariffs for autos and auto parts.

The value of vehicle and chassis imports rose 66.1 percent to 48.46 billion yuan (about 7 billion U.S. dollars) in July, according to the General Administration of Customs.

China imported 165,000 vehicles and chassis in July, surging 266.7 percent from June and up 50 percent year on year.

In the first seven months of 2018, the total value of vehicle and chassis imports edged up 2.2 percent, while the amount was down by 3.1 percent year on year.

Automobile and chassis export value rose 35.3 percent in July and 17.9 percent in the first seven months.



China cuts the import duty on passenger cars to 15%, further opening a market that has been a chief target of the U.S. in its trade fight with the world's second-largest economy. The levy is lowered effective July 1 from the current 25% that has been in place for more than a decade, boosting shares of automakers from India to Europe. Bloomberg News reported last month that China was weighing proposals to reduce the car import levy to 10% or 15%.

A reduction in the import duty follows a truce between the Trump administration and Chinese officials as they seek to defuse tensions and avert an all-out trade war. While the levy reduction could be claimed in some quarters as a concession to President Trump and will be a boon to U.S.

carmakers such as Tesla Inc. and Ford Motor Co., the move also will benefit European and Asian manufacturers from Daimler AG to Toyota Motor Corp.

The import duty on car parts will be reduced to 6%, China's Finance Ministry said. The shift is significant more for its optics than its potential impact given imported cars made up only about 4.2% of the country's \$28.9 million in automobile sales last year. ◆

### China sees fast growth in industrial robots production



The industry scale of China's domestically made robots has seen 20 percent annual growth in five years.

According to the China Robot Industry Alliance (CRIA), 131,000 industrial robots were domestically made in 2017. By the end of 2017, there were more than 6,500 enterprises engaged in robot production.

China also has employed the largest amount of industrial robots since 2013, said CRIA. The market shares of domestically made industrial robots fell for the first time in five years, shrinking to below 27 percent in 2017.

With the development and integration of information technology and artificial intelligence (AI), robots could be used both in the manufacturing industry and people's daily lives, president of Siasun Robot Qu Daokui said.

Wen Zhongmeng, president of Asage Robots, said visual and audio technologies could make robots useful in the education and medical industries.

### Steel sector makes headway in capacity reduction



China's steel sector made considerable progress in the reduction and elimination of excess industrial capacity during the first six months of the year, while its ongoing efforts to curb pollution continued to bear fruit, experts said.

During the first six months of this year, the nation produced 373 million metric tons of iron, 451 million tons of crude steel and 5.31 million tons of finished steel, up 0.5 percent, 6 percent, and 6 percent respectively on an annualized basis, according to data published by the China Iron and Steel Association (CISA).

CISA said that during the six month period, its members saw sales revenue surge by 15.33 percent year-on-year to 1.97 trillion yuan (\$290.6 billion), while net profit rose 151.5 percent to 139.3 billion yuan. The industry has also been able to lower the overall debt levels. •

### China's new energy power generation sees faster growth

China reported faster growth in new energy power generation in June.

"The growth of electricity generated by new energy accelerated markedly, while thermal and hydro power saw slower



growth," said Yan Pengcheng, spokesperson for the National Development and Reform Commission (NDRC), at a press conference.

In June, nuclear power generation increased 19.3 percent year-on-year, compared with 15.1 percent in May, according to NDRC data.

Electricity generated by wind and solar rose 11.4 percent and 21.1 percent, respectively, compared with 6.7 percent and 14.8 percent in May.

Thermal and hydro power output climbed 6.3 percent and 3.7 percent, respectively, down by 4 percentage points and 3.2 percentage points from May, Yan told reporters.

China is promoting new energy to cope with pollution and boost growth quality.

In the first half of the year, power generation increased 8.3 percent year-on-year, slower than the 8.5 percent growth in the first five months.

#### Investment boost for car, aircraft makers



China's aim to further open up its aircraft and car manufacturing sectors will be beneficial for both local and foreign companies planning to increase their investments, said industry experts.

As part of the country's broader opening-up push, China will phase out the 50 percent equity cap for foreign aircraft and car manufacturers in joint ventures in China, effective on July 28, according to a statement jointly released by the National Development and Reform Commission and the Ministry of Commerce.

"This is significant positive news. It will be beneficial for the local manufacturing industry and high-tech aviation companies to expand their investments in China. It will

surely help to deepen the collaboration between foreign manufacturers and their Chinese counterparts," said George Xu, CEO of Airbus China. ◆

## Taiwan fastener industry strengthens its position in the global automotive fastener supply

Taiwan fastener industry has been very active in recent years in business transformation to the development of products with higher added value. In terms of screws in particular, though the total export volume was lower than that of Chinese mainland, the percentage of automotive fasteners in the total export is expected to increase by 5%. The current quote for automotive fasteners per kg in Taiwan is USD 3.8, 35% higher than the average price of general parts and 164% higher than the average price of similar articles in Chinese mainland.

The total export volume and value of Taiwan's fasteners last year both reached a new high. The export volume in particular climbed to nearly 1.6 million tons and the export value reached nearly USD 4.3 billion. This year, with the recovery of the global economy, it is expected that the record will be broken again. The percentage of automotive fasteners in Taiwan's total fastener export is expected to increase from 30% to 35% and the price per kg is expected to reach USD 3.8 (higher than China's USD 1.7). ◆



### EU applies retaliatory tariffs on US fastener imports



The European Union applies 25% "rebalancing" tariffs on a wide range of products imported from the United States, including seven categories of fasteners, effective from Friday 22nd June 2018.

The tariffs are in response to the Section 232 tariffs applied by President Donald Trump to steel and aluminium from the EU. Commissioner for Trade Cecilia Malmström said: "We did not want to be in this position. However, the unilateral and unjustified decision of the US to impose steel and aluminium tariffs on the EU means that we are left with no other choice. The rules of international trade, which we have developed over the years hand in hand with our American partners, cannot be violated without a reaction from our side. Our response is measured, proportionate and fully in line with WTO rules. Needless to say, if the US removes its tariffs, our measures will also be removed."

The EU will rebalance bilateral trade with the US taking as a basis the value of its steel and aluminium exports affected by the US measures. Those are worth €6.4 billion. Of this amount, the EU will rebalance on €2.8 billion worth of exports immediately. The remaining rebalancing on trade valued at €3.6 billion will take place at a later stage – in three years' time or after a positive finding in WTO dispute settlement if that should come sooner.

The EU rebalancing measures will be effective for as long as the US measures are in place, in line with the WTO Safeguards Agreement and EU legislation.

The list of products on which 25% tariffs will apply from Friday 22nd June include seven fastener CN codes. They are:

73181410- self tapping screws, of stainless steel

73181491- Spaced-thread screws or iron or steel, other than stainless

73181499- Other Self tapping screws of iron or steel

73181640- Blind rivet nuts of iron or steel, other than stainless

73181660- Self-locking nuts of iron or steel other than stainless

73181699- Nuts of iron or steel, other than stainless, with inside diameter <=12mm

73181699- Nuts of iron or steel, other than stainless, with inside diameter >12mm ◆

# Germany's billionaire 'screw king' tightens the screws on the U.S.: no more investment until Trump goes



ne of the world's biggest suppliers of assembly and fastening materials, Germany's Würth Group, will not invest any more in the United States while President Donald Trump is in power, the patriarch of the Würth family has said.

Reinhold Würth, popularly known in Germany as the "Screw King," told the Sunday newspaper Bild am Sonntag that he had "made sure we are no longer investing in the U.S. at the moment."

"We make 14% of our annual sales there—€1.8 billion [\$2.1 billion]—but I do not want to increase our engagement in America any further," he said, explaining how he still made his presence felt at the privately-held company at the age of 83.

Würth said his reticence about further investment was based on the "general, uncertain political situation" in the U.S. "I said, we'll wait and see if President Trump is re-elected in four years," he told the paper. "Würth returns when he goes."

The billionaire's comments came just after President Trump imposed hefty tariffs on steel and aluminum imports from the EU, Canada and Mexico. According to U.S. figures, Germany is the source of 4% of American steel imports. Just over 2% of U.S. aluminum imports come from Germany.

Trump is also pushing for 25% tariffs on car imports, and seems particularly angry about German luxury cars having a place on American roads. Germany is Europe's biggest exporter of automobiles to the U.S.

Last November, the group bought Weinstock Bros, a venerable New York maker of supplies for the construction industry—the fifth transaction in three years for Würth Industry North America. A Würth spokesperson told Fortune that no additional acquisitions are currently planned in the U.S.

#### Würth Group closes first half of 2018 with sales of EUR 6.8 billion

Würth Group reported sales for the first half of 2018 of €6.8 billion (US\$7.9 billion), up 6.5 percent from the same period a year ago. Adjusted for exchange rates, sales growth even stands at 9.0 percent. The operating result increases to EUR 400 million.

Adjusted for foreign currency effects, growth comes to 9 percent. The companies in Germany achieved sales growth of 7.9 percent and total sales of €2.9 billion (US\$3.4 billion), while sales growth abroad amounted to 5.4 percent. The Würth Group's companies in Eastern and Southern Europe are still developing very well, reporting sales growth rates in the double digits.

"We still expect that we will be able to report sales and operating result records again in 2018, even if the ifo Business Climate Index has dropped slightly in June and economic forecasts are only cautiously optimistic," Robert Friedmann, chairman of the Central Managing Board of the Würth Group. •

#### Bossard sales grew 13% in 2018 first half

The Bossard Group continues its high-level growth. In the second quarter, the Group posted an impressive 15.1 percent sales growth to CHF 225.9 million after 10.9 percent in the first quarter.

Sales in the first half of 2018 rose by 13.0 percent to CHF 446.3 million. This boost in performance reflects the high growth in sales across all three market regions: Europe, America and Asia.

The results for the first half of 2018 also underscore once more the profitability-oriented growth strategy that Bossard is following: Excluding last year's extraordinary income of CHF 4,5 million net from a real-estate sale, net income in the first half of 2018 rose an impressive 20.4 percent to a new record high of CHF 49.0 million.



Business in Europe accounted for about 58 percent of total sales in the first half of the year and contributed substantially to the above-average performance. In Europe, the Bossard Group boosted sales by 16.7 percent to CHF 260.5 million (+10.4 percent in local currency).

The America business posted strong gains in the first half of the year as well. Sales rose by 4.5 percent to CHF 119.5 million, which translated into an even higher 7.7 percent in local currency.

In Asia, the investments made in past years to expand the distribution network continue to pay off. Sales in the first half of the year grew by a healthy 15.3 percent to CHF 66.3 million (+11.8 percent in local currency). China, the most important market in Asia, was a major contributor to this substantial increase.

The Bossard Group's high sales growth overall drove yet another marked increase in net income. The results, excluding last year's extraordinary income of CHF 4,5 million net from a real-estate sale, once again demonstrate that Bossard's profitability-oriented strategy is on the right track. On a comparable basis, net income rose by 20,4 percent to a new record high of CHF 49.0 million.

#### NORMA Group to acquire water management company in India

Name of Composition of Composition of Composition (EF), and compression fittings valves, and proprietary equipment for Micro-irrigation Industry. It was promoted by Mr. Krishen Khanna in 1996, and its revenues for FY 18 is INR 175 crores.

NORMA Group started operations in India in 2008 with a plant in Pune focusing on fluid handling and joining technology mainly for the automotive industry in India. NORMA Group has been expanding into the water management business since 2012 by making select acquisitions in Malaysia, Australia and the US. "It is of existential importance to provide people with resources such as water and gas," said Bernd Kleinhens, Chairman of the Management Board of NORMA Group. "We are expanding our expertise in water management solutions in the fast growing Indian market by adding Kimplas' leading products to our portfolio. •

# Russia launches tariffs on U.S. as Kremlin calls Trump's move "protectionist"

Russia has raised tariffs on a handful of U.S. imports after the Kremlin condemned President Donald Trump's tariffs on foreign steel and aluminum as protectionist.

Speaking as Moscow approved new restrictions on U.S. road construction equipment, oil and gas equipment, metal processing and rock-drilling tools, as well as optic fiber, Russian Economic Development Minister Maxim Oreshkin said the move was a response to U.S. tariffs.

The U.S. move stems from a decision by Trump in March to charge Russia, and also Canada, the European Union, Mexico and others, more money to import steel and aluminum into the U.S. for "national security" reasons.

"The compensatory measures are applied in the form of additional increased rates of import duties in the amount of 25 to 40 percent of the value of the imported goods," Oreshkin said on Friday, according to Russian business newspaper Vedomosti.



# US hikes Section 301 tariff on Chinese goods to 25%, including fasteners

The Office of the U.S. Trade Representative announced that the Section 301 duty to be imposed on \$200 billion worth of Chinese goods, including fasteners, will be 25% instead of 10% announced on July 10.

The tariffs will not go into effect immediately but will undergo a review process till Sept.5.

#### Fasteners are on the list, including:

#### HTS US subheadings and product description

- 7316.00.00 Iron or steel, anchors, grapnels and parts thereof
- 7318.11.00 Iron or steel, coach screws
- 7318.12.00 Iron or steel, wood screws (o/than coach screws)
- 7318.13.00 Iron or steel, screw hooks and screw rings
- 7318.14.10 Iron or steel, self-tapping screws, w/shanks or threads less than 6 mm in diameter
- 7318.14.50 Iron or steel, self-tapping screws, w/shanks or threads 6 mm or more in diameter
- 7318.15.20 Iron or steel, bolts and bolts & their nuts or washers, imported in the same shipment
- 7318.15.40 Iron or steel, machine screws (o/than cap screws), 9.5 mm or more in length and 3.2mm in diameter
- 7318.15.50 Iron or steel, threaded studs
- 7318.15.60 Iron or steel, screws and bolts, nesoi, having shanks or threads less than 6 mm in diameter
- 7318.15.80 Iron or steel, screws and bolts, nesoi, having shanks or threads 6 mm or more in diameter
- 7318.19.00 Iron or steel, threaded articles similar to screws, bolts, nuts, coach screws & screw hooks, nesoi
- 7318.21.00 Iron or steel, spring washers and other lock washers
- 7318.22.00 Iron or steel, washers (o/than spring washers and other lock washers)
- 7318.23.00 Iron or steel, rivets
- 7318.24.00 Iron or steel, cotters and cotter pins
- 7318.29.00 Iron or steel, nonthreaded articles similar to



rivets, cotters, cotter pins, washers and spring washers

- 7415.10.00 Copper or iron/steel w/heads of copper, nails and tacks, drawing pins, staples and similar articles
- 7415.21.00 Copper, washers (including spring washers)
- 7415.29.00 Copper, rivets, cotters, cotter pins and similar non-threaded articles (o/than washers)
- 7415.33.05 Copper screws for wood
- 7415.33.10 Muntz or yellow metal copper bolts
- 7415.33.80 Screws (other than wood screws), bolts (other than Muntz or yellow metal) and nuts, of copper, threaded, nesoi
- 7415.39.00 Copper, screw hooks and other threaded articles, nesoi
- 7616.10.10 Aluminum, nails, tacks and staples
- 7616.10.30 Aluminum, rivets
- 7616.10.50 Aluminum, cotters and cotter pins
- 7616.10.70 Aluminum, screws, bolts, nuts, screw hooks, washers and similar articles w/shanks, threads, or holes o/6 mm in diameter
- 7616.10.90 Aluminum, screws, bolts, nuts, screw hooks, washers and similar articles w/shanks, threads or holes 6 mm or less in diameter ◆

#### Us ports fear tariffs could reduce ship traffic and jobs

Ports and ground terminals in nearly every state handle goods that are now or will likely soon be covered by import tariffs. Port executives worry that this could mean a slowdown in shipping that would have ripple effects on truckers and others whose jobs depend on trade.

The Associated Press analyzed government data and found that from the West Coast to the Great Lakes and the Gulf of Mexico, at least 10 percent of imports at many ports could face new tariffs if President Donald Trump's proposals take full effect.

Since March, the U.S. has applied new tariffs of up to 25 percent on nearly \$85 billion worth of steel and aluminum and various Chinese products, mostly goods used in manufacturing.

In New Orleans, port officials say a tariff-related drop in shipments is real, not merely a forecast. Steel imports there have declined more than 25 percent from a year ago, according to the port's chief commercial officer, Robert Landry.

The port is scouting for other commodities it can import. But expectations appear to be low.

"In our business, steel is the ideal commodity," Landry said. "It's big, it's heavy, we charge by the ton so it pays well. You



never find anything that pays as well as steel does."

The port of Milwaukee officials continue to worry, though, that Trump will make good on a plan to expand tariffs to an additional \$200 billion in Chinese imports — a list that includes fasteners, fish and other foods, furniture, carpets, tires, rain jackets and hundreds of additional items. Tariffs would make those items costlier in the United States. And if Americans buy fewer of those goods, it would likely lead to fewer container ships steaming into U.S. ports.

The impact will be felt keenly at West Coast ports like Los Angeles and Long Beach.

Los Angeles Mayor Eric Garcetti, relying on information from his port officials, said his port — the biggest in the United States — could suffer a 20 percent drop in volume if the additional \$200 billion in tariffs are imposed against Chinese goods. •

# July marked Fastenal's 14th-straight month with at least 12% daily sales growth

astenal shared its July 2018 sales information on Tuesday, showing another strong month for the company.

The Winona, MN-based fastener and vending solutions provider had July sales of \$411.6 million, up 17.6 percent year-over-year (YoY) overall, with daily sales up 12.0 percent. June had sales of \$427.2 million.

It was the company's 14th-straight month with at least a 12.0 percent YoY increase in daily sales.

Fastenal plans to build new Mississippi Distribution Center By 2019. ◆

# PennEngineering wins \$14m judgment against patent and trademark infringer

PennEngineering has obtained a \$14,000,000 judgment and permanent injunction against Dongguan Fenggang Pinconn Hardware Factory trading as "Pinconn," based on Pinconn's counterfeiting and infringement of more than 12 PennEngineering patents and trademarks.

In addition to being permanently restrained from selling the infringing products and being ordered to remove the infringing content from its website, Pinconn was ordered to pay PennEngineering \$14,000,000 for statutory damages. The final order has been recorded with Customs to prevent importation to the U.S. of Pinconn products.

The original complaint was filed against Pinconn on October 13, 2017, in response to Pinconn's scheduled appearance at the Las Vegas International Fasteners Expo, where PennEngineering enforced against Pinconn a Preliminary Injunction Order issued by the U.S. District Court for the Eastern District of Pennsylvania, resulting in the removal of all of Pinconn's signage, advertising materials, and infringing product at its trade show booth. The Preliminary Injunction also forced Pinconn to abandon its booth at the 2017 Design & Manufacturing Expo in Minneapolis.

As in the past, PennEngineering will continue to enforce its intellectual property rights worldwide. ◆

# US July Fastener Distributor Index surges further, but indicates looming slowdown

R.W. Baird and FCH Sourcing Network released their monthly Fastener Distributor Index (FDI) for July, showing a second-straight month-over-month surge, while distributor commentary indicates concern over a looming market slowdown in the wake of tariffs.

The seasonally-adjusted July FDI showed a mark of 69.2, up 6.9 percentage points from June and up a whopping 14.1 points year-over-year. The index has jumped 12.8 points from the start of May following declines in five of the previous seven months. FDI's seasonally-adjusted sales index soared 15.4 points from June to a July mark of 89.6, topping July 2017's 86.6 as a new record.

According to the FDI, 68 percent of respondents indicated sales were better relative to seasonal expectations, compared to 59 percent in June and 54 percent in May.

Looking at other FDI metrics in July:

Employment index decreased to 64.7 from 68.5 in June Supplier Deliveries index increased to 83.8 from 77.8 in June Month-to-Month Pricing index dipped to 82.4 from 83.3 in June Year-to-Year Pricing index dipped to 89.7 from 90.7 in June Respondent Inventories index increased to 55.9 from 50.0 in June Customer Inventories index increased to 39.7 from 33.3 in June

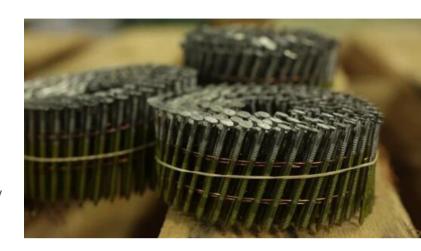


# Largest US nail manufacturer 'on the brink of extinction' because of the steel tariffs

Steel tariffs could force the nation's largest nail manufacturer to close or move to Mexico.

The Mid-Continent Nail plant in Poplar Bluff, Missouri, laid off 60 of its 500 workers last week because of increased steel costs. The company blames the 25% tariff on imported steel. Orders for nails plunged 50% after the company raised its prices to deal with higher steel costs.

The company is in danger of shutting production by Labor Day unless the Commerce Department grants it an exclusion from paying the tariffs, company spokesman James Glassman told CNN's Poppy Harlow.



Mid-Continent Nail is "on the brink of extinction," he said.

Glassman said the company might relocate to Mexico, where it could buy the steel without the tariffs — and then export the finished nails back to the United States without tariffs, which only apply to raw materials.

"It's obviously an option," said Glassman about moving to Mexico. "It absolutely is something this company does not want to do. It wants to save the jobs in Poplar Bluff, Missouri."

Glassman called President Donald Trump's trade policy misguided. He noted that the company had doubled its work force since 2013, and thrived despite increased competition from China.

About 21,000 US companies have filed for tariff exclusions. In a June 20 Senate hearing, Commerce Secretary Wilbur Ross said Mid-Continent had filed a request for an exclusion only two days earlier.

"I'm not belittling their situation at all. But given the importance of it to them, it's very unfortunate that they waited all these weeks to file the request," he said. "Under the authority we were granted, there is a process we have to follow."

The US Chamber of Commerce has estimated that 2.6 million US jobs are at risk because of the Trump administration's hard-line policies on trade, although that estimate includes the impact of ending NAFTA. A separate analysis by research firm Moody's Analytics estimates that 2.4 million jobs could be lost by the end of 2019 just from the impact of tariffs.

The area of Missouri where the plant is located voted 80% for President Trump. Glassman said he can't say whether people in town are still supporting the president.

"They are scared, they are worried about their families. It's not like there are tons of other manufacturing jobs," he said. "If I were a Mid-Continent worker, I would be extremely unhappy with what this administration is doing."

#### NFDA elects new president, board members for 2018-2019

Kelly Cole of Hayes Bolt & Supply (San Diego, CA) was elected as the 2018-2019 president of the National Fastener Distributors Association (NFDA) at the group's 2018 annual meeting June 5-7 in Chicago. Dan Zehnder of Trinity Logistics Corporation (Waukesha, WI) will serve as vice president; Bruce Hayes of Sems & Specials (Rockford, IL) will serve as associate chair; and Kevin Miller of Bamal Corporation (Charlotte, NC) will remain on the Board as immediate past president.

Four new Board members were elected to serve on the NFDA Board: Adam Derry of Field (Machesney Park, IL), Keven Simmer of Wurth DMB Supply (Des Moines, IA), Scott Somers of Mid-States Bolt & Screw Company (Flint, MI), and Bryan Wheeler of Star Stainless Screw (Wood Dale, IL).



Kelly Cole General Manager of Hayes Bolt & Supply (San Diego)

Continuing on the NFDA Board are Rich Megliola of Vertex Distribution (Saint Charles, IL), Doug Ruggles of Martin Fastening Solutions (Florence, AL), and Jun Xu of Brighton-Best International (Santa Fe Springs, CA).

The NFDA 2018 Annual Meeting also included Executive Sales Planning Sessions and an economic update presented by Alan Beaulieu of ITR Economics.

Tribute was paid during the NFDA annual meeting to retiring Board members Kevin Godin of AFC Industries (Fairfield, OH), Adam Pratt of Sherex Fastening Solutions (Tonawanda, NY), Jennifer Ruetz of AIS-All Integrated Solutions (Franksville, WI), and Marc Strandquist of Wurth Industry of North America (Greenwood, IN).

During the annual business meeting, Kelly Cole gave an update on the association's activities during the past year and plans for the coming year, with a message of inclusion and a goal of reducing fragmentation that currently exists among industry associations. •

#### IFI names new managing director

The Industrial Fasteners Institute (IFI) is pleased to announce the appointment of Dan Walker, P.E. as the institute's Managing Director. The IFI Board of Directors announced the selection following a comprehensive search for a leader who understands the invaluable contributions the fastener industry makes to the North American economy, and who can provide strategic direction, motivation and new energy to the mission of IFI.

Walker comes from the Metal Building Manufacturers Association (MBMA), where he served in a number of technical roles over the years prior to being named the group's General Manager. Dan has over 20 years of trade association management experience, having also served as the Executive Director of the Concrete and Masonry Anchor Manufacturers Association (CAMA). Walker earned his Bachelor of Science degree in Civil Engineering from Cleveland State University, and he is a licensed Professional Engineer in



the State of Ohio. His considerable association management experience will prove invaluable to IFI as they continue to grow and work on new initiatives set forth in their strategic plan for the benefit of the North American fastener industry. •

Taicang Chaoyi Fasteners Co., Ltd., founded in August 2001 in Taicang City, Jiangsu Province, is a Taiwan-owned enterprise with total investment of 10 million US dollars and registered capital of 5 million US dollars, covering an area of 15,000 square meters.

We have introduced a full set of advanced multi-station cold forging machines from Taiwan and are equipped with comprehensive testing instruments. We can produce non-standard bolts, nuts and shaft parts in various materials. In May 2015, we passed the TS16949 certification, so that we have rich experience in researching and developing automotive hardware products.

Our products are widely applied in many industries, such as vehicles, top-grade construction, electronics, electrical, power tools, bicycles, sports equipment, etc., supporting numerous well-known enterprises from home and abroad.

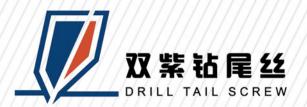
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Email: vivianwang@hdshuangzi.com Website: www.hdshuangzi.com



IN EURASIA" 2018, organized by Deutsche Messe's subsidiary Hannover Fairs Turkey, brought together the leading national and international companies of the sector at Istanbul in between 15th - 18th March. 4 days event, occupied 34,615 net sqm, brought together 1813 exhibitors from 22 countries with 75.368 visitors from 146 countries with an enormous international visitor increase representing 51.2 % compared with the 2017 WIN Eurasia editions. Top 10 visiting countries were from Turkey, Iran, Ukraine, Germany, Bulgaria, Saudi Arabia, Lebanon, Algeria, Egypt, Tunisia.

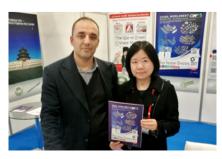
More over, significant visitor increase from Italy, United Kingdom, Poland, Russian Federation, South Africa, U.A.E and U.S.A compared with the previous years were one of the most remarkable record of the "WIN Eurasia" 2018. Turkish

and international exhibitors from 22 countries such as Canada, Mainland China, France, Germany, Greece, India, Italy, Japan, Netherlands, Poland, Russia, Spain, South Korea and China Taiwan had the opportunity to introduce their advanced technology products to the whole industry at one stop. Over all halls, the backbone of the future, Industry 4.0, was shown in a huge variety and proofed once again that WIN Eurasia is the only event in Turkey where the future of the industry is to be seen.

The world's industrial giants competed to exhibit their latest technologies at the exhibition with its special areas and new applications offered as part of a new concept focusing on Industry 4.0. International firms exhibited their robot and automation technologies, IT solutions and software as well as network platforms at WIN EURASIA, which gathered all components of 360 degree manufacturing industry.

Technology investments have gained momentum with collaborations realized by Turkish industrialists in the exhibition organized with the concept of Industry 4.0. The visitors of WIN EURASIA had the opportunity to closely experience the technological developments such as automation, digitalization, internet of things, augmented reality and layered production. Over all halls, especially in Hall 14 many exhibitors, showcased Industry 4.0, the industry of tomorrow. For sure, WIN 2019 will show another step into the future.

Save the Date: 14 – 17 March 2019! ◆



# **WIN EURASIA 2019**

**Leading Trade Fairs of the Manufacturing Industry** 

# 14 - 17 March 2019

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The 3rd Manufacturing World Nagoya which was held on April 11-13, 2018 at Portmesse Nagoya, saw a great success.

According to the organizer, the show attracted around 1,140 exhibitors and 35,361 professional visitors from all round the world.

The concurrent shows included 3rd Design Engineering & Manufacturing Solutions Expo Nagoya (DMS), 2nd Factory Facilities & Equipment Expo Nagoya (FacTex) and 2nd Aerospace Technology & Component Expo Nagoya (Aero Tech).

China Fastener Info (CFI), as one of the media partners, attended the show with the popular *China Fastener Directory (CFD)* magazines (Hall3, 1-89), kicking off its 106th global trip.

Manufacturing World Nagoya is a

purely business to business trade show in Nagoya, specializing in the products, technologies and solution for manufacturing industry. All kinds of mechanical parts/subcontracting services (fasteners, springs, tube components, etc.), IT services (CAD, CAM, production management system, etc.), products/equipment for factory maintenance (factory facilities/ equipment, energy saving products, etc.) and technologies/components for aerospace manufacturing (ultraprecision materials processing, mechanical parts, etc.) are exhibited under one roof. It is held in Nagova which is one of the central areas of the Japanese manufacturing industry.

As with the decrease of population, labor force of Japan fell year by year which as a result lays a huge burden on companies for the increasing cost. To deal with the problem, Japan is eager to introduce the new philosophy

of "the fourth industrial revolution". The government encourage companies to develop towards the high-end and intelligence. Thus most the exhibitors showed to visitors how their products were high level and intelligent.



### Exhibit at Japan's Largest\* Mechanical Components Trade Show!



Held inside Manufacturing World

# MECHANICAL COMPONENTS & MATERIALS TECHNOLOGY EXPO

# M-Tech

**OSAKA** [Oct. 2018]

TOKYO

[Feb. 2019]

NAGOYA [Apr. 2019]

Dates: October 3 (Wed) – 5 (Fri), 2018 Venue: INTEX Osaka, Japan Organised by: Reed Exhibitions Japan Ltd.

Dates: February 6 (Wed) – 8 (Fri), 2019 Venue: Tokyo Big Sight, Japan <u>Organised by: Reed Exhibitions</u> Japan Ltd. Dates: April 17 (Wed) – 19(Fri), 2019 Venue: Nagoya Portmesse, Japan Organised by: Reed Exhibitions Japan Ltd.



Website: www.japan-mfg.jp/en/





Collowing two successful days, the inaugural Fastener Fair USA, came to a triumphant close at the Huntington Convention Center in Cleveland, OH, USA on April 12, 2018.

More than 2,000 registrants attended the show representing professionals from the entire supply chain, exceeding the expectations of the show organizer, Mack Brook Exhibitions, Inc.

There were over 250 exhibitors from 20 countries looking to connect with customers in the heart of the Midwest manufacturing region representing a variety of industries like distribution, automotive, aerospace, energy, civil engineering, and construction.

Fastener Fair USA focused on creating a premier event to bring together manufacturers, distributors, suppliers and end users in this fastener and joining technology exhibition.

"The feedback we have received from exhibitors and attendees has been overwhelmingly positive," said Jessica Boweak, Exhibition Manager for Fastener Fair USA. "The exhibitors were connecting with the people they wanted to meet and the education sessions offered unique value not seen at other fastener events. Many exhibitors are already planning their participation in 2019, with nearly 20% of the floor already reserved."

The next Fastener Fair USA will be held in Detroit, MI at the Cobo Center on May 22-23, 2019. ◆





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nvestment has gone up worldwide — in infrastructure, the automotive sector, the electrical industry, regenerative energy projects and in oil and gas pipelines. And the upstream supplies industries wire, cable and pipes have substantially benefited from this development at the international No.1 trade fairs wire and Tube in Düsseldorf from 16 to 20 April 2018.

Across Germany steel and metal processing counts among the ten mayor sectors of industry. These sectors are strongly characterized by SMEs, by traditional growth and innovation. But even major groups of companies are now realigning their operations, following digital optimization processes and reorganizing their distribution channels, both nationally and internationally.

"As trade fair organizers we have

once again succeeded in offering the wire, cable and pipe industries a global platform in Düsseldorf as a Basis for Business," delighted Joachim Schäfer, Managing Director at Messe Düsseldorf GmbH, after five successful days at the trade fair.

Orders for capital goods like machinery, plants and vehicles are very high and the German economy is very much benefiting from the positive global business climate. More than 71,500 trade visitors (compared to 69,500 in 2016) from 134 countries came to Düsseldorf over the five days to find out about industry innovations and conclude business deals at the world's No. 1 trade fairs wire, the international wire and cable fair, and Tube, the international pipe and tube fair.

A total of 2,683 companies from 67 countries presented their technology highlights in 16 exhibition halls on

more than 117,000 square meters – some 7,000 square meters of space more than at the previous events in 2016!

Being the internationally leading communication and business platforms for their respective sectors participation in these two international top trade fairs is a must for all industry players. The steel and NF metal industries have always been reliable early indicators for all other industries — if things go well here, the economy as a whole will benefit.

#### wire 2018

Wire and cable machines, wire and cable production, trade with these materials as well as fibre glass technologies, mesh welding machinery, spring making, fastener technologies and the China Pavilion meet china's expertise were presented in exhibition halls 9 to 16. A total

of 1,442 exhibitors from 53 countries showcased their innovations on space exceeding 65,000 square meters.

Most wire exhibitors came from the major producer countries Italy, Germany, Turkey, Great Britain, France, Spain, Austria, the Netherlands and Switzerland. From overseas many exhibitors from the USA, India, China Taiwan, South Korea and Mainland China travelled to the exhibition halls on the Rhine.



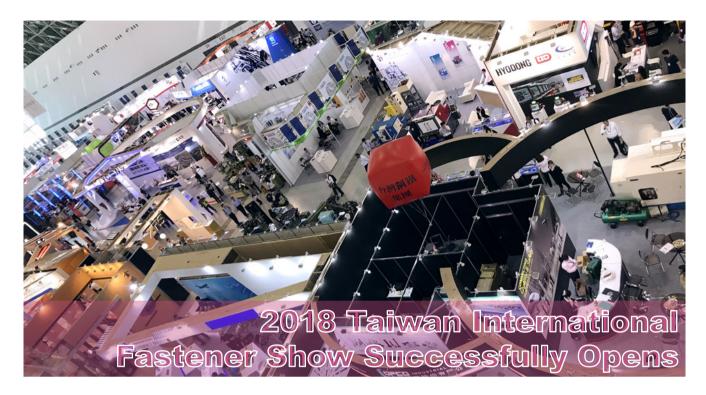
#### **Tube 2018**

The ranges at Tube 2018 encompassed pipe and tube materials, manufacturing, finishing, processing, pipe and tube accessories, trade and forming technology including profiles, plastic tubes, machinery and plants as well as the China Pavilion meet china's expertise. Tube was held in Halls 3 to 7a, 7.0 and 16 to 18 occupying in excess of 52,000 square meters of exhibition space. 1,241 companies from 57 countries were presented.

At Tube most exhibitors hailed from Italy, Germany, Turkey, Spain, the Netherlands, Great Britain, Switzerland, Austria and France. Most overseas exhibitors travelled from the USA, Mainland China, India, South Korea and China Taiwan to Düsseldorf.

30 March to 3 April 2020 will see wire and Tube held again together at the Düsseldorf exhibition centre. For current information on both trade fairs visit the internet portals at www.wire.de and www.Tube.de. ◆





The 5th Taiwan International Fastener Show (FASTENER TAIWAN) was unveiled at Kaohisung Exhibition Center on April 10-12, 2018.

FASTENER TAIWAN is the only international B2B fastener show in Taiwan, serving as a trading platform for sourcing and procurement, drawing more than 410 exhibitors using 1,100 booths to showcase their latest products with innovative and integrated strengths.

China Fastener Info (CFI) as one of the media partners attended the show. The all English-version magazine, China Fastener Directory (CFD) was quite popular onsite.

Taiwan is renowned for its 60-plus years of fastener manufacturing history and has always been a stable supplier in the fastener industry, earning the global reputation as "the kingdom of screws."

The unique industrial clusters that synergize every facet of fastener related supply chains allow these products gain great popularity throughout the world for their prompt delivery, excellent quality and competitive utility.

In addition to its well-rounded exhibits, FASTENER TAIWAN was packed with abundant activities, including Global Fastener Summit, VIP Dinner, 1-on-1 Procurement Meetings, and Talent matchmaking. All served as networking hubs for buyers, exhibitors and industry players to interact, explore future business opportunities and share market trends. •





The 24th edition of METALTECH, Malaysia's leading metalworking and machine tools exhibition, and the 11th installment of AUTOMEX, the pioneering automation technology showcase, were successfully held during 23-26 May 2018 at the Putra World Trade Centre in Kuala Lumpur. China Fastener Info participated the show as media partner (Hall 1, 1405).

Newly acquired by global B2B event organizer UBM, METALTECH took a big step forward this year in joining UBM's Machine Tools Series of events across Southeast Asia, which includes the like of Manufacturing Indonesia, MTA Vietnam, Intermach Thailand and MTA in Singapore. Future synergies across the five regional trade fairs is set to open doors to exciting new opportunities for exhibitors and visitors alike.

METALTECH's sister exhibition AUTOMEX was once again a key exhibition highlight, as it showcased a gamut of the latest technologies related to robotics innovations, automation and more. AUTOMEX ran in Hall 6 with additional pavilions in Hall 4.

METALTECH and AUTOMEX have also premiered their biggest ever live demonstrations and product showcases at this year's event.

METALTECH debuted its first live manufacturing process setup entitled 'End-to-End Solutions in Smartphone Manufacturing Processes' in Hall 4, which aimed to highlight how Precision Engineering, Collaborative Robots, and Artificial Intelligence (AI) have enabled breakthroughs in smartphone manufacturing. The setup features ten companies collaborating to form the manufacturing process.

Meanwhile, AUTOMEX featured its own groundbreaking product showcase entitled 'Innovative Robotics Display' at Hall 6, which highlighted an impressive array of innovations from three highly progressive companies.

The next edition will be held during May 15-18, 2019 at new venue Malaysia International Trade and Exhibition Centre (MITEC), Kuala Lumpur, Malaysia. ◆





The 2018 edition of **Vietnam Manufacturing Expo** closed its curtain on August 10, 2018 with over 7,933 industrialists and part makers who came to find the right technologies for their smart factories and utilize them to further upgrade the productivity and capacity of Vietnam's manufacturing and supporting industries. China Fastener Info, embarked on its 111th global trip by exhibiting at the exhibition as media partner (Booth No. M06).

According to the statistics from China customs, China exported 62,814 tons of fasteners to Vietnam in 2017, accounting for 2.2% of the total export volume. In terms of export value, the fasteners that China exported to Vietnam valued 134,173,981 US dollars, taking up 2.7% of the total export value. Vietnam has become the 8th biggest export market for China's fasteners, ranking the first among the ASEAN countries.

According to Capgemini's Digital Transformation Institute, in the next five years, smart factories may contribute as much as \$500 billion in added value to the global economy. Smart technologies offer a significant competitive advantage for manufacturers, such as increasing output, quality, and consistency. But they're not easy to implement. Mr. Suttisak Wilanan, Deputy Managing Director of Reed Tradex said that "76% of manufacturers have an ongoing smart factory initiative or are working towards one, only 14% are satisfied with their level of success. However, manufacturers should not feel overwhelmed, especially

for an early stage of manufacturing development's country like Vietnam and those embarking on their journey should not change too much too soon or do so without the proper counsel".

For this reason, this year, from **8 – 10 August, "Vietnam Manufacturing Expo 2018"** with over 200 leading brands and experts in the industry from over 20 countries, 4 international pavilions from Japan, Singapore, Thailand and China Taiwan, concentrated to provide the technologies, solutions as well as the practical experiences about smart factory to support Vietnam manufacturers to overcome early-adoption challenges of Industry 4.0.

Universal Robots which is the world's first company create commercial Collaborative robot (or cobot) successfully, joined "Vietnam Manufacturing Expo 2018" with the vision to introduce a robot that could serve as a tool for factory workers. Mrs. Shermine Gotfredsen — General Manager, Universal Robots in Southeast Asia and Oceania shared,

"Some manufacturers have had mechanical systems in place for over 50 years. In the recent competitive industry, it is important that manufacturers take advantage and replace outdated machinery effectively, not just upgrade it. For this reason, we decided to cooperate with Reed Tradex to hold 'Cobot Showcase'at Vietnam Manufacturing Expo 2018 to help Vietnam manufacturers have a best understanding about Cobot, its capacities and how to apply it in the production chain in the most efficient, economical and safely way."

Beside of Universal Robots, there were the presentative of leading brands in robotics and automation such as Hiwin, Kuka (Vieweg), ABB (Weldcom) and OTC (New century)...

Metrology technology was another critical technology which was showcased to support for the concept of smart factory at "Vietnam Manufacturing Expo 2018".

Mr. Nguyen Thanh Dat, Sales Leader of Keyence Viet Nam Co., Ltd shared that it's time for Vietnam - one of the most promising markets in ASEAN for manufacturing and industrial works – needs to prepare to meet the everchanging demands in the market. "There is a need for more new requirements for human capital in the wake of Industry 4.0. A nurtured and invested tech-savvy population will be equipped to operate IoT technologies or smart factories that are deployed in various business operations."

Nikon and Hexagon were another metrology technology providers who also joined "Vietnam Manufacturing Expo 2018" to share about the new innovations and applications to ensure that a machining process is within specification and that the resulting part meets the design requirements of fit, form and function.

At "Vietnam Manufacturing Expo 2018", special activities with a wealth of knowledge and skill trainings was available. The organizer provided "Shows in Show" activity which was guided tour for all participants to easily access to state-of-the-art technologies, machinery, and solutions whether it be parts, components, inspection, welding, robotic technologies and much more at the exhibition. The "Welding Competition" came back again, continued to encourage Vietnamese welders to develop their welding skills, as well as update new trends in market.

"Vietnam Manufacturing Expo 2018" coordinated with local experts and association such as Vietnam Electronic Industries Association (VEIA) and Vietnam-German Technology Transfer and Training Center (HwC) to organize the VME Forum. Many subjects was discussed, such as "Market development and industrial products commercialization in the context of integration", "Situation and prospects of production and export of electronic products and components in Vietnam", and many more. Over 300 delegates attended to plan and adapt these new knowledge to benefit their business efficiency in the future.

Next year, **Vietnam Manufacturing Expo** will take the return from **14 - 16 August, 2019**, again at Hanoi International Center For Exhibition (I.C.E). More information can be found at: https://www.vietnammanufacturingexpo.com/ ◆





anufacturing Expo 2018 was successfully held at BITEC, Bangkok, Thailand during June 20-23, 2018. The expo was consisted of 6 specialized shows, namely InterPlas Thailand 2018, InterMold Thailand 2018, AUTOMOTIVE MANUFACTURING 2018, SURFACE & COATINGS 2018, ASSEMBLY AND AUTOMATION 2018, and ROBOT X ME.

Once again, "Manufacturing Expo" as ASEAN's leading machinery and technology event for manufacturing and supporting industries, delivered unique technology demonstration experiences, which continued to create an incredible buzz for 90,769 industrialists in Thailand and Southeast Asian countries. Diverse world-class technologies gathered to unveil solutions to achieve productivity with speed, efficiency and durability for the age of Industry 4.0. Knowledge was abundant as seen from visitors participating in seminar sessions and activities.

For further information, please visit www.manufacturing-expo.com. ◆



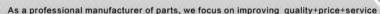
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### China-EU Fastener Trade Statistics in 2017

#### China Fastener Exports to the EU in 2017

	Cililla i asterici	exports to the Lo in	2017		
Rank	Country	Export Value (EURO)	Export Qty (Kg)		
1	Germany	215,665,595	110,797,000		
2	Italy	108,676,163	64,604,000		
3	Netherlands	96,979,667	59,179,000		
4	United Kingdom	91,530,516	54,817,000		
5	Poland	67,627,583	52,813,000		
6	Spain	59,610,014	45,473,000		
7	France	50,215,362	23,541,000		
8	Austria	31,532,541	11,734,000		
9	Belgium	29,939,516	23,071,000		
10	Czech Republic	29,059,420	21,411,000		
11	Sweden	28,355,037	12,847,000		
12	Romania	15,884,140	11,181,000		
13	Denmark	15,784,684	7,273,000		
14	Hungary	13,958,896	6,168,000		
15	Slovakia	<b>Slovakia</b> 12,226,756			
16	Finland	9,861,226	5,310,000		
17	Lithuania	8,106,075	6,415,000		
18	Portugal	7,231,132	6,020,000		
19	Bulgaria	5,899,287	4,573,000		
20	Greece	5,850,855	5,154,000		
21	Ireland	5,143,416	1,317,000		
22	Estonia	2,952,389	1,113,000		
23	Slovenia	2,838,717	1,918,000		
24	Croatia	2,345,044	2,054,000		
25	Latvia	1,966,279	1,593,000		
26	Cyprus	743,836	584,000		
27	Malta	427,621	100,000		
28	Luxembourg	89,686	_		
EU28		920,501,453	549,037,000		

#### China Fastener Imports from the EU in 2017

Rank	Country	Import Value (EURO)	Import Qty (Kg)
1	Germany	638,998,771	86,363,000
2	France	56,777,608	5,058,000
3	United Kingdom	44,197,816	3,444,000
4	Italy	29,198,501	4,672,000
5	Sweden	18,731,201	1,277,000
6	Hungary	18,372,505	2,791,000
7	Spain	14,478,936	2,693,000
8	Austria	12,515,690	828,000
9	Netherlands	11,644,819	790,000
10	Czech Republic	11,057,627	1,779,000
11	Belgium	8,231,726	351,000
12	Poland	5,285,449	708,000
13	Denmark	3,670,138	336,000
14	Bulgaria	3,080,754	99,000
15	Finland	1,200,447	58,000
16	Romania	835,503	68,000
17	Ireland	531,891	25,000
18	Slovakia	268,464	52,000
19	Slovenia	232,731	38,000
20	Portugal	83,532	16,000
21	Luxembourg	30,779	_
22	Lithuania	22,753	2,000
23	Croatia	7,922	_
24	Estonia	7,217	2,000
25	Latvia	3,372	_
26	Greece	2,196	_
27	Malta	596	
28	Cyprus	_	_
	EU28	879,468,944	111,450,000

### Taiwan's Fastener Exports Set Record High in H1

aiwan fastener exports did well in the first half of this year, setting new records in export volume, price and value.

The export volume of fasteners in the first six months of 2018 totaled 83,0299 tons, up 5.65% from the previous period. The average export price was USD 2.866 per kilogram, up 10.63%., and the export value was USD 2.379 billion, a significant increase of 16.89%.

Since last year, the growth of the American and European economy, coupled with increased demand from overseas markets and raised steel prices, led to China Steel Corp raising the price of wire rods, which provides the drive for Taiwan's fastener export to hit new records. The annual performance of Taiwan's fastener exports for the full year is likely to set new high record again.

#### Main Exporting Destinations of Taiwan's Top 10 Fastener Products (Inlcuding Steel Nails) in the First Half of 2018

	Volume (KG)			,	Value (USD)				
	Country	Volume	Proportion	YOY Change	Value	Proportion	YOY Change	Average Price	YOY Change
1	USA	322,817,367	40.08%	3.85%	904,594,071	38.01%	14.80%	2.718	10.54%
2	Germany	77,863,341	9.38%	6.62%	228,399,418	9.6%	26.86%	2.933	18.99%
3	Netherlands	47,997,890	5.78%	5.97%	136,581,917	5.74%	21.39%	2.846	14.55%
4	Japan	37,605,891	4.53%	9.80%	126,382,069	5.31%	19.17%	3.361	8.53%
5	Canada	30,210,669	3.64%	23.89%	80,931,226	3.40%	28.65%	2.679	3.84%
6	UK	28,542,024	3.44%	-8.68%	88,831,374	3.73%	2.99%	3.112	12.78%
7	Italy	21,556,381	2.60%	15.93%	56,794,881	2.39%	28.83%	2.635	11.13%
8	Poland	18,101,363	2.18%	-2.76%	36,753,927	1.54%	12.95%	2.03	16.15%
9	Switzerland	15,539,201	1.87%	-7.27%	50,361,441	2.12%	6.09%	3.241	14.41%
10	Spain	14,524,568	1.75%	8.81%	35,759,608	1.50%	23.07%	2.462	13.11%

#### Export Statistics of Top 10 Fastener Products (Inlcuding Steel Nails) in the First Six Months of 2018

		Vo	lume(KG)			Value(USD)		Average Pric	ce (USD/KG)
	Products	Volume	Proportion	YOY Change	Value	Proportion	YOY Change	Average Price	YOY Change
1	7318159000-Other screws and bolts	443,246,919	53.38%	6.12%	1,210,057,141	50.84%	17.13%	2.73	10.38%
2	7318160000-Nuts	156,599,539	18.86%	6.90%	492,414,655	20.69%	15.62%	3.144	8.16%
3	7318140000-Self- drilling screws	105,430,875	12.70%	11.12%	278,300,201	11.69%	24.38%	2.64	11.93%
4	7318120000-Wood screws	44,033,726	5.30%	10.89%	112,102,719	4.71%	22.98%	2.546	10.90%
5	7317009010-Steel nails	36,661,445	4.42%	-16.88%	52,785,010	2.22%	-4.58%	1.44	14.81%
6	7318220000-Other washers	9,700,921	1.17%	4.64%	47,120,150	1.98%	14.35%	4.857	9.28%
7	7318190000-Other threaded products	9,625,838	1.16%	-11.57%	47,097,479	1.98%	7.81%	4.893	21.92%
8	7318290000-Other non-threaded products	9,384,952	1.13%	18.93%	41,589,202	1.75%	25.25%	4.431	5.31%
9	7318230000-Rivets	3,974,089	0.48%	3.87%	16,734,442	0.70%	1.14%	4.211	-2.63%
10	7318240000-Pins	3,573,487	0.43%	-1.47%	17,358,944	0.73%	6.11%	4.858	7.69%

# Japan's Fastener Import & Export Analysis during 2013-2017

By Sharareh Shahidi Hamedani

Japan as the most famous industrialized country in Asia imported 870 million USD worth of fasteners from different countries and the value of its exported fasteners was about 2.87 billion USD in 2017. Based on these statistics, the value of Japan's exported fasteners is more than 300% higher than that of its imported fasteners. Japan is thus called a self-sufficient country in the fastener industry.



#### Values are in thousand USD

	2013	2014	2015	2016	2017
Imported Fasteners to Japan	930,771	916,336	822,642	804,834	870,525
Growth Rate		-1.6%	-10.2%	-2.2%	8.2%
Exported Fasteners from Japan	3,056,492	2,843,732	2,475,374	2,677,178	2,870,817
Growth Rate		-7.0%	-13.0%	8.2%	7.2%

It seems that between 2013 and 2015 Japan reduced its fastener prices (This decision could be related to its reducing GDP during the years). Statistics show that this strategy was not successful.

The value of imported fasteners decreased by more than 10% and the value of exported fasteners dropped by 13.0% in the period of price reduction. Japanese suppliers could recover their market in 2016 again, when they left this strategy.

In terms of fastener import, the main partners of Japan are Mainland China, China Taiwan and USA. These 3 regions have represented about 77% of Japan's fastener import market. Mainland China's market share is more than 35%; China Taiwan supports more than 26% of the fastener users in Japan and USA is ranked in the 3rd place. US fastener producers support more than 16% of Japan's fastener import market. Other countries altogether support 22.9% of Japan's fastener import market.

In terms of fastener export, Mainland China is the first market for Japanese fastener producers, while USA and Thailand are respectively ranked the 2nd and the 3rd market. These 3 countries bought about 60% of Japanese total fastener export. Statistics show that the average price of Japanese exported fasteners is between 8 to 9 USD per kilogram.



# Poland's Fastener Market in a Big Growth

Dr. Marek Langalis, Editor-in-Chief of Polish Fastener Magazine

ne of the former Polish prime ministers, a dozen or so years ago, said that in Poland large global manufactures are setting up only assembly plant. For the fastener business you cannot expect better news. The biggest number of fasteners is being used during the assembly process.

#### **Business in Poland**

Today fastener business in Poland is on one of the most impressive growth in Europe. Thanks to good industry result demand of bolts, screws and nuts is growing year by year. In 2017 year industrial manufacturing had a growth of +7,3% (construction was even better with +12,1%) and in 2016 it was +4,2%. In February this year Poland was chosen by the U.S. News as the 3rd best country to invest in the world (1st was Philippines and 2nd Indonesia). Poland's GDP is growing every year since 1992 with yearly average 4,1% (and 4,7% in 2017 yr). Thanks to that GDP per capita now is at the level of 29 thousand USD and in 1992 it was only 6 thousand USD. Such a stunning success was achieved thanks to the huge entrepreneurship of millions of Poles. In a country where 16,5 million people work (out of 38 million of all inhabitants), 1,5 million active enterprises operate. It is these hard-working people that led the country, in just one generation, to a situation where young people from other countries (mainly from Belarus and Ukraine) are coming to Poland more and more willingly to work (unemployment rate in Poland is below 5%). Small and medium-sized enterprises employ 70% of employees from all companies. Thanks to that economy of Poland is flexible, independent and capable of defending against external crises (when the whole world suffered in 2009, the Polish economy grew at a rate of 2,8%.). What is very important - Poland has its own currency, the Polish zloty (PLN), which allows it to pursue an independent monetary policy to the European Union. During the financial crisis of 2008-2010, the Polish zloty weakened by up to 40%, stimulating the increase in profitability of export.

#### **Fastener Industry**

According to mine calculation in Poland there are 1500 companies working in the fastener business. There are dozens of small trading companies (below 6 employees) working in their region. But there are also a big producers with export all over the Europe. Production of fasteners in Poland is shown in table 1 (1 EUR = 4,2 PLN; 1 TYR = 0,85 PLN). Since 2003 Polish production has almost triple. Main production is being made for the metal screws, bolts, special products and screws for wood and window.

Table 1: Production of fasteners in Poland in 2003-2016 (PLN million)

Polish production of fasteners cannot fill the domestic consumption. Therefore import is very developed. From 2003 to 2016, Polish import has increased almost threefold (look at table 2). The largest import was recorded in 2016, it has already exceeded the value of PLN 2,8 billion. Import is growing almost the same as domestic demand.

Table 2: Import of fasteners to Poland in 2003-2016 (PLN million)

2003	2004	2005	2006	2007	2008	2009
893	1167	1163	1482	1647	1693	1581
2010	2011	2012	2013	2014	2015	2016
1889	2298	2163	2189	2434	2588	2836

Biggest source of import comes from Germany. Almost 30% of all fasteners to Poland are coming from the western neighbor. Next is China Taiwan, Italy and Mainland China. Especially import from Mainland China is growing year by year. For the 2016 year Turkey was on the 16th place. It means that international trade with Poland is at a low level, and Turkish companies do not properly use the potential of the Polish market.

Table 3: Import of fasteners by country to Poland in 2015-2016 (PLN million)

Country/Region	2015	2016	Together	% of the Poland's import
Germany	752,2	861,7	1 613,9	29,8%
China Taiwan	300,8	298,6	599,4	11,1%
Italy	246,1	278,0	524,1	9,7%
Mainland China	247,0	263,3	510,3	9,4%
USA	117,7	154,8	272,5	5,0%
France	86,1	91,8	177,9	3,3%
Japan	82,0	91,6	173,6	3,2%
Vietnam	89,8	74,5	164,3	3,0%
Czech Republic	51,7	78,3	130,0	2,4%
Sweden	75,1	52,9	128,0	2,4%
South Korea	57,7	67,3	125,0	2,3%
Slovakia	62,5	61,2	123,7	2,3%
United Kingdom	56,6	56,6	113,2	2,1%
Spain	49,1	61,1	110,2	2,0%
India	41,5	46,0	87,5	1,6%
Turkey	N/A	32,9	_	_

Poland is a very important distribution center on the Central and Eastern European fastener market. Since 2003, export has increased four times, reaching a record 1,4 billion PLN in 2016 (table 4). What is worth it noted, Poland is still gaining more markets. Biggest growth was just after the introduction of anti-dumping duties by the European Commission for Chinese fasteners. From 2009 to 2011, Polish exports increased as much as 73%, which in a way can confirm the thesis that many companies in Europe have shifted purchases to Poland.

Table 4: Export of fasteners from Poland in 2003-2016 (PLN million)

2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
359	513	546	594	700	725	617	829	1073	1057	986	1159	1336	1409

The largest clients of Polish fasteners are Germany and the United Kingdom (table 5). What is important, by gaining access to Polish distributors, You can also gain access to smaller markets, such as the Czech Republic, Slovakia, Romania and Hungary, which traditionally source in Poland. Polish companies are already large enough and well organized to import good amounts from Asian markets and buy from specialized producers in Europe.

Table 5: Export of fasteners by country from Poland in 2015-2016 (PLN million)

Country/Region	2015	2016	Together	% of the Poland's export
Germany	480,1	555,7	1 035,8	37,7%
United Kingdom	103,0	116,5	219,5	8,0%
Czech Republic	80,1	77,1	157,2	5,7%
France	68,6	80,9	149,5	5,4%
Sweden	71,2	67,4	138,6	5,0%
Slovakia	37,2	51,9	89,1	3,2%
Russia	42,3	46,6	88,9	3,2%
Romania	35,9	43,5	79,4	2,9%
Hungary	37,1	38,9	76,0	2,8%
Belgium	32,9	38,5	71,4	2,6%
Norway	30,7	30,7	61,4	2,2%
Netherlands	25,6	28,7	54,3	2,0%
USA	27,5	20,7	48,2	1,8%

Quality - What the companies in Poland particularly pay attention to is, of course, quality. On the construction market, it is important to have the CE mark or the Polish construction sign B. Without this, it is impossible to handle large investments. The certificate required by the automotive ISO / TS 16949 in Poland has about 500 companies TIER-1 and TIER-2. In addition to quality, the price-availability - lead time relationship is also important. What is a big advantage of Turkish manufacturers for Poland is the time and cost of delivery. Also - there are no customs duty on most fasteners between Turkey and Poland.

The culture of doing business in Poland makes face-to-face contact the most important. We have a saying in Poland, 'No matter what you know but important who you know'. This is why – if you want to have a business in Poland – You have to meet right people at the right place. •

# Brazilian Fastener Import Growth of 9.2% in 2018

Fastener import: Monthly average	Value	On tonnes
2017	US\$49,63 million	9.349,36 t
2018	US\$56,57 million	10.212,28 t

f course the effects caused by the transports sector strike that occurred last May, are not being consider, however, the activities in Brazil continue oscillating, but continue growing. Whoever disagrees, should consult our source, the Ministry of Industry, Foreign Trade and Services (MDIC).

As it produces more, the country consumes more, which expands activities for all including the consumption of fasteners, whether produced domestically or imported.

The monthly average of fasteners imported (by tons) in 2018 exceeds those imported in 2017 by 9.2%, and the same is happening in monetary values, with 13.98% of purchases in US dollars.

Dividing the total registered by the MDIC, in the year 2017, a little more than US\$595.55 million or some US\$49.6 million/month was destined for this importation segment, which corresponds to some 112,192 tons or 9349 tons/month.

From January to May 2018, the MDIC recorded US\$282.85 million (US\$56.57 million/month), corresponding to 51,061,192 tons (10,212 tons/month).

The upcoming audits will show how much the transport strike has rocked the market. Historically, the year's second half economy in Brazil is better than the first half, and if this scenario is maintained, the second half will be good, especially if we compare the clouded and recent times.

Source: www.mdic.gov.br •



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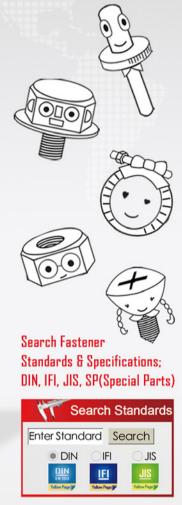
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#### Contact us

China Fastener Info Ms. Alice Hu / Ms. Jane Deng Tel.: +86 20 3886 1363 ext. 347/ 345

Fax: +86 20 3881 2687

Email: tradeshow@jzzfastener.net

Messe Düsseldorf (Shanghai) Co.,Ltd. Mr. Vansh Lin / Ms. Mary Cao

Tel.: +86 21 6169 8300 ext. 8322 / 8369

Fax: +86 21 6169 8301

Email: vash.lin@mds.cn / mary.cao@mds.cn

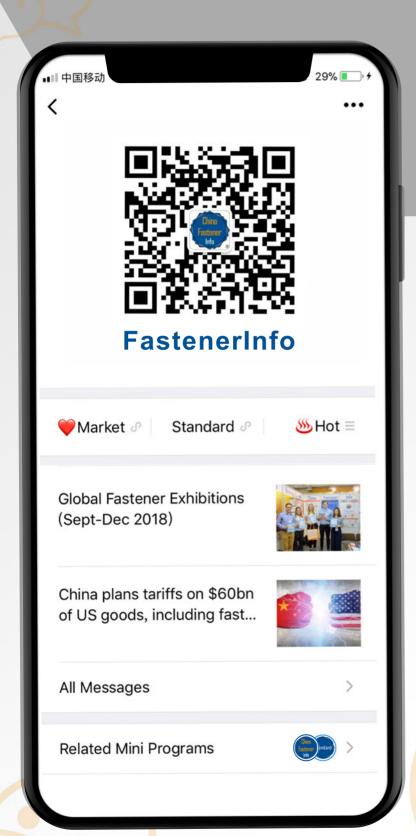
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