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產業新聞

Fastener News

from Emerging Markets

by Fastener World

Market Trends

Asia Industrial Fasteners Market Forecast 2020

亞洲工業用扣件市場2020年預測

The Asia industrial fastener market is expected to reach USD 44.12 billion by 2020, according to a new study by Grand View Research, Inc. Growing automotive demand in light of increasing disposable income of consumers is expected to propel demand for industrial fasteners over the next five years. China dominated the Asia fasteners market in 2013 and the trend is anticipated to continue over the forecast period on account of rapid expansion of domestic manufacturing base. India is expected to witness the fastest growth over the projected period as a result of increasing automotive production. In addition, infrastructure improvement in emerging economies is likely to propel demand for screws, bolts and rivets. Economic growth and rapid industrialization in China, India, Malaysia, Vietnam, Malaysia and Thailand is anticipated to stimulate investments for construction which in turn is likely to augment industrial fastener market over the projected period.



India Power Tool Market: Industry Analysis from 2016-2026

印度2016-2026手工具市場分析

India power tools market is anticipated to register healthy CAGR of 8.9% in terms of value, and 9.5% in terms of volume over the forecast period (2016-2026). Growth of the power tools market in terms of revenue is attributed to various factors.

- Key trends identified in the India power tools market are increasing sales of professional power tools, shift from nickel-cadmium to lithium-ion powered tools and move from cord-based to cordless power tools. Furthermore, in order to gain the competitive edge in the market and for product differentiation, companies are investing substantially in research and development of energy-efficient and environmental-friendly power tools.
- Factors such as unavailability of skilled labour and high costs involved in hiring professionals for basic services in major cities across the country are anticipated to create significant opportunities and drive demand for power tools in the domestic market.

- Currently, the Indian power tools market is swamped with Chinese products. This has adversely affected market share of existing local and international players in the country.

Tariffs & Policies

Japan to Impose Tax on Steel Screws Imported from China

日本明年將對從中國進口的鋼鐵製螺絲課徵關稅

Japan Ministry of Finance reevaluated its Generalized System of Preferences (GSP), and excluded China's steel screws from the target of 2018 preferential tariff. China's steel screws have been entitled to zero tariff so far, but recently they were partially excluded and will be subject to tax starting April 2018, effective for a year. Because China is expected to be considered for 3 consecutive years as a "country of high income" just like the G7 countries, China's steel screws may become completely excluded regarding the period after April 2019.

The affected products are steel screws within the HS code 7318, and the steel springs within the HS code 7320.





Canadian International Trade Tribunal Amends Its Order to Exclude Certain Steel Fasteners from China and Taiwan

加拿大國際貿易法庭對進口自中國及台灣特定碳鋼扣件所實施的特別進口措施法進行修正

The Canadian International Trade Tribunal, pursuant to subsection 76.01(1) of the Special Import Measures Act, has conducted an interim review of its order concerning certain steel fasteners originating in or exported from the People's Republic of China and Taiwan (the subject goods) made on January 5, 2015, in the five-year Expiry Review No. RR-2014-001, continuing, with amendment, its order made on January 6, 2010, in the first five-year Expiry Review No. RR-2009-001, continuing, with amendment, its findings made on January 7, 2005, in Inquiry No. NQ2004-005 in respect of the subject goods.

Pursuant to paragraph 76.01(5)(b) of the Special Import Measures Act, the Canadian International Trade Tribunal hereby amends its order made on January 5, 2015, to exclude, effective May 16, 2016, the following goods: shoulder bolts made of steel, grade 5, and zinc-plated, with a hexagonal head, an unthreaded cylindrical shoulder section ranging from 1/4 inch to 3/4 inch in diameter, and a threaded section that is smaller in diameter than the shoulder ranging from 3/8 inch to 7/8 inch in length and between 10-24 and 5/8-11 in common thread sizes.

Association

Indian SAME Organizes Technical Colloquium on Aerospace Fasteners

印度航太製造工程師學會SAME舉辦航太扣件技術研討會

The need for domestic startups in the area of science and technology was stressed at a technical colloquium on 'Aerospace Fastening Systems', organised by the Society of Aerospace Manufacturing Engineers (SAME). A number of experts attended the event. The colloquium was inaugurated by Dr Kuncheria P Isaac, Vice Chancellor, APJ Abdul Kalam Technological University. Highlighting the importance of fastening systems in ISRO launch vehicles from fundamentals to the most addressed system in cryo and semi-cryo engines, one expert stressed the challenges found in the design of fasteners and explained how they were overcome during the development of Launch Vehicle Systems. An exhibition of fasteners was arranged with the participation of seven leading fastener manufacturers as part of the event. Over 200 aerospace technologists participated in the colloquium.



Acquisition, Relocation & Expansion



NORMA Group Successfully Completes Acquisition of Fengfan

中國Fengfan Fastener被德國Norma集團併購

NORMA Group, a global market leader in engineered joining technology, has successfully completed the acquisition of Fengfan Fastener Co., Ltd. ("Fengfan"). Fengfan, headquartered in Shaoxing City, China, produces joining products made of stainless steel and plastic as well as specialty textiles. Following NORMA Group's signing of the purchase agreement on March 28, 2017, for 80 percent of Fengfan's shares, the authorities have now approved the acquisition.

"We are consistently advancing our international expansion. After having acquired and successfully integrated companies in Malaysia and Australia, we are now strengthening our presence in the important growth market of China with the majority stake in Fengfan," says Werner Deggim, CEO of NORMA Group.

Fengfan was consolidated in the second quarter of 2017. Fengfan markets its products in the Chinese market and exports to other countries. Their approximately 190 employees produce cable ties, fastening elements and specially coated, fire-resistant textiles. Many of Fengfan's customers come from shipbuilding and heavy industries.

巨星科技 GreatStar Industrial

Arrow Fastener Co., LLC Acquired by Hangzhou GreatStar Industrial Co., Ltd.

中國杭州巨星併購美國Arrow Fasteners

Hangzhou GreatStar Industrial Co., Ltd, a leading global developer, manufacturer and supplier of hand and power tools, announced that it has completed acquisition of Arrow Fastener Co., LLC (“Arrow”) from its parent company Masco Corporation.

GreatStar, based in Hangzhou, China, is one of the largest hand tool manufacturers in Asia, specializing in designing and manufacturing high quality products for DIY, professional and industrial markets globally. Arrow, based in Saddle Brook, NJ, is the leading manufacturer of staple guns and heavy duty staples in North America.

“As an iconic American tool brand, Arrow products are ‘must-have’ items for many retailers in North America and elsewhere and represent an important addition to GreatStar’s global product portfolio. Arrow’s sales and marketing capabilities and strong market position combined with GreatStar’s manufacturing expertise, innovation pipeline and global reach will deliver more products, more innovation and more value to our customers around the world,” said GreatStar Chairman and CEO Champin Chou.

The transaction is expected to close midyear in 2017, subject to customary closing conditions and regulatory approvals.

EFC Expands Global Presence

美國EFC扣件新增中國、南韓及德國據點

EFC International, a leading supplier of engineered fasteners, with the corporate office in St. Louis, Missouri, has announced the implementation of their worldwide globalization strategy with the opening of offices and warehouses in China, South Korea, and Germany.



Expanding its global footprint and investing in key strategic global markets, EFC ensures both supplier and customer needs are met. “EFC’s physical presence in these countries enhances our relations, providing local support and value by offering a simpler, more cost-efficient way to manage the supply chain,” said Guenter Retkowski, Vice President of International Sales.

Upholding the commitment to provide engineered solutions globally for automotive, industrial, and distribution markets, is recognized with the increased investment in these physical facilities. Through a disciplined approach and putting together an invaluable team of international employees, EFC delivers an unbeatable customer experience globally.

EFC’s robust international growth is a tribute to the EFC team and to the strong international reputation of the world-class manufacturers who they have partnered with. These partnerships ensure customers receive the high-quality service they’ve come to expect from EFC – anywhere in the world.

Matt Dudenhoeffer, President and CEO states, “EFC’s focus on key attributes of Expert People, Engineering, Quality, Connections, Logistics and Local Support, Global Presence will be the driving force for the future.”

EFC International is a leading supplier of specialty engineered metal, plastic, cold-formed, spring steel stampings, electrical and assembled component parts to the OEM and Distribution market places.

ARaymond Turkey on the Way to Build a Stronger Foundation for a Sustainable Future

法國ARaymond土耳其分部將擴廠以滿足更多需求



For the past ten years, ARaymond Turkey has been steadily expanding production lines at its Kocaeli plant near Istanbul. Faced with growing demand from the automotive sector, the plant recently decided to increase both its production and warehouse capacity on-site. As a result, ARaymond Turkey is constructing a brand-new 2,500 m² extension to the current plant, which will be fully operational this year.

The extension to the Turkey plant is largely customer-driven. Following an increase in requests for electric and cooling system components, ARaymond Turkey invested in an in-house tool shop in 2015 and established active training programs and quality focused methods within production and quality teams which greatly improved quality of production and service level. Once the new extension is finished it will provide room for a further 20 injection machines plus additional semi-automatic Quick Connector assembly machines, thereby increasing production once again in 2017 to accommodate further growth in a healthy way.

South Korean KPF Expands and Speeds up Development in the European Construction Fastener Market

韓國KPF公司擴大並加速在歐洲建築扣件市場中的發展

Fastener and automotive component maker KPF signed a partnership agreement for supplying construction fasteners with a sales agent from Poland and another from Italy. The construction fasteners, which KPF will supply to the two agents, are the high value-add products that KPF has been supplying to German and Italian makers by far. KPF has made tactical preparations from R&D to marketing to tap into this market.



This partnership signifies that KPF's technology is recognized by Europe with promising growth in future revenues and profits. Additionally, KPF as a global manufacturing giant will keep on developing high value-add products and continue to expand in the European market.

South Korean KPF Acquires USD300 Million Fastener Orders for a Power Plant in Indonesia and Airport in Chile

韓國KPF公司取得印尼發電廠和智利機場的扣件訂單，總價達3億美金

Fastener and automotive parts maker KPF acquired fastener orders for main infrastructure in Indonesia and South America. The orders are for the "thermal power plant in Java of Indonesia" and "Santiago airport in Chile". The investment value for each of these two projects is USD 150 million. The construction fastener market value in Asia and South America were KRW 5 trillion in 2016. Besides North America and Europe, KPF actively expands its business scope in Asia and South America where investments in airport, steel bridge, railroad and bay are skyrocketing.



Bossard China Moves to New Location

瑞士Bossard中國分公司喬遷

On April 25, 2017, Bossard moved its main Chinese operational unit from the Wai Gao Qiao Free Trade Zone to the Xin Zhuang Industrial Zone in Shanghai.

The move provides Bossard with 16,000 m² of space. The 5,000 m² warehouse offers room for up to 40,000 cubic meters of inventory capacity.

The new ISO17025 accredited engineering laboratory provides Bossard's customers with the opportunity to have fasteners and

corresponding connections tested, thus ensuring high quality and advanced fastening technology consulting. This allows Bossard China to serve customers better with the state of the art engineering laboratory.

At the opening ceremony, Mr. Song Shixiong, Director of Economic and Technology of Minhang District, Mr. Xi Weisong, Vice General Manager of Xinzhuang Industrial Economy Development Co., Ltd., and Mr. David Dean, CEO of the Bossard Group, cut the ribbon to open the new location. Both Mr. Xi Weisong and Mr. David Dean praised the close collaboration between the local government of the Industrial Zone and Bossard. A traditional lion dance and visit to the engineering laboratory concluded a successful opening of Bossard's new location.

Industry News

Boon Siew Honda Hands Best Quality Supplier Award to TR Powersteel

英國TR Fastening馬來西亞分部TR Powersteel獲頒Boon Siew Honda最佳品質供應商獎



TR Fastening's Malaysian business receives recognition from Honda's motorcycle assembly division.

TR Fastening's Malaysian business, TR Powersteel, has been honoured with the title of 'Best Quality Supplier' by Boon Siew Honda, the automotive giant's assembler of 2-wheeler motorcycles. TR Powersteel (PSEP) has been supporting Boon Siew Honda (BSH) for many years, and today supplies parts for nine different motorcycle models.

The award for Best Quality Supplier recognises PSEP's ability to combine logistics, teamwork and coordination in order to meet BSH's high expectations in terms of delivery times and quality standards.

Charlie Foo, MD of TR Asia, comments: "It's fantastic to be given this honour by such a valued and high profile client as Boon Siew Honda. At TR Powersteel we pride ourselves on our commitment to delivering the highest standards of quality, service and accuracy, and to be recognised for this is hugely rewarding. We are excited about continuing our journey alongside Honda as it pursues further success in the Asian automotive market."

Shanghai Prime's Revenues for 2016 Sets New Record

上海集優營業額創上市新高



Shanghai Prime released its revenues for the financial year ended December 31, 2016. The group's revenues reached RMB 7.645 billion, up 7%, setting a new record after the group went listed in 2006. The revenue growth is attributed to the continuous business growth in automotive fasteners.

Würth Invests in Logistics in Switzerland and Russia

德國Würth 集團在瑞士和俄國投資物流

Würth AG, one Swiss branch of the Würth Group, is investing over EUR 10 million in modernizing the warehouse and logistics in Arlesheim. The construction work is set to be completed by the summer of 2018. In the year 2016, around 8,385 pallets, corresponding to a total weight of 4,796 tons, were shipped by the end of November. And this figure continues to grow. That is why the warehouse capacity is being increased to 17,000 items as part of the modernization process. In the future, it will be possible to process more orders in a shorter period of time. As a result, orders that are received in the warehouse late in the afternoon will be processed on the same day and customers will receive the items as early as the following day.



At the end of 2016, Würth Russia celebrated the opening of a new logistics center in St. Petersburg. The new building is 14,000 square meters in size, including a chemicals warehouse and office space. From this site, the company can supply customers all over the north-west region of the country.

Specializing in Fasteners for the Automotive Market, the ARaymond Network is Continuing to Invest Internationally, Notably in Mexico



專攻汽車扣件市場的 ARaymond 企業網絡持續投資以墨西哥為首的全球市場



With solid operations in 25 countries, spanning Europe, Asia, India, Brazil and Russia, the ARaymond Network is continuing to expand in 2017 with new investments in Morocco and Mexico. ARaymond unveiled a new plant in Casablanca (Morocco) on January 18 and is due to open a plant in San Luis Potosi (Mexico) in April.

The company decided around ten years ago to create a global collaborative network. In 2009, the ARaymond Network acquired the US company Tinnerman Palnut Engineered Products, enabling it to consolidate its US presence. With five plants operating to date, the production process encompasses a wide range of metal and plastic parts for the North American markets: Canada, the US and Mexico. This new plant in San Luis Potosi will enable the Network to expand its business in Central American countries by producing and shipping locally. Production is set to begin in April 2017, to produce injection-molded fasteners, plastic assemblies and over-molded components.

Hyundai Recalls Nearly 1,000,000 Cars Over Faulty Seat Belts

韓國現代汽車因安全帶預緊器的隱憂召回將近1百萬台車

Hyundai Motor Company announced a recall of nearly one million Sonatas and Sonata Hybrids over fears that a faulty fastener can cause front seat belts to detach in a crash. Documents show the anchor connecting the seat belt pretensioner to the vehicle's structure may not have been fully attached during assembly. The recall affects regular Sonatas from 2011-2014 model years, and Sonata Hybrids from 2011-2015 model years.



The Hidden Danger of Bolts Cracking! Mercedes-Benz China Recalls GL, M and R Class Vehicles

存螺栓斷裂隱患！賓士(中國)召回部分進口GL級、M級、R級汽車

Mercedes-Benz China recalled parts of its imported GL, M and R class vehicles, starting from February 28, 2017. According to the company's estimation, there will be 37 recalled vehicles in China.

The recall includes 15 totaled 2015 Mercedes-Benz M-class manufactured from October 1, 2014 through November 10, 2014; 1 totaled 2015 Mercedes-Benz GL-class manufactured on October 15, 2014; 21 totaled 2015 Mercedes-Benz R-class manufactured from October 2, 2014 through January 12, 2015.

According to its announcement, due to mounters' operating problem, the steerable and driving axle bolts of the recalled vehicles may not be properly installed. If the bolts are not properly torqued, the steerable and driving axle may continue to sink and the bolts may crack. Under this condition, the controllability of vehicles may be affected, increasing the risk of injury and car crash.

Therefore, Mercedes-Benz China recalled the affected vehicles and change the steerable and driving axle bolts in order to eliminate security concerns.



Mazda Recalls 8,785 Units of Mazda 3 in China

馬自達在中國召回8,785輛馬自達3

Recently, Mazda has told their plan about recalling to AQISQ (General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China). Starting from April 3rd, they have recalled parts of the imported 2010 model year Mazda 3, manufactured from May 26, 2009 to September 30, 2010. According to the statistics, there will be 8,785 cars involved in this recall.



The reasons for the recall are that the seat height adjustment links can break or detach from the seat frame and the bushing nuts which are used to prevent loosening aren't fixed properly. If customers keep driving the car, the seat may cause strange noises and loosening problem. Under some circumstances, the seat height adjustment links may be damaged or fall off, causing the change of seat angle and increase the risk of crash.

Mazda will recall the related cars and inspect the seat links and either install a reinforcement bracket and bushing nuts or replace the whole seat adjustment unit to eliminate the hidden danger.

LPS Bossard, India Now ISO/TS 16949 Certified

Bossard印度分部LPS Bossard獲ISO/TS 16949認證

LPS Bossard, Bossard's branch in India, achieved the certification to ISO/TS 16949. This independent certification confirms Bossard's high standards for efficiency and operational processes, risk management and proven productivity for customers. LPS Bossard thereby strengthens its position as a competitive supplier to the automotive industry.



ECF Precision (Thailand) Targets Fastener Demand in Thailand

日系ECF Precision公司瞄準泰國螺絲需求

The growing ECF Precision (Thailand) Co., Ltd, with 80% shares owned by the Japanese Crown Fastener Group, has set up a new plant in Rojana Industrial Park in Ayutthaya, central Thailand. The plant has started producing special screws and high precision parts. Aiming at the local rising demand, the plant provides products to a broad range of customers.





High-Margin Products Fuel Sundram Fastener's Growth

印度扣件商Sundram Fastener從高利潤產品中獲利

In a highly competitive auto ancillary segment it is tough for a company to enjoy pricing power continuously. However, Sundram Fastener, India's largest fastener manufacturer, has done so. High realisations and increasing share of superior margin products have enabled the Chennai-based firm to achieve a return on equity (RoE) of 21.84% in FY16, outstripping the industry RoE by nearly 2.2 times. It has adopted a three-pronged exercise to boost margins.

First, it increased share of business from higher margin products such as hub, shaft, powdered metal components, hot and cold forged products and pump assemblies with margins of 14-22% compared with conventional fastener business with 9-12% margins.

Secondly, it has consistently been increasing the spares and tool expenses of which significant ones are tooling expenses on the new product development. This provides good visibility of revenues from new product development and better gross margins.

Lastly, the company has been consistently increasing export revenues. Export business contributed nearly 30% of the total revenues in FY16.

Sundram's outperformance is likely to continue due to more value-added products, improving market share and higher content per vehicle. Analysts expect domestic and export business to grow 13% and 15%, respectively for the next fiscal year.



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