



Fastener World News

compiled by Fastener World

USITC Institutes Section 337 Investigation of Certain Carbon and Alloy Steel Products

The U.S. International Trade Commission (USITC) has voted to institute an investigation of certain carbon and alloy steel products. The products at issue in the investigation are carbon and alloy steel products from China.

The investigation is based on a complaint filed by U.S. Steel Corporation of Pittsburgh, PA, on April 26, 2016. The complaint alleges violations of section 337 of the Tariff Act of 1930 in the importation into the United States and sale of certain carbon and alloy steel products through one or more of the following unfair acts: (1) a conspiracy to fix prices and control output and export volumes; (2) the misappropriation and use of U.S. Steel's trade secrets; and (3) the false designation of origin or manufacturer. The complainants request that the USITC issue a general exclusion order, a limited exclusion order, and cease and desist orders.

By instituting this investigation (337-TA-1002), the USITC has not yet made any decision on the merits of the case. The USITC's Chief Administrative Law Judge will assign the case to one of the USITC's administrative law judges (ALJ), who will schedule and hold an evidentiary hearing. The ALJ will make an initial determination as to whether there is a violation of section 337; that initial determination is subject to review by the Commission.

The USITC will make a final determination in the investigation at the earliest practicable time. Within 45 days after institution of the investigation, the USITC will set a target date for completing the investigation. USITC remedial orders in section 337 cases are effective when issued and become final 60 days after issuance unless disapproved for policy reasons by the U.S. Trade Representative within that 60-day period.

Mexican Ministry of Economic Affairs May Impose Taxes on More Imported Steel Products to Protect Local Industries

On April 21, 2016, a Mexican media reported that in order to prevent the overcapacity of steel products in China from causing injury to local industries, the Ministry of Economic Affairs of Mexico may impose taxes on more imported steel products. Mexico determined to impose the tax of 15% on imported cold/hot rolled steel plates after Oct. 7th last year and this measure has been recently determined to be extended for 6 more months.

Facing the overcapacity of steel products (totaling 0.6 billion tons), The Mexican Department of Industry has asked the authorities to impose the tax of 15-30% on more imported steel products (e.g., wire rods, rebar, steel pipes, etc). Chairman of Concamin also said that the Department of Industry has already completed some analyses and has reached the unanimous agreement that other steel products should be also included in the list of taxable items.

SPIROL Brazil Receives 2015 ALBÉA Supplier of the Year Award

SPIROL Brazil is pleased to announce the receipt of ALBÉA's Supplier of the Year Award for 2015. SPIROL was ranked with the best performance among more than 80 suppliers in the combined metrics for quality, logistics, commercial and engineering.



The award was received on behalf of the entire SPIROL team by Mario Gioto, Office Manager – SPIROL Brazil.

SPIROL Brazil was evaluated throughout the year for on-time delivery of over 20 million parts. SPIROL was also commended on being a key design partner on ALBÉA's technical and commercial development projects.

By having an office in Brazil, SPIROL is able to provide world class customer service to ALBÉA and their other Brazilian customers as they are able to work together in the local time zone, local language and local currency. This provides seamless communication and increased customer satisfaction.

Rotor Clip Receives NTN President's Award

Rotor Clip was recently awarded the 2015 President's Award from NTN Driveshaft, Columbus, Indiana.

The award recognizes suppliers who maintained 100% on time delivery and a perfect quality record for the 2015 calendar year. The award was presented to Rotor Clip at NTN's annual Supplier Conference, held on 27 April 2016.



Rotor Clip has been a supplier of retaining rings and related products to NTN for several years and holds numerous quality awards and certifications including ISO/TS 16949: 2009 automotive certification and ISO/AS9100C aerospace certification. The company is also certified to ISO14001:2004, the environmental standard.

NTN is a global manufacturer of mechanical parts, drive shafts and production equipment for the automotive and transportation industries.



TR Fastenings Wins Prestigious Award from Yanfeng Automotive Interiors and Launches New Website

TR Fastenings is delighted to announce it has received a Bronze Supplier Performance Award from Yanfeng Automotive Interiors (YFAI). TR Fastenings supplies Yanfeng Automotive with fastenings used in the interiors of the vehicles. "Currently the automotive sector represents 31% of TR's turnover and with their global manufacturing capabilities and sourcing expertise they are able to support YFAI and their growth plans on a global basis," comments Glenda Roberts, TR's Global Sales Director. Headquartered in Shanghai, Yanfeng Automotive has around 100 manufacturing and technical centres in 17 countries and employs over 28,000 people globally.



TR Fastenings is also delighted to announce the launch of its new website, designed to be the ultimate go-to resource for engineers, designers and buyers, with improved navigation and functionality throughout. Combining a new modern design with a powerful search tool it has never been easier to find the product required. Users can simply search for the product or product range required using any number of search terms and choose from a range of items available and related technical information. Once the product and size needed has been selected, users can view, send or download a dynamically generated 2D drawing for the part that includes all related dimensional data, download the related 3D model in a number of formats and save the part to the enquiry basket.

Fastener Suppliers Recognized as 2015 Top Performing Suppliers to U.S. Lockheed Martin

Lockheed Martin's Aeronautics business recently designated 25 small and large businesses as top-performing suppliers for 2015, representing the top 2 percent of a supply base of 1,200 suppliers.



"This award represents high performance and quality standards. To be considered, suppliers must maintain a 99 percent on-time delivery rating with a 100 percent quality rating," said Amy Gowder, vice president, Aeronautics Supply Chain Management and chair of the Lockheed Martin Supply Chain Council.

For their work in 2015, the top performing suppliers from the related fastener industry are:

- Click Bond Inc., Carson City, Nevada
- Fastener Technology Corporation, North Hollywood, California

Bossard Receives Official Aerospace Certification in France

The Bossard Group has received its official aerospace certification in France. This official approval is the prerequisite for acting as a supplier in the aerospace industry. Bossard has thereby taken a further hurdle to intensify its activities in this demanding sector. The Group is already active in the aerospace industry in the US and was officially certified to the AS9120 standard in Switzerland in February 2016.

In the course of pursuing its acquisition strategy in recent years, the Bossard Group has built up its aerospace expertise. In 2015, it acquired Aero-Space Southwest, Inc., which is active in the aerospace business and officially certified for this industry. The certification now received in France is an important step for Bossard in its efforts to expand its activity in this technologically demanding sector. The French aerospace sector plays a significant role in the global context, with a broad range of products including airplanes, helicopters, engines and electronics for aircraft as well as satellites and navigation systems.

The positive outlook for the aerospace industry is the reason for the growing involvement of Bossard in this sector, which is especially applicable for France as an industrial location. Thanks to its premium products and services, Bossard can increasingly gain a larger foothold in the aerospace sector, which is characterized by achieving an above-average profitability.

Furthermore, the Group intends to take suitable steps to steadily strengthen its involvement in the aerospace sector. Official certification for the aerospace industry is also being pursued in Canada, which is expected to be completed in the second half of 2016.

Sigma Fasteners, Inc. Earns American Petroleum Institute 20E Monogram

Sigma Fasteners, Inc., a manufacturer, and distributor of engineered and high-pressure bolting products, announced that it received an American Petroleum Institute (API) 20E Monogram License to manufacture API 20E bolting at its original facility in Houston, Texas. Sigma also earned API Spec Q1, 9th edition Certification for the Manufacture and Distribution of Fasteners, Coating, and Plating of Customer Parts for the Oil and Gas Industries. Sigma is currently just the fourteenth company in the world to have received the API 20E Monogram for Alloy and Carbon Steel Bolting used in critical surface and subsea applications.

“The API 20E Monogram and Spec Q1 is a world class mark of distinction that demonstrates Sigma meets the first-class standards set out by API,” said Sigma Fasteners Executive Vice President Cris Baker. “Pursuing and attaining these standards inspire our employees to improve every aspect of our processes and open up significant opportunities for our company to better serve all customers in these challenging times. I am proud of Sigma’s ability to pull together and reach for higher goals.”

BOSSARD
Proven Productivity

Bossard Poland Wins 2015 Business Gazelle Prize

In early May, Bossard Poland was awarded in the 2015 “Gazete Biznesu” ranking of “Puls Biznesu” in the contest for the most dynamic small- and medium-sized enterprises on the Polish market. “Puls Biznesu” (lit. Business’ Pulse) is a Polish language newspaper, published on weekdays, devoted to business and economic issues. The Business Gazelle prize is awarded to Polish companies annually by its editors. According to “Puls Biznesu”, a Business Gazelle is a company that succeeds thanks to its progressive development, even against much larger competitors. For Bossard, this prestigious award proves its success over the last few years and drives motivation for further growth.

KLX Inc. Acquires Herndon Aerospace

KLX Inc., the world’s leading distributor and value added service provider of aerospace fasteners and consumables, and a provider of services and products for the oil and gas industry, announced that it has acquired Herndon Aerospace & Defense, LLC (“Herndon”), a leading supply chain management and consumables hardware distributor serving principally military depot aftermarket customers, as well as commercial aerospace aftermarket customers.



Amin Khoury, Chairman and Chief Executive Officer of KLX stated, “The acquisition of Herndon expands our capability to provide comprehensive aftermarket supply chain management solutions to a broader portfolio of aftermarket customers. Herndon’s revenues and EBITDA for the year ended December 31, 2015, adjusted to exclude non-recurring costs under the prior ownership, were \$132.5 million and \$20.3 million, respectively. We expect the integration of the Herndon business into the existing KLX aerospace distribution platform to yield substantial synergies.”

Taiwanese Shin Chun Enterprise Obtains JIS Certificate from Japan

Shin Chun Enterprise Co., Ltd. is a professional fastener exporter, manufacturer and trader located in southern Taiwan. To improve its global market share, in recent years it continues to improve product technology and adopts higher mobility and diversified production. Its self-developed self-drilling screw has just obtained the JIS certificate from Japan, proving its solid manufacturing technology and quality.



Established in 2003, currently its monthly average capacity is around 700 to 800 tons. Its large scale capacity and diversified products attract clients from the U.S., Europe, and mostly Japan. In order to serve more clients, it launched a new plant in 2014 and increased the capacity by 10%.

Swiss Hatebur Acquires Italian Machinery Producer Carlo Salvi

Hatebur has acquired all the shares of Italian Carlo Salvi. The employees, location, and the brand of Carlo Salvi will remain unchanged. This acquisition has been effective since April 1st, 2016. Hatebur’s CEO Thomas Christoffel said that the combination of Hatebur and Carlo Salvi would bring significant growing potential to both companies, grow both companies’ influence to a higher level, and realize the best regional market expansion. Carlo Salvi CEO Sergio Ziotti also commented that the manufacturing facilities of both companies do not overlap too much. Through this acquisition, customers can get more machines via only one source, especially technology and service for cold forming and hot forming.

Swiss Hatebur is a worldly known high speed cold/hot forming machines developer and distributor. It was founded in 1930 and is a 100% family owned company. It has about 180 employees around the world. It is headquartered in Switzerland and has branches in China, Japan, and Germany. Carlo Salvi has produced and sold more than 4,000 sets of machines to the global market. Its main products are 1-die 2-blow, 2-die 4-blow, and multi-function cold forging machines. It also has a professional R&D team for developing high efficiency and high precision cold/hot forging machines and related dies to satisfy different customers’ demands.

H.B. Fuller Company Acquires Advanced Adhesives

H.B. Fuller Company announced that it has finalized the previously announced purchase of Advanced Adhesives, a provider of industrial adhesives in Australia and New Zealand. The addition of this business will enable H.B. Fuller to strengthen its industrial adhesives market position and leverage a broader technology portfolio in both Australia and New Zealand.



“With this acquisition, we gain local market expertise and manufacturing capabilities to complement our strong network in the Asia Pacific region,” said Heather Campe, vice president, Asia Pacific, H.B. Fuller. “H.B. Fuller will work closely with the Advanced Adhesives team to further enhance partnerships with regional customers and to develop, produce and sell new and better products in Australia and New Zealand.”

Serving a wide range of industries, including consumer packaged goods, woodworking and product assembly applications, the Advanced Adhesives business generated approximately USD \$17 million in revenue for the 2015 fiscal year. Based in Sydney and Auckland, this new business will be included in H.B. Fuller’s Asia Pacific operating segment.

With immediate effect, Kistler is taking over Schatz AG in Remscheid (Germany) and its U.S. sales and service company, Schatz USA, Inc., Holly (MI). This acquisition gives the Kistler Group new potential applications in quality assurance in industrial manufacturing. The Schatz Group can now market its systems through Kistler's global sales network, giving it access to previously underexploited markets.

Screw driving is still one of the most elementary basic processes in industrial manufacturing. The monitoring and inspection of screw connections is extremely important in quality assurance, especially in the automotive industry. By acquiring the market and technology leader, the Kistler Group is strengthening its own position in quality assurance in industrial manufacturing. The takeover is "a logical step for Kistler in the implementation of its overall growth strategy," says CEO Rolf Sonderegger. "We want to use our measuring technology in even more applications and increase the number of complete systems and targeted services that we offer."

The Schatz Group develops, manufactures, and distributes laboratory systems for the analysis of screw connections, calibration equipment and test systems for torque tools, and portable measurement systems for random sample testing. The company also supplies the necessary network software and provides a calibration and repair service. In 2015 the group generated sales close to €16 million. Following the takeover, Schatz Group products and services can now be marketed through the global sales network of the Kistler Group. "This gives us better access to international markets and entirely new growth opportunities, not least due to an expanded product range," says Volker Schatz, CEO of Schatz AG. Customers of both companies will now be able to pull significant benefits from the advantages of the expanded portfolio, the global accessibility and the growth in know-how.



Cutting Tool Maker OSG Acquires Carbide Tool Provider AMAMCO

Glendale Heights, IL-based OSG USA, a manufacturer of taps, drills, end mills, dies, and indexable cutting tools, has acquired AMAMCO Tool of Duncan, SC, which specializes in producing carbide tools for major aerospace, automotive and medical customers. Founded in 1972, AMAMCO will continue to operate in Duncan as an independent company led by newly appointed President (and former VP at AMAMCO), Jon Salem.

"Our acquisition of AMAMCO helps OSG meet our global initiative to grow our business in the aerospace industry," said Michael Grantham, President of OSG USA and new CEO of AMAMCO.

In January, OSG USA acquired the assets and proprietary manufacturing technology of IMU Dies. OSG now is the exclusive source for IMU branded dies globally.

"IMU has produced and sold dies for almost 40 years, so we are excited to now be able to sell them as an OSG brand and manufacture them at our fastener products plant in Parma, Ohio," said Grantham.

Atlas Copco Bolt Tightening Solutions Lands Large Order for Major LNG Plants

Atlas Copco Bolt Tightening Solutions has won a major order for a full range of bolting solutions for major work at LNG plants being developed along the Gulf coast of the USA. This new order, worth in excess of \$450,000.

Showing the full international collaboration of Atlas Copco, the CTST topside bolt tensioners were developed in the UK, the design and manufacturing site for the Tentec range of bolt tensioning equipment, while the nut runner guns are made in Sweden and the torque wrenches in the USA.

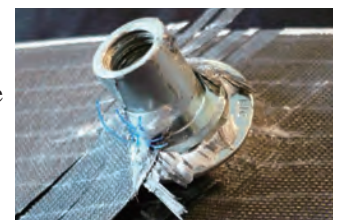
Speaking about the order, Ron Glasgow, Regional Sales Manager at Atlas Copco Tools and Assembly, LLC says: "This order really shows the complete capability for bolting solutions from Atlas Copco. The whole team, around the world, are highly experienced and have a wealth of knowledge that not only enables us to develop high quality products that are fit for purpose, but our applications engineers are able to assist our customers to ensure they choose the correct products for their particular applications."

KTP Funding for High-volume Automotive Composites Fastener Integration

BigHead Bonding Fasteners has been awarded Knowledge Transfer Partnership (KTP) funding with Cranfield University that it says will strengthen and expand its capabilities for fastening solutions related to the emerging demand in high-volume manufacture of lightweight composite components for the automotive industry.

With significant investment by automotive OEMs and Tiers for the adoption of lightweight materials at the high-end sector of the industry, and with the potential to extend lightweighting towards mass-market vehicle volumes, the need for rapid and efficient fastener integration is growing. BigHead has developed assembly techniques to precision-fix bigHeads to CFRP panels and other types of high volume composite material components for the automotive industry.

The knowledge and solutions provided to bighead and Cranfield by the KTP are expected to assist automotive manufacturers looking to maximise production throughput when integrating fastening components into their composite panels and components, especially carbon composite materials.





Hilti Accelerates Sales Growth Further

As expected, continued investments in sales, products and new services had a positive effect on the business performance of the Hilti Group. In the first four months of 2016, sales were up +7.4 percent in local currencies and +7.2 percent in Swiss Francs versus the same period of last year.

Given the positive sales performance, Hilti's CEO Christoph Loos views the current business year with optimism: "Our extensive investments over the past two years have set the stage for outperforming the market even under volatile economic conditions and giving us confidence for significant sales growth in 2016. This confirms our forward strategy and we will invest further in selected growth initiatives."

Like in the previous year, business in the regions was mixed over the first few months of 2016. While the overall context in the most important industrial countries was generally positive, many emerging economies were facing political and economic challenges. North America continued to post double-digit growth at +12.5 percent in local currencies as a result of the high level of construction activity. With sales growth at +7.8 percent, Europe has also shown robust performance. Conversely, the regions of Eastern Europe / Middle East / Africa (+6.4%) and Asia/Pacific (+1.4%) have fared less favorably. As a result of persistent political tensions and the dependence on commodity prices, the situation in Latin America continues to be challenging (-8.9%).



Chicago Rivet & Machine Co. Announces First Quarter Results of Operations

CHICAGO RIVET & MACHINE CO. Summary of Consolidated Results of Operations For the Three Months Ended March 31		
Net sales	2016	2015
		\$9,596,395
Income before income taxes	983,057	678,473
Net income	647,057	462,473
Net income per common share	.67	.48
Average common shares outstanding	966,132	966,132

Chicago Rivet & Machine Co. manufactures rivet, rivet setting machines and automated assembly systems for high volume production. The Company operates in two segments of the fastener industry: fasteners and assembly equipment. The fastener segment consists of the manufacture and sale of rivets, cold-formed fasteners and parts and screw machine products. The assembly equipment segment consists primarily of the manufacture of automatic rivet setting machines and parts and tools for such machines. The principal market for the Company's products is the North American automotive industry.

Alcoa to Supply 3D-Printed Metal Parts for Airbus Aircraft



Lightweight metals leader Alcoa has entered into an agreement with Airbus to supply 3D-printed titanium fuselage and engine pylon components for Airbus commercial aircraft. Alcoa expects to deliver the first additive manufactured parts to Airbus in mid-2016.

Airbus chose to work with Alcoa because of its comprehensive capabilities, from materials science leadership to additive manufacturing and aerospace parts qualification. The agreement will draw on Alcoa's decades of aerospace experience and new technologies gained through the recent acquisition of RTI and organic expansion in Whitehall, Michigan. Alcoa also recently invested in 3D-printing and metallic powder production capabilities at its technical center outside of Pittsburgh, Pennsylvania.

B&F Fastener Expanding Westward With Omaha Branch

B&F Fastener Supply recently announced that the company is adding a new branch in Omaha, NE — the company's first location in the state of Nebraska. Projected opening date is June 1. B&F will be occupying an existing 6,000 square foot building in Omaha, which adds to B&F's current combined 200,000 square feet of space it has between 14 existing locations between Minnesota (5), Iowa (5), Wisconsin (2), North Dakota (1) and South Dakota (1).

B&F said the addition allows it to serve customer within about a 100-120 radius from Omaha with free delivery. Besides supplying fastener products, B&F provides services of custom machining, custom packaging and vendor managed inventory.



TSLG Kaohsiung New Plant with the Expected Monthly Capacity of 0.12 Billion Pieces to Inaugurate in June

TSLG Taiwan Branch is the world's largest pre-coating service center for industrial fasteners. In order to increase its global competitiveness and achieve the goal of having 10 service centers around the world by 2020, the company has created a new logo and corporate slogan since this year. With the new logo and the resolution to become a value solution provider, TSLG promises to work hard and accelerate its reforms for the sustainability of the company. The new corporate image was also demonstrated at Taiwan International Fastener Show 2016. In addition, its new plant located in Hunei (Kaohsiung, Taiwan) is also scheduled to operate this June and the monthly capacity will be increased to 0.12 billion pieces to satisfy customers' demand.

Bulten Invests in New Plating Line in Poland

Bulten AB has decided to invest approximately EUR 6 million in a new plating line in its Polish production unit. The investment is expected to generate annual savings of approximately EUR 2 million with an estimated payback period of just over three years. Start of production is planned at the end of 2018 with a gradual ramp up in the following years. "Now we are taking another step towards becoming the industry's most cost-efficient producer of fasteners. The investment in a new plating line will improve profitability, reduce working capital and to provide greater flexibility and control over the process," says Tommy Andersson, President and CEO of Bulten. Bulten is already today executing surface treatment in some of its units. By extending this part of the manufacturing process, the company gets both value added and increased competitiveness. The investment will also mean less transportation, which will lead to a significantly reduced impact on the environment. The new plating line is expected to have a capacity of about 10,500 tonnes per year. Bulten is also looking into the possibility to start finishing on more production units. The investment is subject to obtaining necessary permits.



Fastenal Moving to New Location

Fastenal is moving from its location at 701 N. Bowman Ave. to the former Progressive Builders building at 1301 E. Voorhees St., at Griffin and Voorhees streets.

Fastenal manager Nick Roberts said the business should move to its new site by mid-June or early July. He said he's unsure about a grand opening.

Roberts said Fastenal is reinvesting in its stores. The Bowman site is "very outdated," he added. Remodeling of the building is taking place; then the process will begin of moving inventory. "Two stores are running out of our store," Roberts said. He said they have the local Danville brand items and also deal with freight and larger customers. "We have a lot of inventory on hand," he said.

Fastenal is the largest supplier in North America of fasteners. It also sells nuts, bolts, sockets and other items. Fastenal has nearly 2,700 stores spanning all 50 states and 20-plus nations.

Cold Heading Co. to Double in Size

Michigan-based Cold Heading Co. is growing its footprint in Steuben County. It will invest more than \$12 million to double the size of its Fremont facilities and add up to 30 jobs by 2019.

Cold Heading Co. makes cold formed fasteners for the automotive, agriculture, marine and industrial industries. It says increased demand from customers including General Motors, Nissan, Ford and Chrysler has led to the need for growth. The company broke ground last week on the expansion, which will cover a combined 148,000 square feet and allow for additional production capacity.

Cold Heading Co. has 800 employees in three states, including about 175 at its facilities in Fremont and Hudson, Indiana. The more than century-old company says it is currently hiring machine operators, tool room associates and repair technicians.

Scell-it (UK) Develops New Warehouse as Part of Expansion

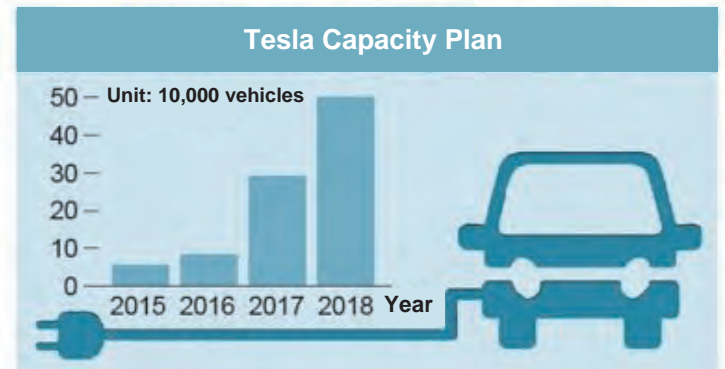
A Stafford blind rivet and fixings specialist will develop a new warehouse as part of an expansion. Scell-it was granted permission by Stafford Borough Council for a 10,000 sq ft plot at Beacon Business Park. It will include 2,000 sq ft of office space and 8,000 sq ft of warehousing, parking and cycle facilities. Scell-it, which employs 11 people and offers fixing solutions to engineering and building contractors worldwide, formed in 1988. It has had its UK headquarters at Beacon Business Park since September 2013.

Crescent Manufacturing Hosting a Fastener Training Institute Workshop on September 20, 2016

The Fastener Training Institute will be conducting a one day training course at Crescent Manufacturing on Tuesday, September 20 at the Crescent Manufacturing plant. This training session will be led by Jim Speck.



- EVENT: Fastener Fundamentals
- DATE: September 20, 2016
- TIME: 8:30 am - 4:00 pm
- LOCATION: Crescent Manufacturing, 700 George Washington Turnpike, Burlington, CT

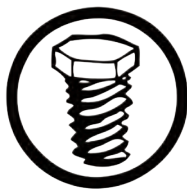


Tesla's Capacity and Supply Chain Sales Expand

The electric car giant Tesla rolled out Model 3 and attracted 400 thousand purchase orders from the world. In response, Taiwanese supply chain increases capacity, and booming revenues are expected for related companies. According to sources in the Tesla supply chain, as Tesla's sales reach a certain level, it will no doubt find a second supplier, and will set up a plant in China for future sales. The supply chain is already cooperating on this. Sumeeko, the Taiwanese fastener supplier for Tesla, has begun a new plant investment since last year. Its increased capacity this year is enough to cope with Tesla's demand.



YFP to Select 10 Young Professionals to Attend NIFMSE'16



Young Fastener Professionals

As part of Emerald Expositions "Rising Star Program," YFP is tasked with selecting 10 young professionals to attend this year's National Industrial Fastener & Mill Supply Expo in Las Vegas! The 10 individuals selected will receive a complimentary 2-night stay in Harrah's Las Vegas Hotel in addition to a free admission ticket to the exhibit hall where the show is hosted. Young Fastener Professionals will only be selecting those individuals who have never attended the show before and can commit to its networking event on Tuesday October 25, 2016 at 4:30pm in the Sands Expo Center.

EFC International Appoints New Strategic Position

In a continued drive for growth, commitment to customers and supply partnership excellence, EFC International announces the addition of Mike Massengill as Plastics Design/Application Engineer. Reporting directly to Dave Pfeifer, Director of New Business Development, Mike will be responsible for collaborating with EFC's sales engineers, customers, and suppliers to drive growth with innovative key products.



Mike joins EFC with over 25 years of experience in application and design engineering, most recently with TRW Automotive. Mike's automotive background and his extensive management experience in product development, launch support, sourcing, and procurement provide an enhanced relationship for the customer, as well as, supplier.

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 marketplaces.

Jeff Sharp Joins PennEngineering® as Director of Global Quality

Jeff Sharp has joined PennEngineering® as Director of Global Quality, it was announced by the Company. Sharp will be responsible for leading and directing the Corporate Management Control System.



Sharp has particularly relevant experience and expertise in the quality arena. Sharp holds seven ASQ certifications, which represent formal recognition of proficiency by the ASQ governing body, and is well versed in the TS 16949 and AS 9100 quality certification processes within the automotive industry.

Headquartered in Danboro, PA, USA, and founded in 1942, PennEngineering is a global leader in the fastening industry with technical and manufacturing facilities in the United States, Europe, and Asia supported by a worldwide network of authorized engineering representatives and distributors.



Canadian Southern Bolt Supply Ready to Meet the Needs

Southern Bolt Supply started as a sideline business in 1987 as Randy was working in the oilfield at the time, but after a while, the business grew to the point where it was demanding more and more of his time.

"I worked at the mines in the early 1980s, welding, and then went into battery operating in the oilfield. But as Southern Bolt grew, I was able to leave the patch and work solely in the fastener and tool business," he said. "We are a fastener and tool supply company for farming, mining, power stations, oilfield maintenance companies and construction." Last year, the company also took on the duties of being the distributor for Pointer Attachments Buckets and Blades for most skid steer machines, building up their reputation as a diverse supplier for a diverse economy and community.

"We try and help every customer with consistent service, no matter if it's a screw for a sewing machine or a bolt for a dragline," said Randy. "We're broad-based, supplying for farming, industry, electrical contractors, plumbers and building contractors. It's been 29 years in the business, coming on 30 and that's thanks to our customers over the years."

Zyh Yin Enterprise- the Largest Fastener Supplier of IKEA

Zyh Yin Enterprise is the largest fastener supplier of Sweden-headquartered IKEA. President Chi-Hsiang Chen's unique business running and strict control over related costs made Zyh Yin still reach a significant growth of 20% in the downturn of last year.

Zyh Yin was established by President Chen in 1980 in Kaohsiung (Taiwan). It is the largest furniture screws manufacturer in Taiwan and its products are exported to more than 60 countries. Zyh Yin is headquartered in Yanchao Dist. of Kaohsiung and is specialized in the manufacture of screws, nuts, and bolts for wooden furniture. Zyh Yin was originally a furniture manufacturer that needed lots of highly precision, inexpensive, and good-to-use screws. This is why President Chen later stepped into the field of manufacturing furniture screws.

Chen said the business philosophy of Zyh Yin is to focus more on marketing and sales, and that is why he cooperates with IKEA in Europe and HOME PEOPLE in the U.S. Zyh Yin always shows strict requirement for the quality of fasteners and all of its products are compliant with DIN and IFI standards. On the other hand, Zyh Yin also cooperates with an Italian company to co-develop dies used in the production of hardware and related accessories.

Zyh Yin's customers can be found in many countries such as South Africa, USA, Mexico, Argentina, Australia, New Zealand, Indonesia, Turkey, Germany, Denmark, Spain, France, Sweden, Slovakia, Ukraine, Canada, Czech, and Italy. Zyh Yin's important customers in Europe and USA are the main momentum of continuous innovation and creativity of the company.

Fang Sheng Screw Widely Recognized by Global Leading Automotive & Motorbike Manufacturers

Since 1978 Fang Sheng Screw has been specialized in the production of hex socket screws in alloy steels and its “YFS” branded products with high quality (especially Grade 12.9 hex socket screws) are sold to many countries around the world. Its high quality is widely recognized and trusted by local and overseas customers and Fang Sheng has been one of the major manufacturers of hex socket screws domestically and internationally.



Fang Sheng Screw offers the widest range of high quality hex socket screws and one-stop shopping service to customers. It is also one of the few Taiwanese companies which do not move factories to other countries and continue to invest in Taiwan. Its 2nd factory in Gangshan started to operate in 2014 and focuses on automotive fasteners, which are widely adopted by many automotive and trucks manufacturers. Fang Sheng is also dedicated to the production of industrial and customized fasteners, which are sold to markets in Europe, America, Japan, S. Korea, China, and Southeast Asia. Fang Sheng has become the only German ICE approved supplier in Asia since 2009.

Fang Sheng has been certified by ISO 9001, ISO/TS 16949, ISO 14001, ISO 17025, and TAF and has been also approved by customers including T1 and T2 automotive and truck component suppliers and OEM car manufacturers.



Taiwanese Jau Yeou Expands to Aerospace Supply Chain

With 35 years of history, Jau Yeou Ind. Co. Ltd. is actively deploying in the aerospace industry and gradually outstands itself in the aerospace supply chain, shifting the company to the high value industry.

According to the president, 10 years ago Taiwanese fastener companies teamed up under the calling of TIFI (Taiwan Industrial Fasteners Institute) chairman to form the aerospace fastener alliance in hope of a way to the upgrade of fastener industry. The president broke through all challenges and established an aerospace logistics company and aerospace components company, acquiring 6 aerospace special manufacturing certificates and purchase orders. He set an example for any Taiwanese company planning to expand to the aerospace supply chain.

Its logistics company not only owns critical technology for aerospace components, but is also an aerospace component logistics center in the Asia Pacific region as well as the first Taiwanese company to have acquired AS-9120 aerospace logistics and distributorship certificate.

Its aerospace components company has acquired 6 aerospace special production certificates. It is also among the only two Taiwanese companies whose X ray inspection technology has acquired the GE certificate.

Apex Fastener Reports Increased Sales in Automotive Nuts

Apex Fastener, the subsidiary of Yeh Cheng Machinery, is a big trading company for automotive nuts. Over the past 3.5 years, managing director Mr. Lin has been going abroad with his team to expand the business and always brought back many successful results. The company is reported to have achieved an 100% increase in sales for 3 consecutive years.

Apex's parent company, Yeh Cheng Machinery, is a Guangmiao, Tainan-based nut manufacturer. Founded by President Cheng in 1993, Yeh Cheng specializes in manufacturing standard hex flanged nuts and gradually focuses more on the production of customized products with high added values. Its monthly production volume is 700-800 tons. The annual revenue of the entire group is about NT\$0.72 billion.

Looking ahead, Managing Director Lin noted that in order to correspond to future market demand and increase the company's competitiveness in the global market, the company will aim at creating a complete in-house supply chain that integrates all manufacturing processes together. As a result, it can control the quality of products and lead times in a better way and increase sales in the int'l market.

Taiwan CSC Forms a New Industrial Alliance with Chun Yu and Boltun

Taiwan's wind power industry is basically led by China Steel Corp. (CSC), which has been working together with high-end fastener manufacturers Chun Yu and Boltun to form a new industrial alliance. This alliance is not only for implementing the wind power projects in Taiwan, but is also expected to expand business to overseas markets like China, helping Taiwan build a new wind power industry supply chain.

CSC President Soong said that CSC, CSBC, Taipower, and CPC are respectively specialized in their own industry sectors. If they can cooperate with each other, they can create very high profit.

Steel experts noted that as the supply of steel in the global market is larger than the demand, CSC should be more active in seeking opportunities in more different areas and create its own niche in the market to retain its leading position and boost the upgrade of the downstream industry.

Leaders from the management of Chun Yu and Boltun both said that with the continuous development of high quality and high end fasteners, the technology and supply chain of Taiwanese fastener industry will definitely satisfy the demand for wind power generation and the national defense industry. Everything is ready and they are ready to fight.