

MEASURES & REGULATIONS

South Africa Announces Final Determination on AD Investigation Against Certain Imported Threaded Fasteners of Iron and Steel

南非對進口鋼鐵螺紋扣件作出保障措施終裁

On February/10/2020, South Africa announced its final determination on the antidumping investigation against certain imported threaded fasteners of iron and steel and will impose three phases of ad valorem protective measures upon products involved in this case, which include: 54.04% at phase I (March/27/2020-March/26/2021), 52.04% at phase II (March/27/2021-March/26/2022), and 50.04% at phase III (March/27/2022-March/26/2023). Products involved are 7318.15.41, 7318.15.42 and 7318.16.30. The investigation period is between July/01/2014-June/30/2018. This investigation was launched after South African Iron and Steel Institute submitted its application on March 01, 2019.



South Africa Initiates an Investigation on Imported Steel and Iron Hexagonal Bolts

南非對進口鋼鐵製六角螺栓發起保護措施調查



On May 15 the South African International Trade Administration Commission announced to initiate a safeguard measure investigation against imported steel and iron hexagonal bolts.

The application was lodged by South African Iron and Steel Institute. The HS code involved within the investigation is 73181543. All parties involved had to submit related information and comments within 20 days after this announcement (by June 4). This is the third safeguard measure investigation launched by South Africa on certain steel and iron fasteners. The previous two investigations were:

- (1) Investigation on hexagonal steel screws initiated on April 20, 2018. The HS code involved was 73181539. The products involved were charged an ad valorem tax for a period of 3 years as a safeguard measure. The tax rate was 50.54% for the first year, 48.01% for the second year, and 45.61% for the third year.
- (2) Investigation on steel threaded fasteners initiated on March 1, 2019. The HS codes involved were 73181541, 73181542, and 73181630. The products involved were charged an ad valorem tax for a period of 3 years as a safeguard measure. The tax rate was 54.04% for the first year, 52.04% for the second year, and 50.04% for the third year.

Carbon and Alloy Steel Threaded Rod from China and India Injures U.S. Industry, Says USITC

美國國貿委員會認定中國及印度進口碳鋼/合金鋼牙條對美產業造成損害



The United States International Trade Commission (USITC) determined that a U.S. industry is materially injured by reason of imports of carbon and alloy steel threaded rod from China and India that the U.S. Department of Commerce (Commerce) has determined are subsidized and sold in the United States at less than fair value.

Chairman David S. Johanson and Commissioners Rhonda K. Schmittlein, Jason E. Kearns, Randolph J. Stayin, and Amy A. Karpel voted in the affirmative. As a result of the Commission's affirmative determinations, Commerce will issue antidumping and countervailing duty orders on imports of carbon and alloy steel threaded rod from China and India.

The Commission's public report Carbon and Alloy Steel Threaded Rod from China and India (Inv. Nos. 701-TA-618-619 and 731-TA-1441-1442 (Final), USITC Publication 5040, April 2020) will contain the views of the Commission and information developed during the investigations.

Ukraine Releases Preliminary Determination Regarding AD Duty on China-made Steel Fasteners

烏克蘭對中國鋼製扣件做出反傾銷初裁

On May 28, 2020, Ukraine released a preliminary affirmative determination regarding the AD duty on China-made steel fasteners including screws, bolts and nuts in accordance with the resolution stated in AD-447/2020/4411-03. Effective from the date of the announcement for a period of 4 months, a temporary 19.75% AD tax will be imposed on fasteners including Ukraine-HS codes 7318156990, 7318158190, 7318158990, 7318159090, 7318169190 and 7318169990.

Ukraine initiated this AD investigation on steel fasteners originated in China on December 7, 2019.



Turkey Announces Additional Tariffs Against Imported Fasteners

土耳其對螺絲螺帽課徵附加關稅



According to the official journal no. 31103 (2424) of the Turkish Government released on April 18, certain fasteners imported to Turkey will be subject to additional

tariffs, effective on the release date of the official journal.

From April 18 to September 30 this year, certain fasteners imported from countries falling within Cat. 5-9 to Turkey will be subject to a 30% additional tariff, and the countries falling within Cat. 9 (including China, Taiwan, Japan) will, as a result, face a 33.7% tariff rate in total.

After October 1, 2020, certain fasteners imported from countries falling within Cat. 5-9 to Turkey will be subject to a 10% additional tariff, and the countries falling within Cat. 9 (including China, Taiwan, Japan) will, as a result, face a 13.7% tariff rate in total.

Fastener categories involved in this case are shown below,

7318.11.00.00.00 / 7318.12.10.00.00 / 7318.12.90.00.00 /
7318.13.00.00.00 / 7318.14.10.00.00 / 7318.14.91.00.00 /
7318.14.99.00.00 / 7318.15.20.00.00 / 7318.15.35.00.11 /
7318.15.35.00.12 / 7318.15.42.00.11 / 7318.15.42.00.12 /
7318.15.48.00.11 / 7318.15.48.00.12 / 7318.15.52.00.00 /
7318.15.58.00.00 / 7318.15.62.00.00 / 7318.15.68.00.00 /
7318.15.75.00.00 / 7318.15.82.00.00 / 7318.15.88.00.00 /
7318.15.95.00.11 / 7318.15.95.00.12 / 7318.16.31.00.00 /
7318.16.39.00.00 / 7318.16.40.00.00 / 7318.16.60.00.00 /
7318.16.92.00.00 / 7318.16.99.00.00 / 7318.19.00.00.00 /
7318.21.00.00.00 / 7318.22.00.00.00 / 7318.23.00.00.00 /
7318.24.00.00.00 / 7318.29.00.00.00

Note: Categories of Countries

Cat. 1: The EU, EFTA, Israel, North Macedonia, Bosnia & Herzegovina, Morocco, Palestine, Tunisia, Egypt, Georgia, Albania, Kosovo, Serbia, Motenegro, Chile, Mauritius, Moldova, Faroe Islands

Cat. 2: South Korea

Cat. 3: Malaysia

Cat. 4: Singapore

Cat. 5: Countries enjoying favorable tariffs

Cat. 6: Least developed countries

Cat. 7: Countries applicable to special incentive measures

Cat. 8: Developing countries

Cat. 9: Others (such as China, Japan, Taiwan)

MERGERS, ACQUISITIONS, COLLABORATIONS



Belenus Acquires the Tellep Brand

Belenus 併購Tellep

On May 29, 2020, Belenus S/A (Vinhedo town, SP State) reported the official acquisition of Tellep, a renowned fastener brand owned by Metalac SPS Ind. e Com. Ltda. (Sorocaba, SP), a Precision Castparts Corp member group. The brand offers a line of hexagon socket screws with several head kinds (cylindrical, flat, bulging and others), made to application in fastening systems with high resistance demand.

"We are so proud and optimistic about this important investment that will bring great know-how and high quality for us and will be more solid and complete the name of Belenus on the fastener market. Meanwhile, we are going to keep the trading of Tellep lines produced by Metalac. Soon, we will start a process involving technology and knowledge transfer for us and get all conditions to produce in our modern industrial plant", told Ezio Ruocco Jr., the Belenus Vice-President.

"The sale involves brand, technology transfer and current stocks, not including other assets, such as machinery and tooling. Tellep sale is totally aligned with Metalac business strategy which consists of growing business in the automotive industry, local and overseas, as well as settle the presence in the aerospace sector, both with ongoing investments despite the Covid-19 crisis", said, Rodrigo B. Egea, the Metalac General Manager.

BMZ Signed Major Agreements in Austria

白羅斯BMZ公司與奧地利廠商簽訂重大合約



In the framework of the Belarusian-Austrian business forum, "BMZ OJSC - managing company of "BMK Holding"" signed with Austrian partners major agreements on export deliveries for 2020. They are talking about the sale of more than 270 thousand tons of metal products worth about 100 million euros.

The agreements that BMZ signed with Belmet and Pisek Group companies include the shipment of Byelorussian metal products to Austria and the countries of the European Union. Mainly metal rolled and wire products will be exported. Particularly, structural rolled products can be distinguished, the production and marketing of which BMZ has significantly increased in recent years. This is a high-tech metal product, which is intended for such premium industries as the automotive one.

Byelorussian Steel Works and Austria have long-term partnerships that have lasted since the construction of the plant. Then, 35 years ago, an Austrian company acted as one of the key suppliers of equipment and technology. Later, the Austrian company took part in many reconstructions and modernizations carried out at the enterprise.

Since BMZ entered export markets, the plant's relations with Austria have become bilateral: the country has become for BMZ not only a supplier of equipment, but also a consumer of products. It should be noted that BMZ is one of the main suppliers among non-EU suppliers of shipped types of metal products to the Austrian market.

Aero Fasteners Joins Enduralock

Aero Fasteners與Enduralock策略結盟

India's Aero Fasteners has gotten into a strategic partnership with U.S. Enduralock for manufacturing and distribution of the latter's patented fasteners. Based in Rohtak, Haryana, Aero Fasteners is an AS9100D certified company, engaged in manufacturing of high-quality fasteners and machined components catering to Aerospace, Defense, Marine, Electronics and other segments requiring micro and precision components. Enduralock is the patent owner of special locking fastening solutions, which are permanent, reversible and reusable. The company is a premier leader of vibration resistant technology in the fastener industry. This strategic partnership will benefit the fast growing Indian defense and aerospace segment. The MoU signing ceremony was held during Defexpo 2020 at Lucknow.



EU's AD Duties Against Wire Rod Originating in China to Expire This October



歐盟對中國進口線材課徵之反傾銷稅將於10月16日到期

The 24.0% AD duty the EU has imposed against wire rod originating in People's Republic of China is scheduled to expire on 16 October, 2020. If there is no written request for a review being submitted to reach the European Commission, Directorate-General for Trade, at any time from the date of the publication of the present notice but no later than three months before 16 October, 2020, the measure will be terminated.

MARKET ANALYSES & STATISTICS

South Africa's Car Export Won't be Impacted by UK's New Tariff Measures

南非出口英國之汽車將不受英國脫歐後之關稅影響

UK's Department for International Trade has recently announced new tariff measures, which will take effect on January 1st, 2021 and will involve up to 6,000 types of products. According to the new list of products subject to the tariffs, cars imported into the UK will be subject to a tariff rate of 10%. However, as South Africa has signed an economic partnership agreement with the UK in Sep. 2019, which allows South Africa to enjoy the favorable tariff-free measure, cars exported from South Africa to the UK will not be subject to the tariff of 10% imposed on all countries.

The UK is one of the most important export partners for the automotive industry of South Africa. In 2019, South Africa exported 387,125 units of cars to the world, 101,401 units of which (more than 25%) were exported to the UK and 37,152 units of which were exported to Germany (its second largest export partner). According to Naamsa, any change in the economic partnership agreement has to be bilaterally negotiated and cannot be made unilaterally by either party. As a result, cars exported from South Africa to the UK will still enjoy the favorable tariff-free measure after the new measures comes into effect in January 2021.

Malaysia's Auto Parts Export Grew 13.2% in 2019



2019年馬來西亞汽車零組件出口成長13.2%

Malaysia reported a very good result in its auto parts export in 2019, reaching MYR 13.7 billion (up 13.2% from 2018). In 2019 Malaysian automotive industry created 65,388 job opportunities. If to calculate since 2014, it created 312,565 job opportunities in total. According to Malaysian Automotive Association (MAA), in Malaysia there are 22 car manufacturers and assembly plants for sedans, commercial vehicles and motorbikes.

MITI vice secretary general Norazman Ayob said that the automotive industry is one of the most important industries in Malaysia. In 2019 the production value of the automotive industry represented 4.3% of Malaysia's GDP. Despite many challenges in 2019, the sales of various types of vehicles in Malaysia still climbed to 604,287 units, slightly up 0.95% from 2018.

Brazil: Biggest Growth Rate Over Top Automotive Global Manufacturers in 2019

巴西2019年車產量增長表現優於全球主要生產國

While the global health sector and public authorities are working to find solutions to the Covid-19, it's been so hard to write about business on the fastener market in a time of huge volatility and uncertainties. Despite it may be late to analyze 2019, Brazil was at a comfortable pace, slow but steady, in an economic recovery. The situation last year began with the disaster at Brumadinho Dam (50 km from Belo Horizonte City, Minas Gerais State) owned by Vale S.A., which occurred on 25 January.

That disaster rocked Q1 and part of GDP, ending December 31 with a positive result at 1.1%, a little bit less than 1.3 % during 2017 and 2018. However, during Q2 until Q4 the country has got good results, which can be confirmed by referencing automotive production, not considering motorcycle production.

According to the Organisation Internationale des Constructeurs d'Automobiles (OICA), among the 10 biggest global motor vehicle manufacturers, Brazil (2.2%) and Spain (0.1%) were the only ones closing the year without negative growth, and this cannot be attributed to COVID-19, which impacts most in 2020.

PRODUCTION OF MOTOR VEHICLES			
	2018	2019	Variation
1. China	27,809,196	25,720,665	-7.50%
2. USA	11,314,705	10,880,019	-3.70%
3. Japan	9,728,528	9,684,298	-0.50%
4. Germany	5,120,409	4,661,328	-9.00%
5. India	5,174,645	4,516,017	-12.20%
6. Mexico	4,100,525	3,986,794	-2.80%
7. South Korea	4,028,834	3,950,617	-1.90%
8. Brazil	2,879,809	2,944,988	2.20%
9. Spain	2,819,565	2,822,355	0.10%
10. France	2,270,000	2,202,460	-2.90%

Source: www.oica.net



Made in / Made out- Some Recent Comparisons and Results About Brazil as a Fastener Importer and Exporter

近期巴西扣件進出口表現及比較

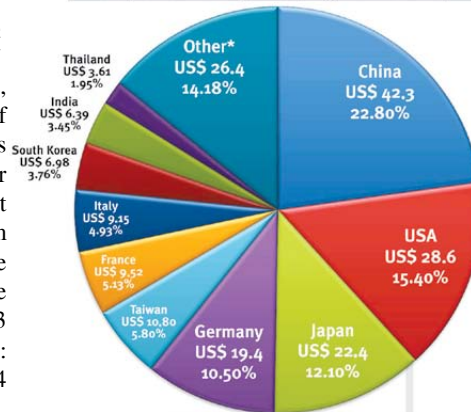
Between January and April 2020, Brazil imported around 38,800 tons of fasteners (bolts, screws, nuts, rivets, nails and others made of iron, steel, copper, or aluminium). The metallic items "made out of Brazil" cost more than US\$ 185 million during that period (11.5% lower than the same period in 2019). Among the top five supply countries were, China: US\$ 42.3 million; USA: US\$ 28.6 million; Japan: US\$ 22.4 million; Germany: US\$ 19.4 million, and Taiwan: US\$ 10.8 million.

Throughout 2019, the total imports hit US\$ 621.65 million (8.7% lower than 2018), accumulating 123.9 thousand tons (6.7% lower than 2018). The top five export countries were, China: US\$ 130 million; USA: US\$ 95.5 million; Germany: US\$ 72.9 million; Japan: US\$ 72 million and Italy: US\$ 37.3 million.

By another side, in the same four months of 2020, the fasteners "Made in Brazil" achieved 6,726 tons on export (33.1% lower than the same period in 2019), totalling a revenue of US\$ 45.52 million (30.8% lower than the same period of 2019), in which China bought only US\$ 233 thousand (0.51%). The top five Brazilian customers were the USA: US\$ 20.6 million; Argentina: US\$ 5.71 million; Paraguay: US\$ 2.8 million; France: US\$ 2.11 million; and Mexico: US\$ 1.87 million.

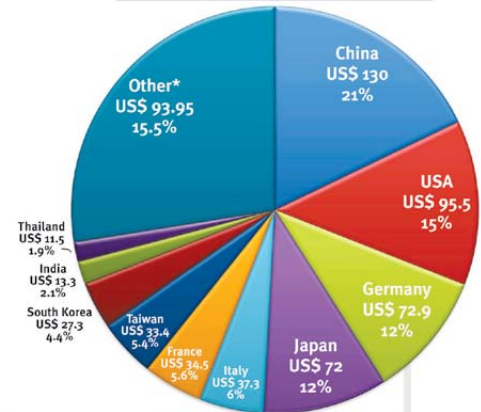
During 2019, Brazilian fastener export revenue reached US\$ 193.93 million (20.7% lower than 2018), accumulating to 29,576 tons (13.4% lower than 2018). The top five customer were the USA: US\$ 79.7 million; Argentina: US\$ 22.6 million; Paraguay: US\$ 13 million; France: US\$ 7.86 million; and Mexico: US\$ 6.64 million.

Imports: 2020 (Jan. April), Million US\$



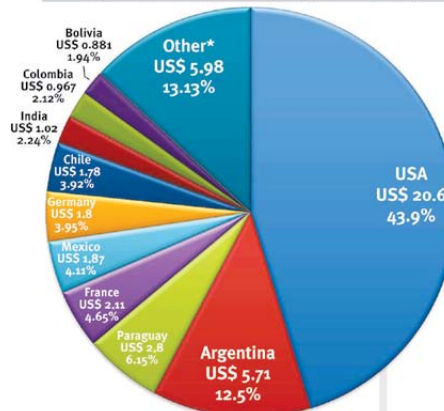
	TOTAL	Variation 2020 - 2019	FOB Price: US\$ 4.78
Value (million)	US\$ 185.55	↓ -11.5%	
Tons	38,811	↓ -7.0%	

Imports: 2019, Million US\$



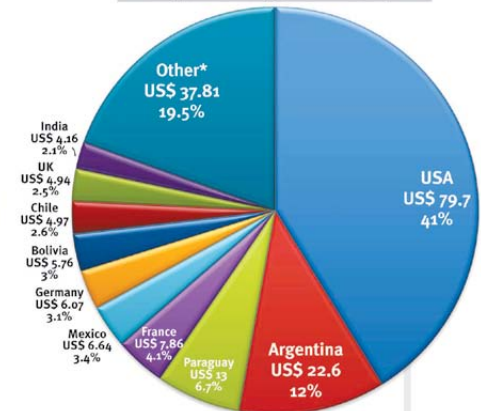
	TOTAL	Variation 2019 - 2018	FOB Price: US\$ 5.02
Value (million)	US\$ 621.65	↓ -8.7%	
Tons	123,923	↓ -6.7%	

Exports: 2020 (Jan. April), Million US\$



	TOTAL	Variation 2020 - 2019	FOB Price: US\$ 6.77
Value (million)	US\$ 45.52	↓ -30.8%	
Tons	6,726	↓ -33.1%	

Exports: 2019, Million US\$



	TOTAL	Variation 2019 - 2018	FOB Price: US\$ 6.56
Value (million)	US\$ 193.93	↓ -20.7%	
Tons	29,576	↓ -13.4%	

Source: The Brazilian Ministry of Industry, Foreign Trade and Services

*Info: In the infographics there are some discrepancies in percentage, due to added values conditions.

RECALL: Fastening in Brake Caliper was the Source of Jeep Renegade Recall

煞車卡鉗緊固問題致Jeep Renegade車款被召回

Since the end of February, the Brazilian unity of Fiat Chrysler Automobiles (FCA) started a recall of 1,877 units of the Jeep Renegade, model year 2019/2020 and 2020/2020. According to FCA, there is a possibility of breaking one of the fastening points in the set of the rear brake calipers on the right side, a situation of obvious risk as it may compromise the braking capacity of this crossover vehicle. Such repair requires at least 1 hour, implying an analysis and, if necessary, the replacement of the rear brake caliper assembly.





Personal Watercraft Announced Recall Caused by Fasteners

私人快艇品牌因扣件問題宣布召回

In the end of February 2020, BRP Brazil Motorsports started a recall involving personal watercraft models, from Sea-Doo brand, due to the risk of loosening of fasteners on a grid while in use.

According to BRP, if this vehicle was at a speed greater than 88 km/h (55 MPH) without its grid at the structure the driver may get problems to keep the control. The occupants can be ejected, resulting in serious injury or even death.

The Sea-Doo series involve three models: GTX, RXT and Wake PRO, model 2019 and equipped with engines 230 or 300 HP. The maintenance demands a replacement of the grid and the fasteners.

“Triumph” Motorcycles Suffer Recall for Applying Locking Chemical

巴西“Triumph”機車將召回特定車款進行防鬆黏著劑處理

The Triumph Motorcycles Brazil is one of the company's 12 subsidiaries worldwide and is headquartered in São Paulo (SP) with a factory in Manaus. On Feb./05/2020, the company announced the call for the owners of 201 motorcycles sold in the country, model Speed Twin (model year 2019, with chassis number between 97ND54HF9KM932929 and 97ND54HF3LM976037), to carry out the application of locking chemical on the spherical joint region of the shift pedal.

According to the press release, "the connection lever of the travel pedal may come loose in the region of the ball joint, resulting in excessive movement at the end of the gear shift lever, which can restrict the movement of the travel pedal. On motorcycles affected, the front and rear spherical joints may come loose, making it difficult to change gears and, if not corrected, leave the driver without the possibility of selecting gears, which may increase the risk to the driver and third parties. Such a corrective action to ensure the safety of Triumph customers and the time spent in performing the service is approximately 30 minutes".



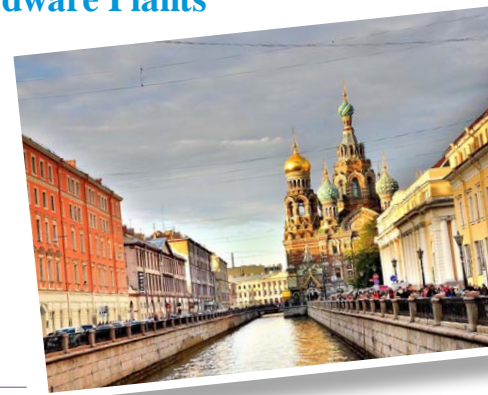
INDUSTRY ACTIVITIES

Many Sets of Equipment from Taiwan Work at Russian Hardware Plants

多家俄國五金工廠陸續引進台灣設備

Recently, Russia has launched more production of self-tapping screws. Small companies created these plants in different cities. At the same time, large manufacturers of fasteners are expanding their production. This was stated by the Novolipetsk Metallurgical Plant, MMK-Metiz. Severstal-Metiz decided to start manufacturing self-tapping screws. Most of these plants have sets of equipment imported from Taiwan.

Successful experience in the supply of Taiwanese hardware for the manufacture of fasteners was discussed at the regular conference “Fasteners. Quality and Responsibility” by a representative of Rost Group & Technology Co., Ltd. This conference was held on April 15-16 in St. Petersburg.



Sundram Fasteners Starts Production at Sri City Plant

Sundram Fasteners 啟動斯里市廠房的生產

Sundram Fasteners has begun operation at its new SEZ unit at Sri City, Andhra Pradesh. The new facility, which has been set up with an initial investment of 100 crore, will manufacture and export high-precision engineering components to a leading European manufacturer for onward supply to its global marquee OEM customers.

The company's new facility has commenced commercial production and made the first shipment to Germany on January 27. Set up in 1966, Sundram Fasteners has grown into a global leader, manufacturing critical, high-precision components for automotive, aviation and windmill sectors. Its wide product portfolio includes fasteners, powertrain components, sintered metal products, iron powder, cold extruded parts, radiator caps, water and fuel pumps, and wind energy components. The new facility, according to the company, aims to add products to its portfolio and diversify its export customer base, providing further impetus to its exports.



Germany's Kamax Group Plans Production in India

德國Kamax集團計畫在印度生產

Being a market leader in the area of high-strength fasteners and a 100 percent supplier to the automotive industry, the Kamax Group is the latest entrant in acknowledging India's growing importance in the global automotive scene. Additionally, the Indian Government's 'Make in India' initiative is also proving to be of substantial benefit to global majors to manufacture and export from India.

The Group is the world's leading manufacturer of high-strength fasteners and a competent partner for the development and production of complex cold-formed parts. The company has a €750 million turnover (~5,863 crore), 3,500 employees at 12 locations worldwide, and produces 2,01,000 tons of steel per year which equals 3.5 billion fasteners and complex cold-formed parts. Seventy-two percent of its business comes from supplies to passenger vehicle OEMs and the rest from commercial vehicle manufacturers.

The company, with the aim to get closer to its Indian customers and, also to be more cost-competitive, now plans to begin its India operations within the next two years. It has been catering to the Indian market for over a decade and set up a sales office in Bangalore three years ago.



Moglix to Create Industrial Centers Across the Country

Moglix公司將在印度全國成立工業中心

Moglix, a start-up that specializes in B2B procurement, maintenance, repair and overhaul of industrial products such as fasteners and industrial electricals, aims to digitally transform the supply chain of the manufacturing sector in India. To this end, it plans to create industrial centers across the country to cover all 25 plus major hubs of manufacturing by May this year.

The Noida-based start-up started off with the backing by Accel Partners and Jungle Ventures. It is also backed by marquee investors including Tiger Global, Sequoia India, Composite Capital, IFC, and Venture Highway.

Moglix is also working towards an innovation garage called 'Moglix Innovation Hub (MIH)' for B2B commerce and supply chain. This initiative will focus on areas pertinent to the procurement domain - advanced technology, SaaS platforms, fintech, and logistics to name a few.

Meeting for the Coordination Council for the Development of Russian Automotive Fastener Production Takes Place in Belebey

俄國汽車扣件發展協調委員會在Belebey舉行會議

On March 17, in Belebey (Bashkortostan), a meeting for the Coordination Council for the Development of Hardware Products Production in Russia was held, the key topics of which were import substitution of metal products and the quality of Russian fasteners for mechanical engineering.

The event was held as part of the implementation of the agenda of the Intersectoral Work Program to develop new types and improve the quality of metal products for the automotive industry, which was approved by the Ministry of Industry and Trade of Russia and is valid until 2023.

The participants of the Coordination Council noted that despite some problems, arising with wire rod, vintage composition and standard sizes, in Russia there are new technical specifications and examples of successful import substitution. BelZAN JSC, at the manufacture of fasteners, works with economically alloyed and boron-containing steel grades according to TU-14-1-5675-2019, which was developed by TsNIIchermet. The meeting participants agreed on the use of steels by these specifications. After refinement in relation to the European standards, they are ready to take them as a basis in the manufacture of fasteners for the automotive industry.



Volgograd Hardware Plant Receives Funds for the Development of Fastener Production

Volgograd五金廠獲得扣件生產開發資金贊助

A new type of fastener will be mastered using a loan in the amount of 45.6 million rubles at Volgograd Hardware Plant. This amount was received immediately from two Funds for the development of industry - federal and regional ones. Mastering the manufacturing of a new type of product is not the only goal to modernize production lines, which will be carried out with the help of investments. Another goal is to increase production volumes.





Space Launches Postponed Due to Low-quality Bolts

因為螺栓品質不佳 俄羅斯延遲新型火箭試射

The first in 2020 Proton-M missile launch was postponed from late March to late May. The reason for this, as reported to RIA Novosti Alexey Varochko, General Director of the State Space Research and Production Center (GKNPC) by Khrunichev, was a mismatch of components with the necessary parameters. In order to fulfill the contract for launching two telecommunication satellites Express-80 and Express-103 into the geostationary orbit, they made a decision to replace the defective elements.

According to Vedomosti after a source close to the leadership of the GKNPC, defects were discovered on two Protons, assembled in 2015–2016: the first missile was intended to launch two Expresses, and the second - for the July launch of the most important Russian-European scientific ExoMars-2020 mission to Mars. On both missiles problems were discovered with bolts, used for the internal mountings of the Proton elements. According to the results of the audit, it turned out that they had been overdone at production process, which negatively affected their strength.

Vonder Launches Socket Ratchet with Telescopic Handle and Hinged Head

Vonder發表具有伸縮手把和含絞鍊頭部的棘輪內六角扳手

A tool for use in tightening and removing bolts and hex nuts, the "socket ratchet, 1/2 fit", telescopic, hinged head from Vonder provides greater agility and ease in fastening work due to its easy action in difficult spots. Made of chrome vanadium steel, it has greater resistance and durability, with a rubberized handle and 450 mm total ratchet length. ■



Hebei Hanhou Intelligent Technology Co., Ltd. / Hi-Hope Enterprise Co., Ltd.
Specialist in construction fixings supplies. www.hanhouai.com

Address: Room 1005, Shiwei Mansion, Southern Lingxi Street, Hanshan District, Handan City, Hebei Province 056003, China
 Contact: Daniel Doe E-mail: daniel_rs@rocketmail.com Tel/Fax: +86 0310 8070726 Mobile/wechat/whatsapp: +86 18630094707