



Russian News

»»» The Fixing Union Develops a Standard for Calculation of Anchoring in Masonry

Calculation and design of anchors in masonry is an urgent task that occurs, for example, in the design of facade systems of buildings, where the system brackets are attached with anchors to the building base. This leads to the need to develop an appropriate regulatory document that would regulate the procedure for calculating anchors in masonry, and, similarly to the method for calculating anchors in a concrete base, would take into account both the strength and geometric characteristics of the base, as well as the characteristics of anchor fasteners, and also the nature of the effect of the load on this fastener. The development of such a standard is carried out by Association of Manufacturers and Distributors of Fixing Systems (Fixing Union) with the participation of the Moscow State University of Civil Engineering (NRU MGSU), taking into account the provisions of the Russian standards (including SP 15.13330 "Stone and reinforced stone structures").

»»» NLMK-Ural to Increase Production of High-carbon Wire Rod

NLMK-Ural (Russian division of NLMK Group) has expanded its product line. After the modernization of steel-making and rolling facilities, the plant mastered the production of continuously cast steel billets with a cross section of 150x150 mm. Previously, the capabilities of the electric steel-making shop were limited to the production of billets with a cross section of 125x125 mm.



This will allow to expand the assortment of metal products (wire rods, wires, fasteners), as well as improve the quality of existing ones. Thus, the production of one of the most demanded products - high-carbon wire rod - will be increased by 40% per year with a simultaneous improvement in physical and mechanical characteristics.

»»» Europartner Offers Multi-fastening Solutions

One of the notable novelties of the past 2020 by Europartner Group is a fundamentally new packaging for fasteners. It is multifunctional. Among its advantages are visual presentation of the product, vandal resistance, technical information on the product, Torx bit included, neat storage, ease of reusability.

Last December, the nylon fastener plant significantly expanded its production. In 2020, on the basis of the Europartner plant a training center was established. It invites Russian plastic processors by injection molding to attend training courses. The courses are conducted by leading experts in plastic processing, materials science, representatives of suppliers of injection molding machines and peripheral equipment, mold designers.



»»» BSW Increased Exports to 13 EU Countries

By the end of 2020, BSW exported more than 925 thousand tons of steel products to the European Union market.

The greatest growth in consumption last year was demonstrated by Spain, Slovenia and France, where the volume of shipments doubled or more. Countries such as Austria, Ireland, Romania, Poland and Finland provided more than 30% of export growth.

The market share of the European Union in the total volume of BSW exports in 2020 exceeded 45 percent. Wire rod, steel wire and structural steel intended for the automotive industry were in great demand. The shipments of the latter have increased significantly compared to the previous year. So, in 2020, the growth rate of exports of structural steel with a diameter of 20 to 80 mm to the EU amounted to more than 150 percent. These products were sold to the EU market for \$ 34.5 million.

In total, in 2020, BSW exported 2 million tons of steel products to 53 countries. It is worth noting that last spring, due to the coronavirus pandemic, the enterprise faced a decrease in demand, primarily for the products of steel wire workshops. However, since last June, its consumption began to recover and reached its usual level. In general, as of 01.01.2021, stocks of finished products at BSW were equivalent to two days of production.

»»» 159 New Products from Severstal



Severstal-metiz, Oryol Steel Rolling Plant and Volgograd Plant Severstal Kanatov mastered 159 new types of products in 2020.

This process involved almost all product areas: wire, calibrated and hot-rolled steel, and fasteners. All new products are developed in cooperation with customers.

The product portfolio of the Severstal-metiz in 2020 was replenished with 39 new types of products. One of the significant projects was the launch of a chopped wire shot production. Compared with traditional shots, high-tensile wire shot offers lower consumption, higher abrasion resistance and lower operating costs for customers.

Orel Steel Rolling Plant mastered 114 new products in 2020. These are mainly fasteners - up to 85%. Among them are new standard sizes of bolts, nuts, washers, fasteners for the automotive industry and construction. ■

