



Industry innovations



ROZTOCZE
www.roztocze.eu



Stainless steel locks and hinges

As a leading manufacturer of industrial closures in Europe, we offer to our customers a wide range of products made of stainless steel. Our range includes locks, handles, hinges and flat fasteners made of stainless steel or steel, with wide application in the marine industry, chemical, food, construction and architecture as well as in the rail industry and transport.

The Company has broad opportunities for individual solutions in the forming of metal sheet and machining of stainless steel using modern machine park with CNC machines. In our offer you will find products made of stainless austenitic, ferritic, martensitic and duplex. Our R&D Department with a Laboratory equipped with salt chamber is able to choose the applications according to the requirements of our customers.



ELEMENTS OF MACHINES AND EQUIPMENT

Our products are of modern and ergonomic design with a wide range of dimensional spectrum. Provides the use in the mechanical, food, chemical and marine industries, as well as in many constructions of machinery and equipment.

We offer products made of thermoplastics and thermoset plastics FS31 which meet the DIN 7708 standards. Most of elements are made of galvanized steel, stainless steel, aluminum or brass. The offer includes: knobs and clamping levers, cranks and hand wheels, revolving and fixed handles, adjustable feet, sockets and other anti-vibration elements as well as a wide range of locks, hinges and industrial gaskets.



HINGES

In our offer you will find hinges made of zinc alloy (ZAMAK), stainless steel and galvanized steel, brass or plastic, which are characterized by high quality, having good mechanical properties and high corrosion resistance while working in harsh industrial environments and weather conditions.

Having our own Tool Room enables us to perform hinges on the individual demand with different sizes of production batches, which are placed on the individual requirements of the standard for corrosivity, capacity or anti-burglary. Our hinges are used in energy, telecommunications, railways, road transport and shipping, in engineering and construction.



LOCKS

Locking systems, locks, latches and other locking elements from our offer, are at high degree of functionality of application in industries such as energy, engineering, telecommunications, gas and rail and sea. Production of locks is done by pressure casting with zinc alloy (ZAMAK), as well as reinforced plastics, brass, galvanized steel and stainless steel.

Among this group are both: simple locks keys shaped or flat, patents as well as requiring the construction of panic locks. We offer stainless steel locks compliant with FDA approved for contact with food, and locks of compliance with NF F01-054 standard having the strength tests, or studies describing the impact of vibration in accordance with EN 61,373. There are simple, single-point closures as well as multipoint closing systems based on the door handles, gear mechanisms or metal tendons. For our customers we provide a service of placing a logo by casting method, additional injection, laser engraving or touch-ups.



LATCHES

Latches are made mainly of stainless steel and galvanized steel, no less we also offer products made from plastics. Some of the products are characterized by a controllable helical shoulder tension, and some through the use of the elastic properties of the materials. Wide range of adjustment is often associated with the use of the security fastener against self-opening under the influence of vibrations. These types of products are widely used in engineering, transport, food, lighting and various types of industrial equipment.



GASKETS

In our offer you will find flat and profile gaskets with a metal frame or without it. Gaskets are made of materials such as EPDM, PVC or rubber mixtures that meet the EN 45545 standards for railways. They are used in other industries to protect against sharp edges, giving the proper IP tightness in building constructions. In terms of color the most popular gaskets are black, however, in our offer we also have grey and white. The range of sheet wedges on which the gaskets are mounted ranges from 1 mm, and up to 6 mm.

CLAMPS TYPE V-KLEMA

Clamps type V-klema are characterized by a very good mechanical and electrical systems. Our solutions are widely used in the energy market enjoying a good reputation from our customers and complying with the EN60947-7-1, EN60947-7-2, EN61238, EN 60999 standards.

Offering aluminum V-klema at tightening torque of 15 Nm to 40 Nm, as well as steel V-klema at tightening torque of 40 Nm. Rated sections that can be mounted in our clamps range from 16 mm² for round conductors or up to 300 mm² for stranded round conductors. The designs use both galvanized steel, stainless steel combined with aluminum and brass at the same time using the appropriate shell plating protection against the negative influence of the environment or intergranular corrosion.



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