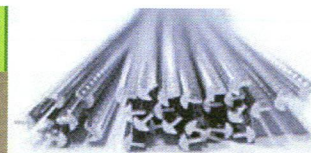




SINTOMS FRETS MUSEUM

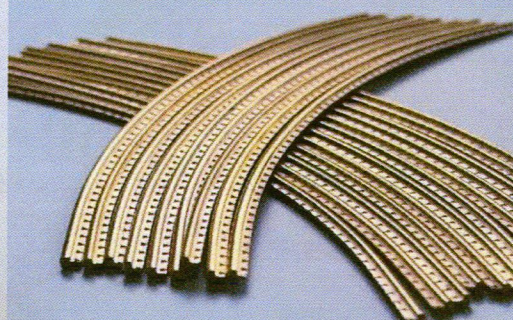
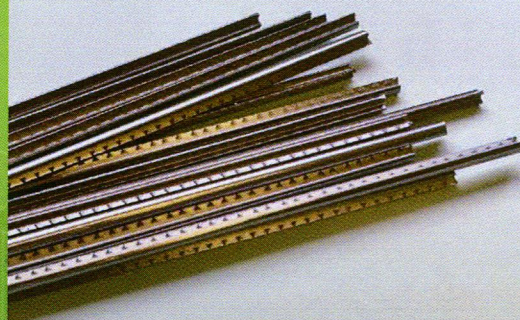
**SINTOMS frets
collection**

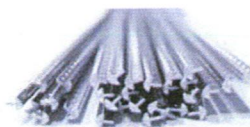


SINTOMS
Fretwire



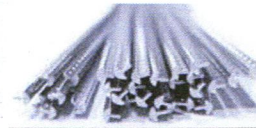
WWW.SINTOMS.COM





Brief history of the creation of SINTOMS frets

Scientific, production and commercial firm SINTOMS Ltd. was founded in **1992**. From the first days of the company's work we began researching the features and characteristics of the frets used by guitar factories and luthiers in the former Soviet Union. First of all, these were Russian frets produced by the '**Muzdetal**' factory in Saint Petersburg, American **Dunlop** frets and also frets from other manufacturers in small quantities.



A few months later, the research formed the basis for the design of our own fret production equipment. Such equipment was successfully developed, manufactured and put into operation.

By the beginning of 1993, mass production of the first **ten main models of Nickel silver frets** had begun. SINTOMS frets immediately attracted the attention of guitar luthiers and factories, and a little later of folk instrument luthiers and factories, thanks to their precise characteristics and, most importantly, their ability to preserve, maintain and even improve the sound of musical instruments.



It took only a short time for luthiers and factories in Russia, Ukraine and Belarus to start using SINTOMS frets (the 'Muzdetal' factory ceased production). By the end of 1993, SINTOMS frets had appeared in Europe, including in Bulgaria, Poland and Romania. All the large factories, such as **Kremona**, **Defil** and **Hora**, as well as guitar makers, started using SINTOMS frets.

From that moment, SINTOMS began to grow rapidly, and by 2025, the company was producing **5 lines of frets made of 10 different materials (more than 500 fret models)**. SINTOMS frets are supplied to **70 countries worldwide**.



SINTOMS founders

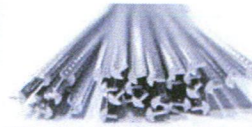
Alexander Edelstein was the main initiator and founder of the SINTOMS company. He worked in the design bureau of precision electronic engineering, where he managed the development of information systems that automated design labour. Alexander remains the permanent head of SINTOMS to this day.

Galina Lyubetskaya, the company's founder, was Alexander's most active and faithful assistant, and went through all the hardships of the company's formation and development with him.



Alexander came up with the idea of creating a frets museum. He has spent **30 years** collecting frets produced in different countries, and in **2025** he decided to open a museum dedicated to frets.





Features that make SINTOMS frets stand out

As already mentioned, by 2025, SINTOMS has produced **5 lines of frets (more than 500 fret models) made of 10 different materials**. These frets meet the needs of musical instrument manufacturers worldwide.

What are the SINTOMS fret lines ?

The first is the **Main line**, which meets the fundamental requirements of all musical instrument manufacturers and repairers.



The second line is the **Elite Nickel silver frets**. The frets in this line have special qualities, including being 10% harder than Nickel silver frets in the Main line. This line also includes frets with 25% nickel content - the highest grade of hardness (adamant hard).

The third line is the **Zero frets**, which is designed for musical instruments that use a zero fret in their construction. This line includes zero frets without a tang, which can be installed instantly.

The fourth line is **Frets in measured rolls** (called '**Baby Rolls**'). These are small rolls of fret for luthiers who are used to working with rolls.

The fifth line is **Microtonal frets** without a tang for use in microtonal guitars.



The main **materials** used by SINTOMS for the production of frets are:

- 1) Nickel silver with nickel content of 8, 12, 18 and 25%
- 2) Stainless steel
- 3) Ringing stainless steel
- 4) Hardened ringing stainless steel
- 5) Non-allergenic alloy
- 6) Special brass
- 7) Special bronze
- 8) Special titanium



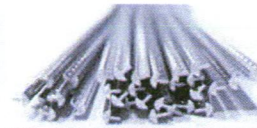
SINTOMS frets: a work of art

From the first days of its foundation, SINTOMS company has made every effort to ensure that it produces frets that are not only a useful part of a musical instrument, but also a product (a work of art) that will impress craftsmen and musicians with its unique features.



Here are the **main features** of SINTOMS frets as works of art:

- 1) Professional frets (incorporated the preferences of around 100 top luthiers from all over the world).
- 2) The frets sustain, support and improve the sound of a musical instrument.
- 3) Frets are made using non-traditional materials.



- 4) A huge, ever-increasing frets range that meets the maximum number of needs of luthiers and musicians.
- 5) Accurate frets characteristics (errors for basic parameters: width, crown height not more than 0.02 mm) and a beautiful appearance.



The structure of SINTOMS frets museum exposition

The exposition includes the following sections:

- 1) SINTOMS frets and SINTOMS fretting tools (Europe, Belarus region);
- 2) American frets (America region);
- 3) German and Dutch frets (Europe region);
- 4) Frets previously produced in Russia (Europe - Asia region);
- 5) Japanese, Korean, Chinese frets (Asia region).



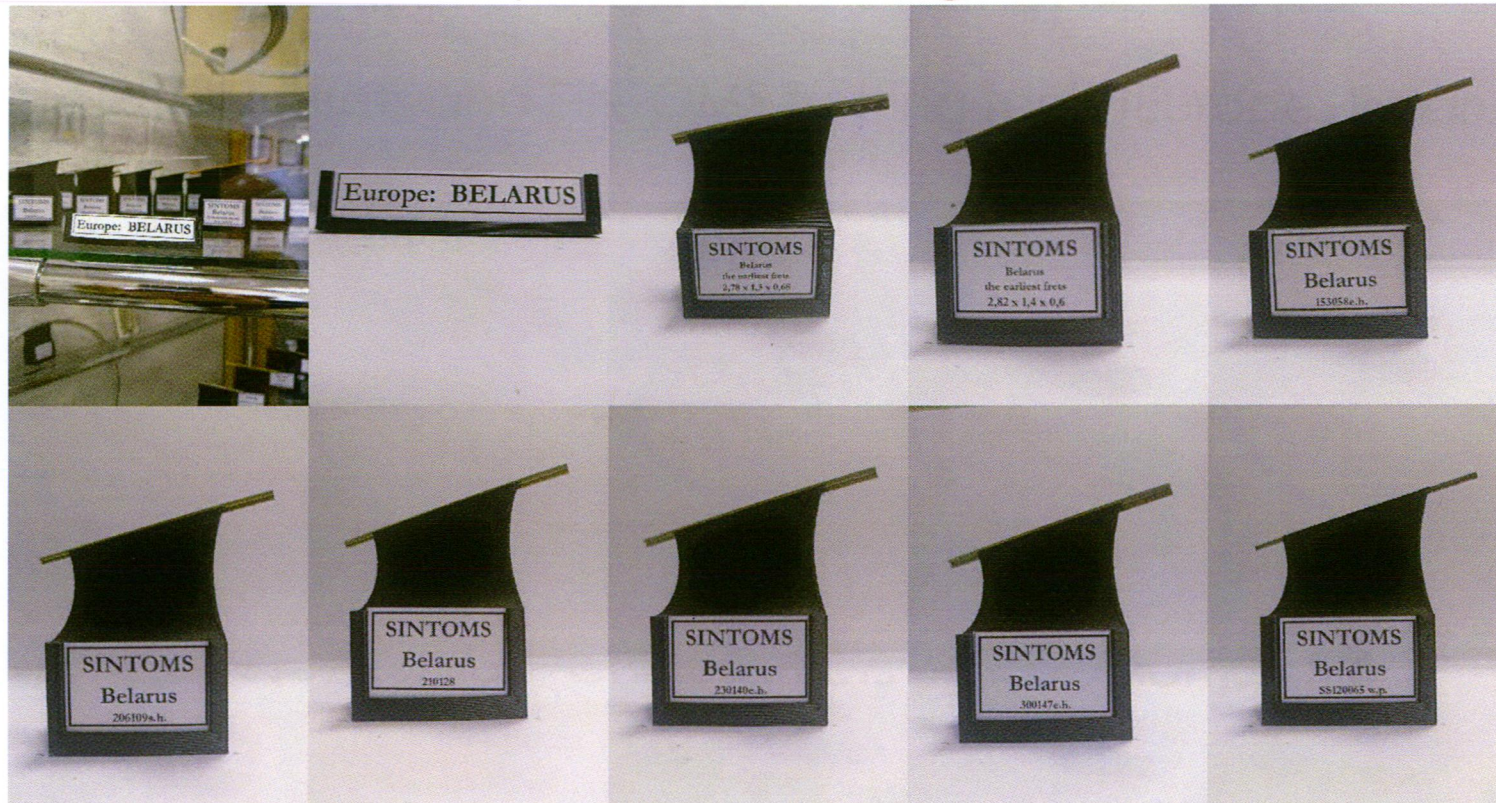
Each fret sample is placed on a pedestal and labelled with the manufacturer's name and the fret's characteristics.





Museum's collection of fret samples

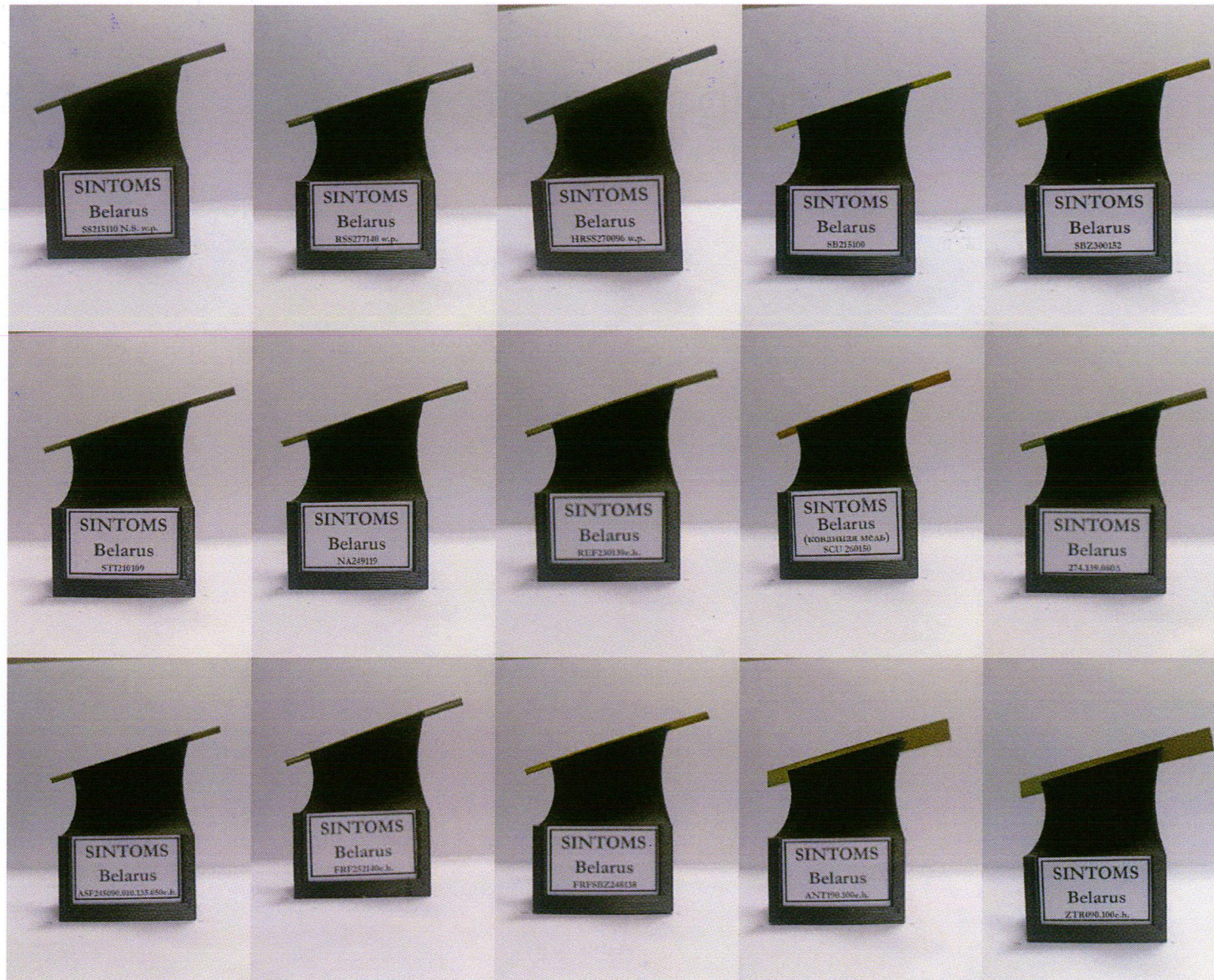
Europe, Belarus region



Collection of fret samples



SINTOMS
Fretwire

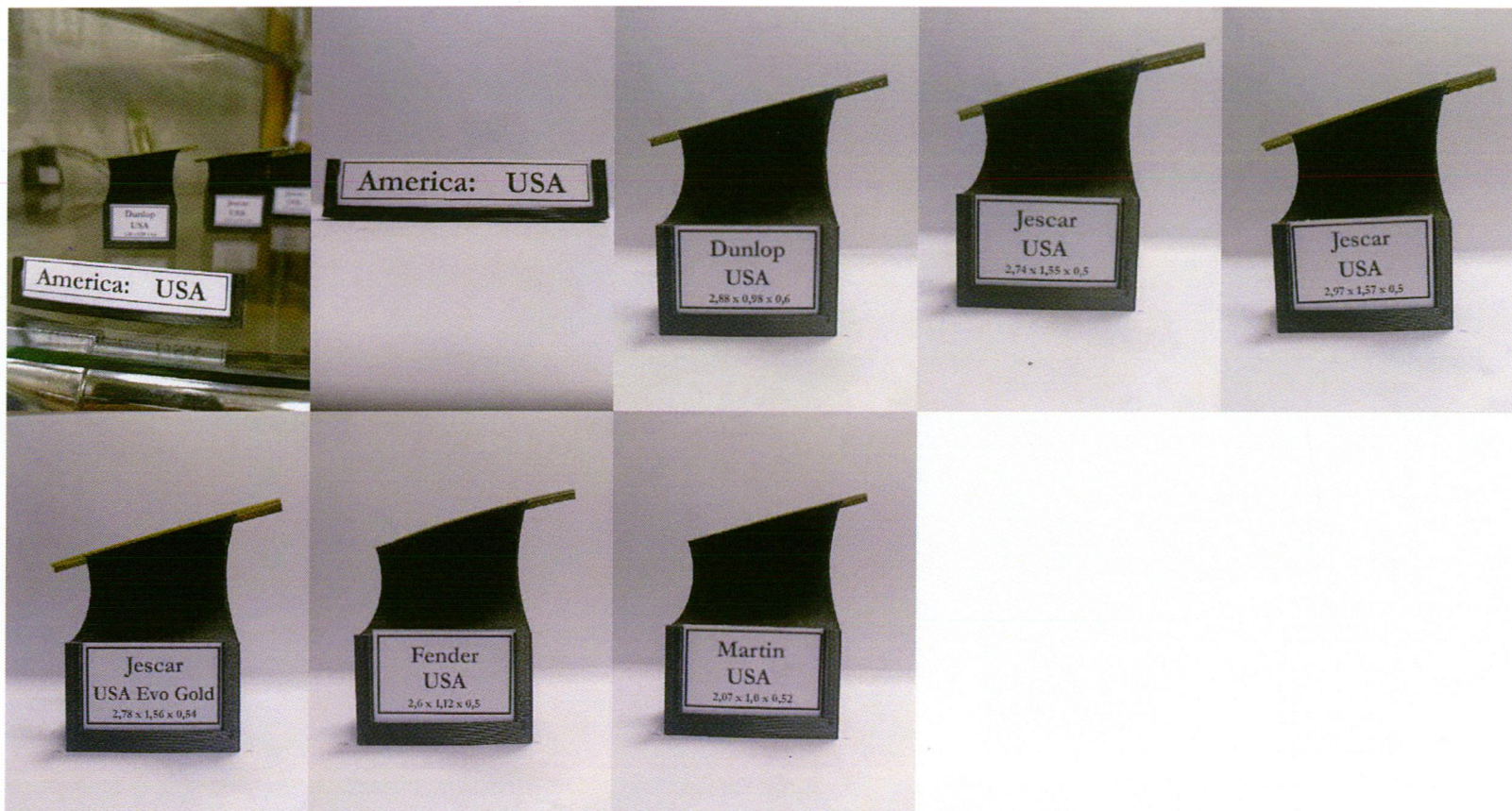


Collection of fret samples

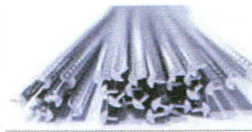




America region



Collection of fret samples



SINTOMS
Fretwire

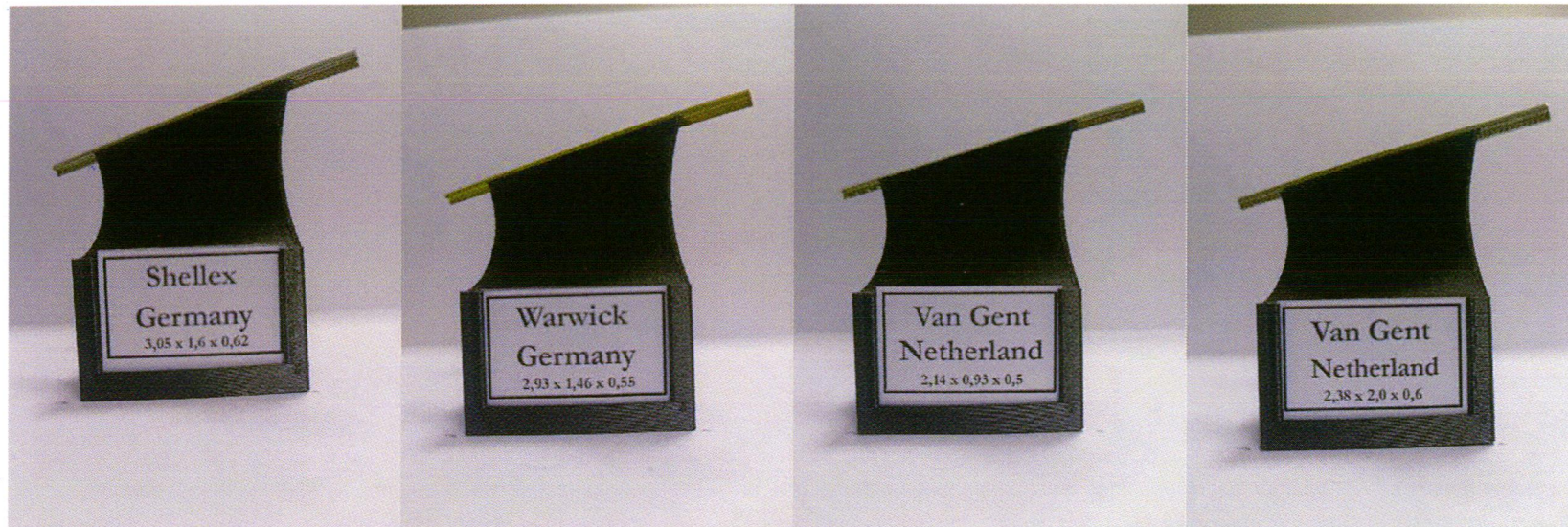
Europe region



Collection of fret samples

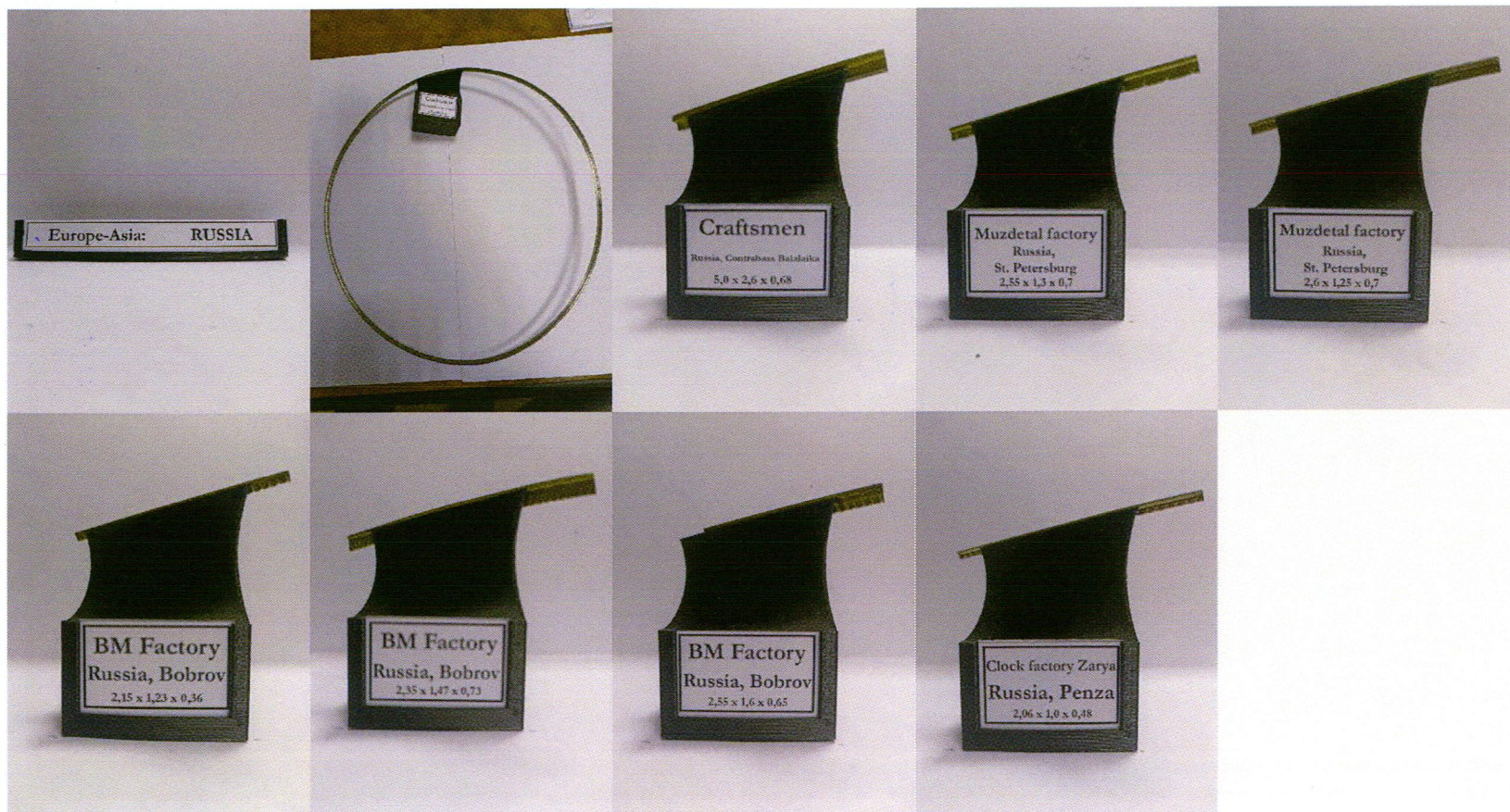


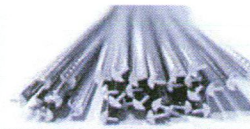
SINTOMS
Fretwire





Russia region





Asia region



Additional collection

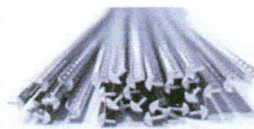


SINTOMS
Fretwire

Additional collection of frets and fretting tools

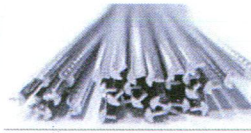


Additional collection



SINTOMS
Fretwire





Conclusion

The SINTOMS frets museum includes a unique collection of fret samples from manufacturers from all over the world.

This collection is of great educational value and contributes to the development of fret production in the world.