



*We are manufacturers*

**PROFILED stainless steel WIRE**  
**AISI 321 304 316L + low carbon +**  
**copper**

*quality profile for your production*

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## E-USS | PROFILING WIRE

Our company has special technological equipment for profiling wire into different shapes. We have the knowledge and experience in the profiling of AISI 321 stainless steel wire, as well as AISI 304 and 316L

Production is open around the clock. The production capacity allows you to meet own needs, and also carry out deliveries for colleagues and other customers

We have wide range of profiles and grades to meet the most demanding requirements and uses in the petrochemical, chemical, mining and food industries

Filtration: drilling oil, water, geothermal facilities; filtration in petrochemicals, paper pulp, food industries, polymers production

Architecture: we produce profiles of varied shapes to offer innovative solutions for many architectural applications, such as gratings, street furniture, guard rails, facades, etc

Other applications: automobile, household products, aeronautics, industry

E-USS also offers a wide choice of drawn wires for use in filtration, with a wide range of diameters, mechanical properties and grades  
packaging, weight and packaging





## E-USS | QUALITY AND EXPERIENCE

We understand what is important in the supply of profiled wire

The correct chemical composition, mechanical and additional properties of the wire are important here. The accuracy of the profiling according to the customer's drawings is important, tight packing without flips, as well as the suitable weight of the coil for your production and good delivery speed

We buy wire that passes exceptionally precise technical control, and only then goes to production for profiling. For each wire type AISI 321 304 316L, there are ranges of chemical elements, mechanical and additional properties. We have experience and additional knowledge of which wire is the most suitable from the technological point of view for the manufacture of slot filter elements or other products

We guarantee the stability of profiled wire sizes with a tolerance of  $\pm 0.015\text{mm}$ , because we have a competent design of cold rolling mills, as well as a good understanding of the design of equipment for profiling by own experience in the production of filter elements (wellscreens)

Continuous dimensional checks by special measurement system E-USS PROFILE CONTROL. The geometry and mechanical properties are checked by taking samples

Approvals, standarts: ISO 9001 14001, EN 10088





## E-USS | PRODUCTION

Objective: to transform round wire into a profile

Shapes we have are simple or complex: triangular, square, rectangle, oval, drop shapes, flat bars with round or flat edges, half-round bars. For complex shapes, please forward a drawing to us so that we can best meet your requirements

Our cold-rolling technique produces smooth, shiny surfaces. From simple shapes to elaborate profiles, E-USS can provide you with a wide range of cross-sections to very tight tolerances if it required

We can supply the profiled wire in a package with a suitable outer and inner diameter, tightly and correctly reel, without knots, with convenient auxiliary marking of the ends. We can agree the standard mass of the coil

Production is open around the clock

## ADVANTAGES

Advantages of supplying profiled wire from E-USS:

- more Effective Cost
- we are Technologically Competent Manufacturer
- Strict technical control, Quality of material and profile
- Suitable delivery speed

