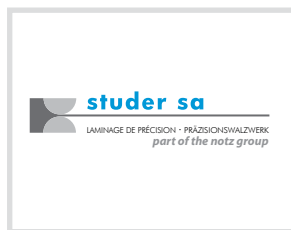


advanced solutions in metal

Your partner for your individual requirements – exploit the synergies

NOTZ group

The NOTZ group consists of a number of independent companies regrouped under the Notz Holding AG offering complementary products in the metal-processing industry. The leading position of its members in their respective markets is further strengthened by their consistent use of synergies.



Today, the NOTZ group concentrates fully on its core business of metal, precision processing and trading in rust-resistant steels, non-ferrous metals and their semi-finished products.

The NOTZ group represents a number of well established major steel producers and maintains a wide product range of around 6'500 articles, with permanent inventory of approx. 5'000 tons of steel and non-ferrous metals.

- over 100 years' experience
- qualified workforce close to 200 employees
- dedicate advice to customer
- personalized contact with all manufacturers
- customised solutions
- partner with its customer based in development of new advanced solutions in partnership
- locations in Switzerland and France

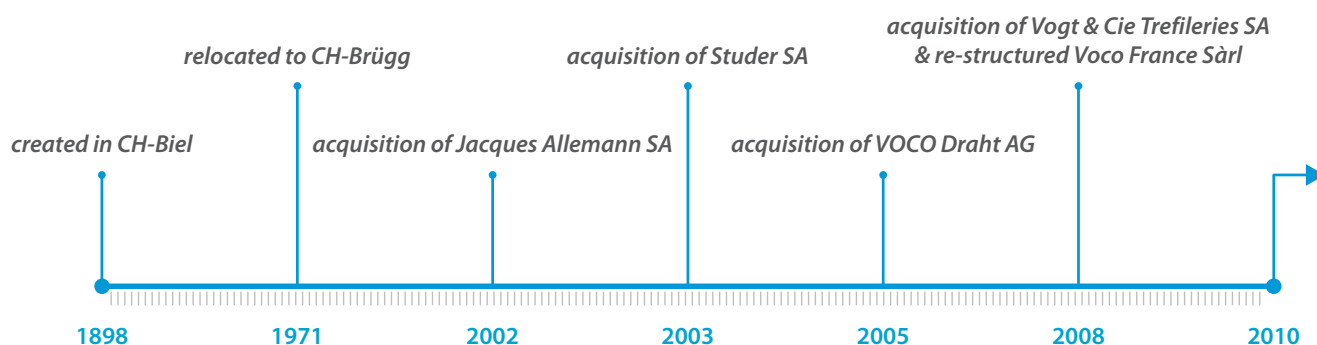
Business divisions

<p>Trading of Standard products</p>	<p>Service center/Production Individual solutions</p>	<p>Laboratory Quality/research & development</p>
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Distributors for

NOTZ group: milestones





Notz Metall AG

With over 100 years of experience with a consistent focus on customer service, Notz Metall AG is specialized in its core business: the processing and trading of high-grade steels, stainless steels, non-ferrous metals and special materials for selling semi-finished products.

Trading Standard products

- sales (warehouse and supply)
- wide, comprehensive product range
- numerous niche products
- shipment within 24-hours
- longstanding, privileged contact with all manufactures

Steel Service Center Customised solutions

- customised solutions
- production of small badges
- delivery service within 24-hours
- dedicated center
- additionally ISO TS 16949 certified

Laboratory Research & Development

- quality assurance
- development
- expert opinions
- customised solutions
- additionally ISO TS 16949 certified

The Steel Service Center (ISO TS 16949) at Notz Metall AG processes the material according to customer requirements. In addition, the group's recognised metallographic laboratory allows it to propose customers unique quality and an unparalleled service package.

- just-in-time shipment (within 24 hours)
- high level of availability (wide and comprehensive product range)
- standard products available from inventory





Business divisions

Competences

- sheet metals
- coils
- steel bars
- precision strips
- wires
- tubing and accessories
- welding wires

Applications

- precision-turned parts
- laser, water jet and plasma cutting
- stamping/forming/cold heading
- deep drawing
- welding

Materials

- rust-resistant steel
- steel for springs
- copper
- aluminium
- bronze
- brass
- carbon steel
- copper beryllium

Areas of application

- household appliances
- food industry
- medical engineering
- construction/interior design
- chemical industry
- machinery and equipment
- electronics/watch industry
- automotive industry

Agencies

**OUTO
KUMPU**

**NGK
BERYLCO**

SANDVIK

**röslau
stahldraht**

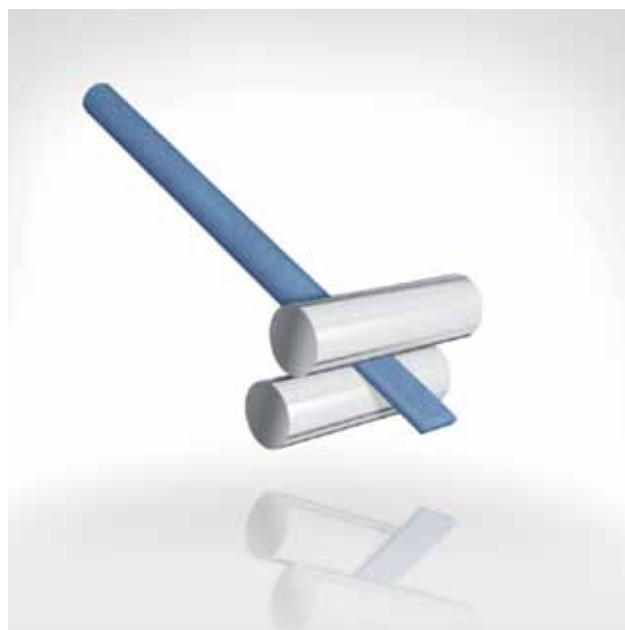
Eure Inox s.r.l.

M&S



Studer SA

In many cases, the use of flat wire is the most economic alternative to cold-rolled strip steel with the benefit of superior fatigue strength and good design dimensioning, while offering much more flexibility with regard to dimensions, cross-section, manufacturing tolerances, strength, minimum quantities and delivery according to your needs.



Studer SA guarantees perfection and exclusivity to customers' specifications in the following areas:

- strength
- surface finish
- surface cleanliness
- flatness
- tensile strength N/mm²/MPa and hardness according to Vickers
- yield point
- buckling value
- geometry (surfaces, diameters, etc.)
- resistance

- flexibility in production volumes
- small badge for sampling
- wide range of prefabricated sizes on reels
- competent support and technical advice





Business divisions

Competences

- precision flat wires with extremely close tolerances
- customised solutions
- wide range of dimensions
- high recommendations

Applications

- springs
- press cutting and forming
- contact clips
- seals
- underwires for bras
- sprung strips for wiper blades

Materials

- rust-resistant alloys
- acid-resistant alloys
- heat-resistant alloys
- non-ferrous alloys
- special alloys
- super alloys

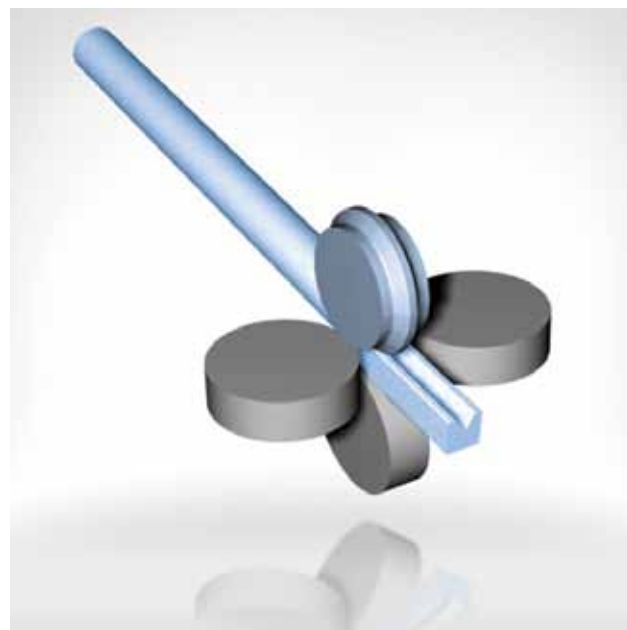
Applications

- automotive and component supply industry
- electrical and electronics industries
- producers of springs and stamped parts
- medical engineering
- sealing technology
- textile industry
- watchmaking and jewellery industries



Jacques Allemann SA

Jacques Allemann SA is specialized in the production of high-precision and surface finished fine wires, profiled in a wide range of material and qualities.



In the Brügg production facility, Jacques Allemann SA benefits from synergies within the NOTZ group. In process of the material selection, it can offer customers even more technical support using the company's facilities and its own laboratory.

- maximum accuracy and quality
- support from the materials laboratory
- competent support and technical advice





Business divisions

Competences

- manufacture of fine wires
- manufacture of precision wires
- manufacture of profiles with extremely close tolerances
- manufacture of precision axles and wires
- wide range of production volumes starting from less than 1 kg
- very short delivery times

Applications

- dental drills
- bone screws
- eye-pressure measurements
- watch hands
- dial labelling
- casing components and mechanics
- electronic conductors (light-bulb filaments, quartzes)
- condensers
- micromotor spindles
- grinding/polishing wires

Materials

- rust-resistant alloys
- acid-resistant alloys
- heat-resistant alloys
- non-ferrous alloys
- special alloys
- super alloys

Areas of application

- precision-turned parts
- watchmaking industry
- automotive industry
- spring manufacture
- electronics
- telecommunications
- aerospace
- aeronautics
- measuring equipment
- dental technology
- medical engineering
- textile industry



VOCO

VOCO is specialized in the production of flat-rolled galvanized and copperplated wires used for making metal mesh used in the manufacturing metal scourers.

VOCO masters its complete production process from wire drawing to knitting the mesh and assembles its own knitting machines.

The special flat-rolled wire and the knitting machines are both the result of longstanding experience and quality accepted worldwide.

The reputation of VOCO's metal mesh is based on its shine and high corrosion resistance. The knitting machines are robust and easy to operate. Hundreds of machines are in use all over the world. The company also has a highly efficient copperplating unit, which guarantees conformity with the highest demands of the electronics and aircraft business.

Competences

- production of flat wire from round wire Ø 0.22 mm
- copperplating
- knitting of this wire

Applications

- pot scrubbing
- metal filters
- scouring metallic pads

Materials

- low carbon-content steel

Areas of application

- household products
- handcrafting
- building industry
- carpentry
- printing industry
- electronics
- aviation

VOCO is characterised by the quality of its glossy and highly resistant wire, by worldwide deliveries meeting the shortest deadlines and by its flexibility when it comes to delivery quantities, all complying with strictest standards.

- **high resistance to corrosion**
- **client follow-up and competent technical advice**



Research and development

Our laboratory with its modern equipment and competent staff can offer you fast, uncomplicated and cost-effective support for metal-related problems.

Metallurgical investigations

- assessment of joints
- welding seam investigations
- quantitative metallography
- grain-size determination
- determination of inclusions

Neutral expert opinions

- corrosion damage
- causes of breakage
- tension tests according to DIN EN 10002-1
- hardness tests
- surface finish measurements

Chemical investigations

- testing for intercrystalline corrosion to EN ISO 3651-2
- full, spectrometrical analysis determination of materials
- carbon and sulphur determination
- precipitation tests
- corrosion testing to customers' specifications

All companies in the NOTZ group benefit from the results of research and development by the group's own laboratory.

This allows you to define and use the material you require even more specifically.

When are you going to put us to the test?

- quality assurance
- research & development

