

Profiles





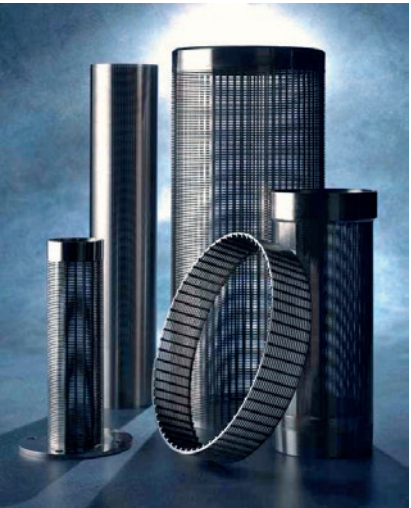
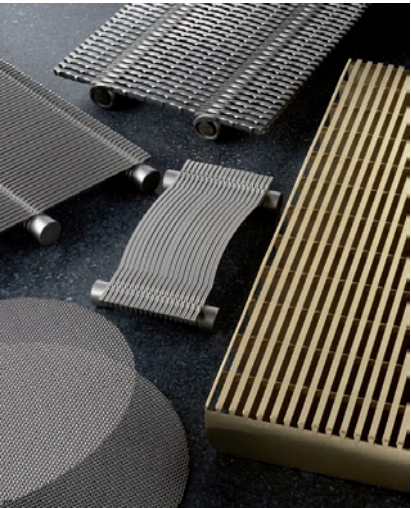
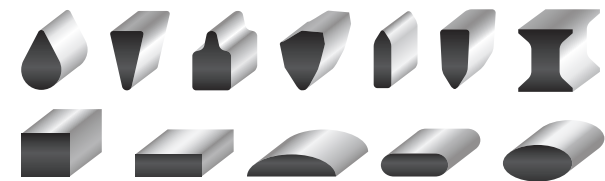
Ugitech Profiles

Ugitech is a leader in the manufacture of stainless steels and alloys in long products. We offer a wide range of profiles and grades to meet the most severe demands and uses (petroleum industries, pulp and paper, petrochemicals, mining industries, technical and safety parts, food processing, architecture, aeronautics, medical, energy production, water treatment, etc.).

The shapes

Our tools allow us to manufacture a range of profiles in stainless steel, alloys, titanium and other non-ferrous metals with a cross-section between 2 and 70 mm².

For complex shapes, do not hesitate to send us drawing so that we can best meet your needs and expectations.



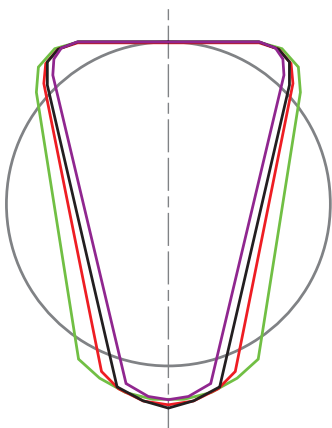
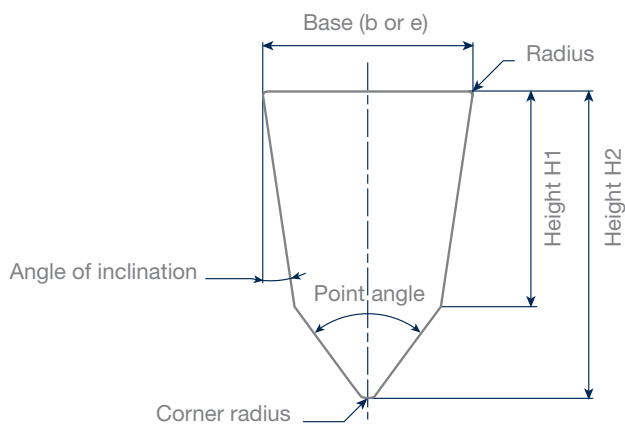
Our manufacturing process

Objective: transform a round wire into a profile

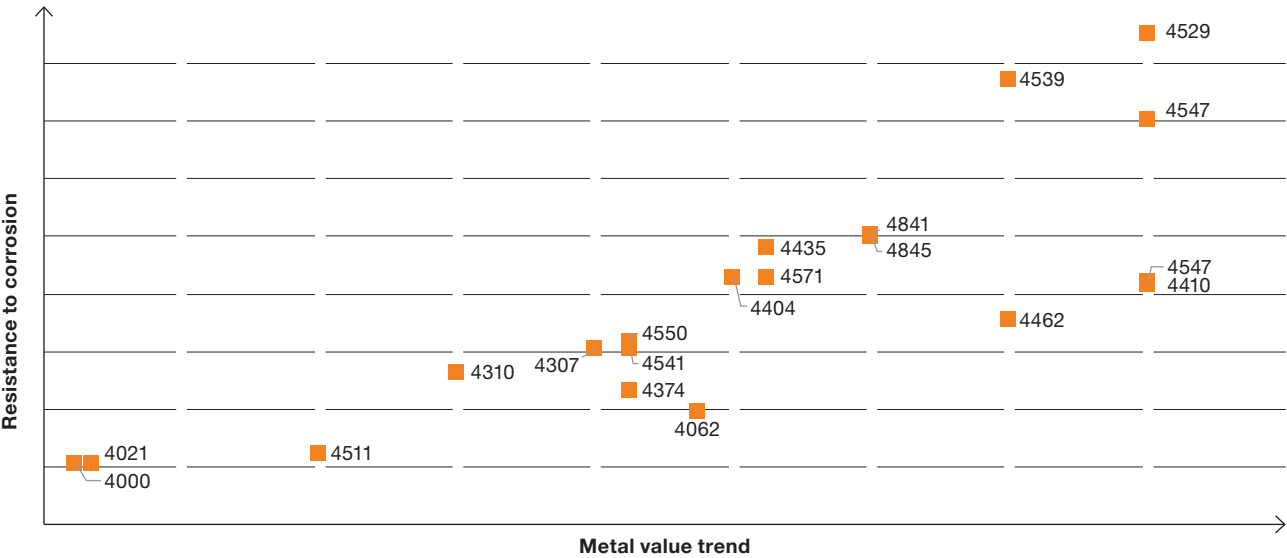
From profile design to transformation

Our cold rolling process produces smooth, shiny surfaces, from simple to elaborate shapes.

Ugitech also offers a wide range of drawn wires for the filtration business, with a wide range of diameters, mechanical characteristics and grades.



stimation of the corrosion resistance according to the grade (salt spray data / alloy value)



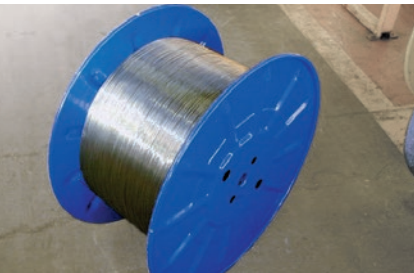
Our services

Ugitech offers you a service adapted to your needs

- Help in grade choice.
- Support for the development of new profiles / new grade
- Large stock of wire rod in different grades.
- Security stock on your strategic products.
- Average production time of 2 to 3 weeks.
- Worldwide sales network.
- Customer technical support.

Our packaging

Spools 250 kg to 1 t



Rims



Crowns



Bars in wooden boxes from 1 to 6 m



Technique

Experience and knowledge

Ugitech is a century-old expert in stainless steel deformation, offering more than 1,600 manufacturing ranges.

Rectification

Integrated workshop allowing reactivity and flexibility on the manufacture of the Tooling.

Tolerance according to customer requirements

Controls and quality of the profiles

In progress

- Continuous dimensional controls by laser measurement (rays, projections...)
- SPC Surveys
- Additional mechanical data records (A%, hardness HRb, HRc...)
- Side profile projections
- Continuous surface condition by camera

On finished profiles

- Checks of geometry and mechanical characteristics by taking samples (Rm, Rp02).

Certifications and standards

- Standards: EN 10088
- Certifications: ISO 9001, ISO 14001

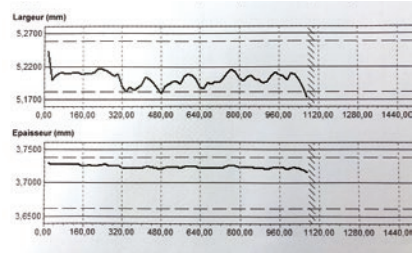
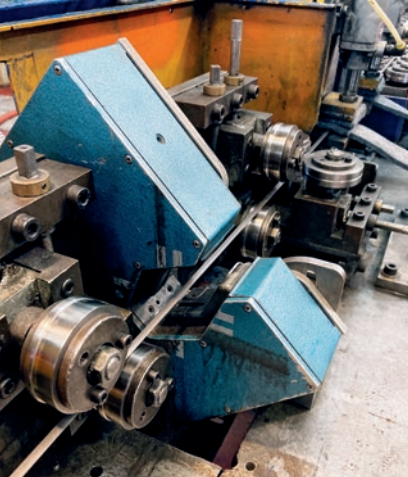
Continuous optical measurements



Continuous geometric measurements



Continuous dimensional measurements



Our profiles fields of application

Filtration

Drilling

Oil, water, geothermal energy.

Filtration

Petrochemicals, pulp and paper, food processing.

We have a unique and recognized know-how for our tight dimensional tolerances and mechanical characteristics.

Coal and mining

Screening, sieving.

High resistance to abrasion and corrosion as well as very good weldability.

We offer a recognized range of robust products with the possibility of non-magnetic shades.

The architecture

We produce profiles with various geometries (triangle, flat, lightened, etc.), in order to offer you innovative and adapted solutions in many architectural applications: gratings, urban furniture, railings, facades, etc. Ugitech is the spirit of innovation at the service of your projects.

Other technical applications

Household, cutlery, automotive, industry, spring, aeronautics, watchmaking, medical, nuclear...





Swiss Steel Group

Production sites: Ugitech SA

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Applications specifically suggested for material described herein are made for the purpose of illustration only to enable the reader to make its own evaluation and are not intended as warranties, either express or implied, of fitness for any purposes.