

# Ugitech

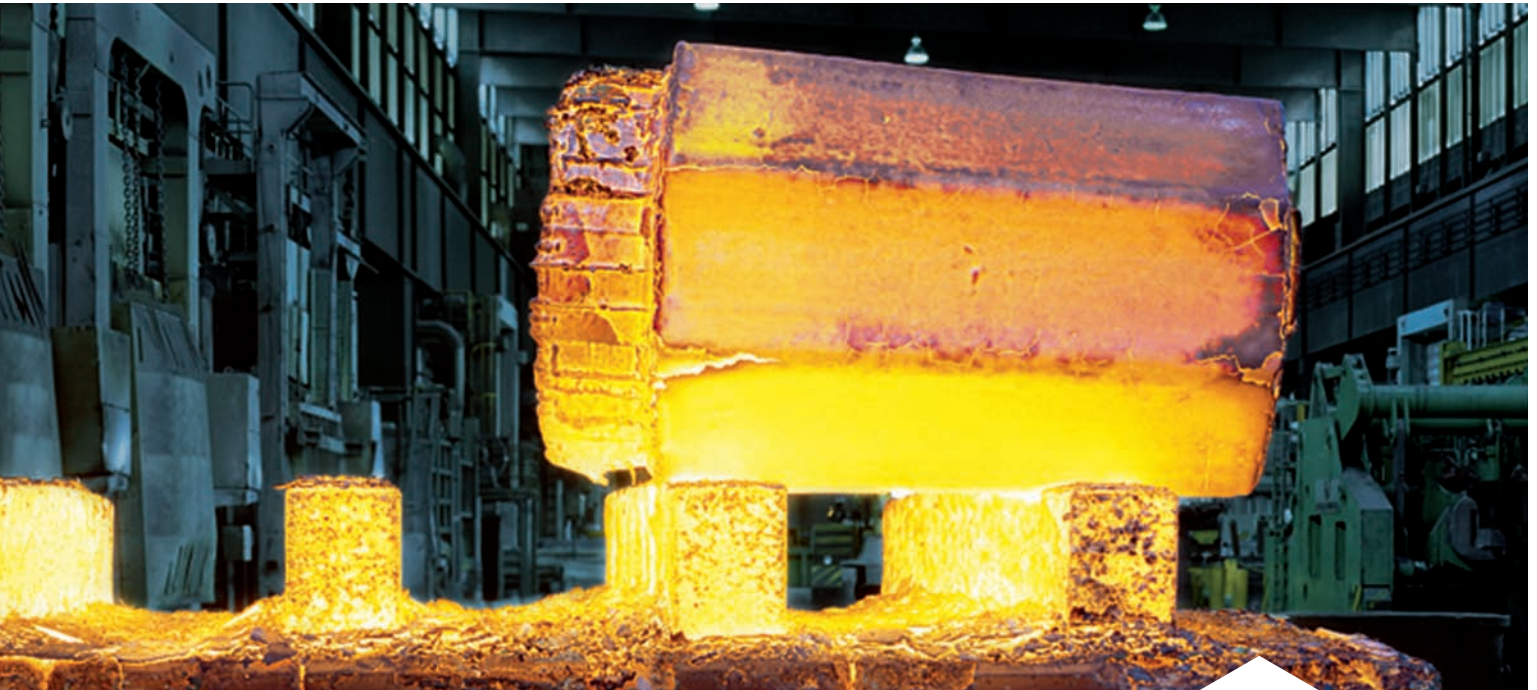
## Profiles



**UGITECH**

Providing special steel solutions





It all begins with steel: the steel that you as our customer need to be successful in your market. Steel in a certain quality.

You need a reliable supply, in very small or very large quantities, with precise, consistent reproducible quality, and you need it quickly. Mostly just-in-time. Delivery delays or failures are not an option.

*Steel featuring the widest array of properties: highly ductile and yet ultra-strong for the plastics industry. Exceedingly corrosion-resistant for offshore plants. Or able to withstand extreme dynamic stresses for engine components.*

**Welcome to SCHMOLZ + BICKENBACH.  
We offer the solution. All the time.**

An ambitious claim. We live up to it because we are more than “just” a company that produces steel. At the heart of Europe, we produce what our customers need for success in hard-fought markets: integrated solutions in high-quality steel. A corporate concept that is unique in the industry based on the three pillars of production, processing, and distribution+services, enables us to operate along the entire value creation chain and in any processing depth required, as a solution provider, a technology driver – and, above all, a reliable and quality-conscious global partner for our customers.

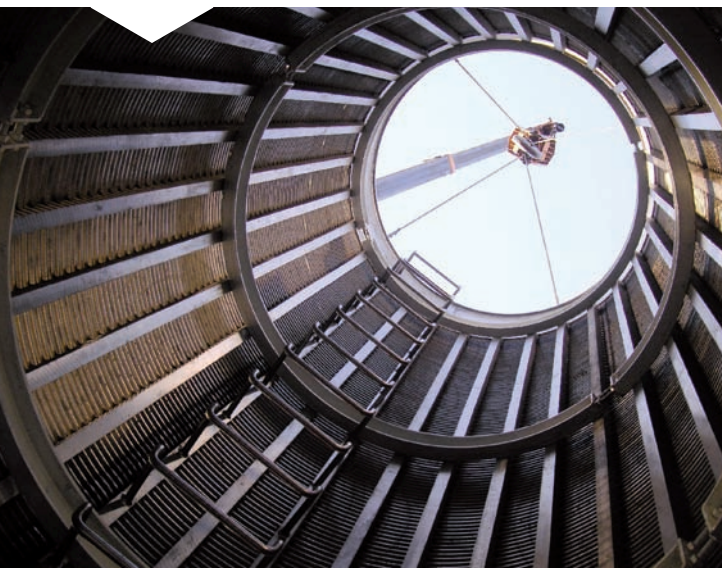
Nevertheless, size, performance capability and a global presence are not ends in themselves. Like everything we do, these serve constantly to expand and strengthen our position as a provider of solutions in steel, expertise and services from a single source. Wherever you are. Whatever you need – we are the solution. This is our mission and how we see ourselves.



## SCHMOLZ + BICKENBACH GROUP

PRODUCTION	PROCESSING	WORLD WIDE DISTRIBUTION + SERVICES		
Deutsche Edelstahlwerke GmbH Germany	SCHMOLZ + BICKENBACH Blankstahl GmbH Germany	SCHMOLZ + BICKENBACH Distributions GmbH	Günther + Schramm GmbH Germany	SCHMOLZ + BICKENBACH International GmbH
Ugitech S.A. France	Steeltec AG Switzerland	SCHMOLZ + BICKENBACH Distributions GmbH Germany	Dr. Wilhelm Mertens GmbH Germany	SCHMOLZ + BICKENBACH Australia Pty. Ltd. Australia
Swiss Steel AG Switzerland	Boxholm Stål AB Sweden	SCHMOLZ + BICKENBACH Europe GmbH	SCHMOLZ + BICKENBACH Acciai Speciali S.r.l. Italy	SCHMOLZ + BICKENBACH do Brasil Ltda. Brazil
A. Finkl & Sons Co. USA	SCHMOLZ + BICKENBACH A/S Denmark	SCHMOLZ + BICKENBACH Austria GmbH Austria	SCHMOLZ + BICKENBACH Baltic SIA Latvia	SCHMOLZ + BICKENBACH Canada Inc. Canada
Sorel Forge Co. Canada	SCHMOLZ + BICKENBACH Çelik A.S. Turkey	SCHMOLZ + BICKENBACH Belgium Belgium	SCHMOLZ + BICKENBACH Baltic UAB Lithuania	SCHMOLZ + BICKENBACH Middle East FZCO Dubai (UAE)
	Ugitech Italia srl. Italy	SCHMOLZ + BICKENBACH s.r.o. Czech Republic	SCHMOLZ + BICKENBACH B.V. Netherlands	SCHMOLZ + BICKENBACH Hong Kong Co. Ltd. Hong Kong
	Sprint Metal Edelstahlziehereien GmbH Germany	SCHMOLZ + BICKENBACH Baltic OÜ Estonia	SCHMOLZ + BICKENBACH Polska Sp. z o.o. Poland	SCHMOLZ + BICKENBACH (Hong Kong) Trading Ltd. Hong Kong
		SCHMOLZ + BICKENBACH Oy Finland	SCHMOLZ + BICKENBACH Portugal S.A. Portugal	SCHMOLZ + BICKENBACH INDIA Pvt. Ltd. India
		SCHMOLZ + BICKENBACH France S.A.S. France	SCHMOLZ + BICKENBACH Romania Srl Romania	SCHMOLZ + BICKENBACH Malaysia Sdn. Bhd. Malaysia
		SCHMOLZ + BICKENBACH UK Ltd. Great Britain	SCHMOLZ + BICKENBACH Russia OOO Russia	SCHMOLZ + BICKENBACH Mexico S.A. de C.V. Mexico
		SCHMOLZ + BICKENBACH Magyarország Kft. Hungary	SCHMOLZ + BICKENBACH Slovakia s.r.o. Slovakia	SCHMOLZ + BICKENBACH Singapore Pte. Ltd. Singapore
		SCHMOLZ + BICKENBACH Inox srl. Italy	SCHMOLZ + BICKENBACH Ibérica S.A. Spain	SCHMOLZ + BICKENBACH South Africa (Pty.) Ltd. South Africa
				SCHMOLZ + BICKENBACH USA Inc. USA





## Ugitech Profiles

Ugitech, a leading manufacturer of stainless steel and alloy long products, offers a wide range of profiles and grades to meet the most demanding requirements and uses (in the petrochemical, chemical, mining and food industries).

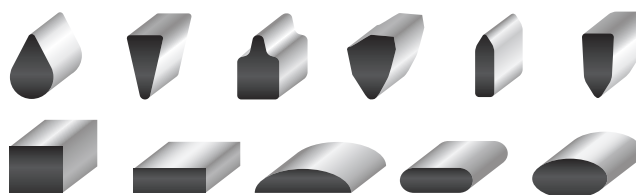
### Shapes

Simple or complex:

Triangular, square, 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.

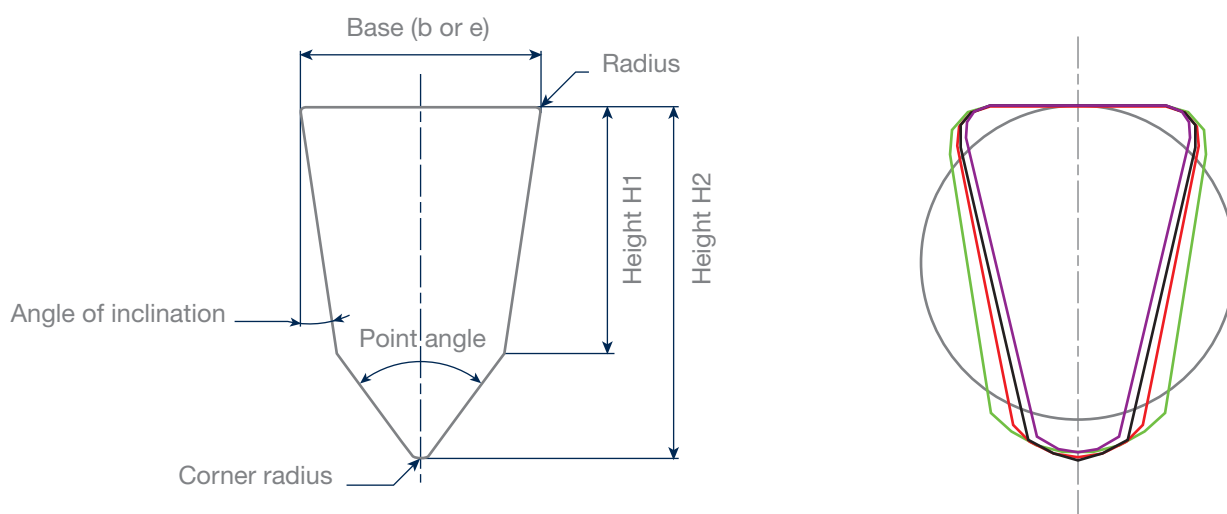
Our manufacturing possibilities:  
2 to 70 mm<sup>2</sup> cross section.



# Our manufacturing process

Objective: to transform round wire into a profile

From the design of a profile to transformation



## Ugishape Range

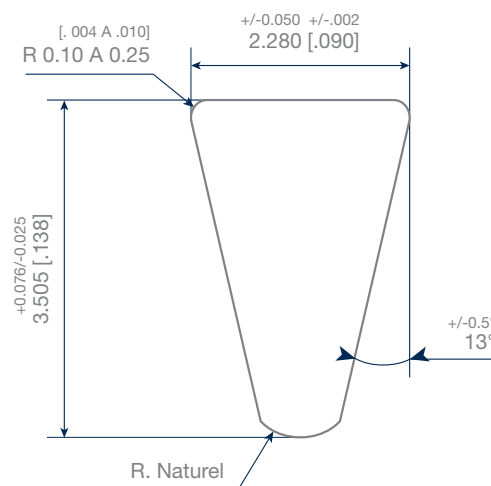
Our isoscele triangles mainly dedicated to Oil and Gas filtration

### Main Products:

0.090x0.075 – 0.090x0.105 – 0.090x0.140  
in 316L and Incoloy 825

4 Weeks ex-mill delivery time, with  
dimensional Test Report (MTR)

Our cold-rolling technique produces  
smooth, shiny surfaces.  
From simple shapes to elaborate  
profiles, Ugitech can provide you  
with a wide range of cross-sections  
to very tight tolerances (if required, in  
accordance with your drawings).



STANDARD DEVIATION WITHIN A REEL  
<=0.005MM [ $<=0.00020''$ ]

TENSILE STRENGTH 865/1200MPA (Hardness 24/36HRC)





## Checking and quality of profiles

### Checks during manufacturing

Continuous dimensional checks by laser measurement.

### Checking of finished profiles

The geometry and mechanical properties (UTS, 0.2 % proof stress, etc.) are checked by taking samples.



### On request

- » Statistical Process Control Data
- » Lists of additional mechanical data (A %, hardness HRb, HRC)
- » Dimensioned projections of profile

### Approvals and standards

Standards: EN 10088

Approvals: ISO 9001

ISO 14001

## Applications of our profiles

### Our major strong point

Surface quality: shiny and grease-free.

### Filtration

- » Drilling: Oil, water, geothermal facilities
- » Filtration: Petrochemicals, paper pulp, food industries  
We are well known for our experience in producing material with excellent mechanical properties and tight dimensional tolerances.
- » Coal and mining: sieving – screening  
High resistance to abrasion and corrosion and well-suited to welding. We offer a recognized range of robust products, and also offer a-magnetic grades.

### Architecture

We produce profiles of varied shapes (triangular sections, flat bars, thin sections, etc.), to offer innovative solutions for many architectural applications, such as gratings, street furniture, guard rails, facades, etc. Ugitech is the spirit of innovation in your projects.

### Other applications

Automobile, household products, aeronautics, industry.

Ugitech also offers a wide choice of drawn wires for use in filtration, with a wide range of diameters, mechanical properties and grades.

## Packaging

- » 250 to 1,000 kg reels
- » 300 kg coils
- » Bars in wooden boxes (from 1 to 6 meters)



**Ugitech SA**

**France**

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Non contractual document

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