

manufacturers  
of speciality wires



## About us

Wintwire enjoys a heritage of over 160 years continuous wire production from it's site in Oxspring near Sheffield. Manufacturing wire to each individual customers own requirements has and always will be our key objective. As a result we have vast knowledge and capability to produce wire in many different forms from mild, carbon alloy, and stainless steel, through to non-ferrous metals. Wintwire manufacture speciality wire in round and profile to diverse markets throughout the world putting quality and service as our top priorities.

“  
Our mission is to be our customer's first choice for bespoke wires  
”



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## Quality and Presentation

We are industry leaders in manufacturing to precision tolerances.

### Our In-House Capabilities

Round Wire - from 0.25 to 12.00 mm dia.

Profile Wire 0.25 – up to 45 mm<sup>2</sup>

### Condition

Annealed (soft)

1/4 Hard

1/8 Hard

1/2 Hard

Spring Hard

Or to a specific tensile range

### Our Standards

Quality is at the forefront of everything that Wintwire manufacture. All products can be supplied with chemical and mechanical test results on request, and are fully traceable to quality approved raw material suppliers. Presentation and preservation are important on wire travelling around the world, and great attention to detail is given to customer specific packaging requirements.

### Packaging

Cut Lengths

Coils

Formers

Spools 10 mm – 4000 mm

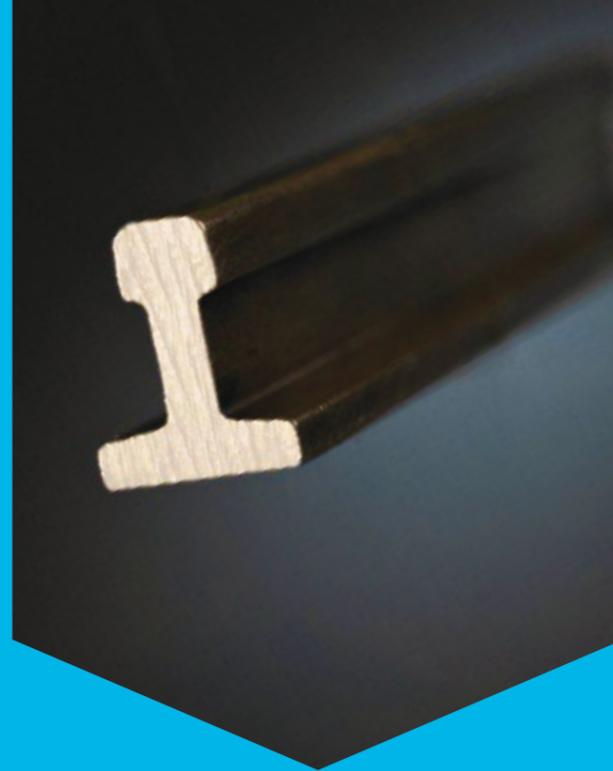
1 kg – 1000 kg coils

500 - 1000 kgs

Vast range available



Here at Wintwire our in house manufacturing capabilities for round wire are 0.30 mm to 12.00 mm in a variety of packaging's .We manufacture a range of materials including mild steel/ carbon steels, alloy steels, stainless steels, non-ferrous metals- brass and copper to name a few.



### Rolled Profile Wire

A vast range of profiles from simple commercial shapes to complex customer specific requirements, are manufactured on rolling and drawing machinery designed specifically for the purpose, and supplied in coils on spools or cut lengths.



### Drawn Profile Wire

Profiles are produced from carbon alloy and stainless steels, copper alloys and most other malleable metals. Varying in size and shape profiles can reduce the costs of machining operations, saving on time and waste material. Wintwire has all the in-house capabilities to take a profile from design through to manufacture.

- Nickel Chromes
- Resistance Wires
- Nickel Silver Alloys

Nickel Alloys

- Grade 1
- Grade 2
- Grade 5

Titanium

Stainless Steels

- 300 Series
- 400 Series

- Aluminium
- Precious Metals
- Exotic Alloys

Others

Non Ferrous

- Brass Alloys
- Copper Alloys
- Nickel Silver

Carbon

- Mild Steels
- Carbon Steels
- Carbon Alloys

## Other Capabilities

- Sheathed and Insulated Wires - Wintwire can offer its wires with a coating. Sheathing and insulation is available on wires from 0.60 mm through to 12.00 mm. We offer the coatings in various materials including PVC, PETE, PTFE and LDPE. The coating can have specific text or logos printed on it as well as metre marking.
- Copper Coated Wires - Wintwire has the in-house capabilities to copper coat all of its wires including round and profile wires. These are used in many applications from Thermal Spray Wires to Welding Wires.
- Galvanised Wires - Wintwire supplies galvanised wires from 0.18 mm through to 12.00 mm. These wires can be supplied in spools, coils or cut lengths. The galvanised coatings are available on mild steel through to high carbon spring wires.

## Cold Heading



## Textile Industry



## Springs



## Wire Forming



## Thermal Spray



## Free Machining



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