



## CUSTOM WIRE DRAWING MANUFACTURER

- Rapid response time
- Ability to process small and large volume orders
- Clear identification of products
- Technical advice by qualified metallurgist / welding engineers
- Stringent quality control procedures

 **Selectarc**<sup>®</sup>

Specialized in Wire Drawing, Straightening,  
Spooling, Shaping, Scouring,  
and Customized Identification...  
all types of wires.



## FSH Welding Group, the leader of Custom Fabrication!

**Customers of the FSH Welding Group** fully benefit from its comprehensive know-how. FP Soudage, group member founded in 1974, is recognized in the market *as the leader of Custom Wire Drawing*. Its technical expertise and specific quality allows FP Soudage to cater to diverse niche markets, especially the most demanding!

Wire drawing, straightening, spooling, shaping, scouring, and customized identification...all type of wires, this is our specialty.



## Custom wire drawing

**The high quality of our finishes and the unique ability to draw wires of various grades provides entry to various specific markets demanding extreme quality alloys. Market sectors are Energy, Aerospace and Aeronautical, Tooling and Nuclear in particular.**

FP Soudage drawing process, diamond or carbide die, can not only meet and exceed customer specifications, but also guarantee surface finishes and provides specific tensile strengths. Precise and actual tolerances on diameters including English and metric dimensions.

**Wire Drawing:** from Ø 9mm to Ø 0,2mm for aluminum alloys, and from Ø 4.0mm to 0.2mm for carbon steels, stainless steels, nickel, copper, aluminum, cobalt alloys...

**Alloys:** • stainless steels • special stainless steels of major steel manufacturers, such as Aubert & Duval • aluminum alloys • copper alloys • cobalt alloys • other metals



**Wires can be: straightened, cut or spooled.**

### 1) Straightening

and cutting of all kind of alloys on specific lengths, in:

- aluminum • copper • cobalt • titanium • and other metals.

### 2) Spooling

To meet the requirements of our customers, FP Soudage spools all types of metal wires in various diameters in English and Metric measurements, spool types and weights:

**Plastic or metal spools:** D300, D200, D100, special spools K400, K500, SD400...

**Weight from 0,500Kg to 40 Kg** according to grade of alloy.



## Pickling

The purity of the alloys is a prerequisite in specific industrial setting, such as nuclear. In order to accomplish this FP Soudage must utilize two pickling methods to guarantee a product to be "super clean" and 100% oxide free.

These methods are: • Chemical Stripping • Mechanical Stripping

## Custom Manufacturing Identifications

Reduce the risk of product mixing during production, quick identification of alloys and / or diameters, customize labeling or packaging... FP Soudage allows you to distinguish your products to suit your own preferences. Choose from the options offered, the ones best meet your expectations!

**Stamping, Painting, Flagging.**



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