GINDRE DUCHAVANY
The world-wide specialist conductor manufacturer for electrical equipment.
From the copper bar to the most sophisticated component,
a global solution to your copper element projects

Total mastery of the industrial process.
Technical excellence, skill, reliability and flexibility are the four points of commitment running throughout a process that brings together raw material, metallurgy, industrial components and distribution. The Gindre network complies with the UL and ISO standards, and the RoHS and Reach regulations.

Long runs or short runs… An organization capable of global and local solutions.
For more effectiveness, the French Group has globalized its production and services and centralized all the administrative and accounting procedures. The aim is to help customers concentrate on their competitiveness with reduced costs and rationalized supplies

Throughout the world… A commercial involvement to accompany projects.
For best possible response to the constant development requirements of organisations, teams of travelling and office–based sales people are dedicated to each area of the world. They monitor projects from the design phase right up to delivery, providing an effective link between the demands of industry and the talents of the engineers and technicians. With their great experience and skills as professionals working with copper, they all work together to guarantee the quality of products and services

FLAT COPPER BARS, BUSBARS
Chemical and mechanical characteristics of our copper bars and busbars in accordance with the European standards (see copper):

Copper busbars sizes:
- Width of bar: from 5 mm to 250 mm, Thickness from 1 mm to 70 mm, Cross section up to 7500 mm²,
- Length of bar: up to 9500 mm (depending the cross section), with a standard length tolerance of 100 mm.

Upon demand this length tolerance could be 3 mm. Standard tolerances for straightness and edgewise bow: 1.5 mm/m.

**TECHNICAL COPPER PROFILES MADE TO SPECIFICATION**

Cross Sections from 50 mm² up to 7500 mm²

Length up to 9500 mm (depending the cross section).

Every profile is designed according to the plan provided.

All characteristics: mechanical, dimensional, surface quality, contact surface, surface treatment, etc... are included in precise specifications.

Our integrated workshops, for designing and making tools for extruding and drawing profiles, are one-hundred percent responsive.

Certain profiles can also be delivered in rolls, depending on their format and nominal section.

**COPPER COMPONENTS MADE TO SPECIFICATION**

Whether a firm wants to outsource production or is looking for ready-to-use copper components,

The Gindre integrated industrial organization (from the raw material to the component)
and all technologies available in workshops throughout Europe and the world, are capable of providing:

- Readily available parts, perfectly matching technical needs and requirements
- Savings on “supply chain”, making the best rational use of materials and their procurement
- Reduced stock and administrative formalities…

Starting from specifications, the design teams define the material suitable for the need and the basic copper profile, which will most often be made specifically. They establish and design the best processes and tools suitable for creating the expected part, whether traditional or special.

To do this, they unite technical skill and production resources, traditional or hi–tech, guided by experienced professionals. Among the technologies available are: cutting, perforated blanks, punching, bending/folding, turning, tapping, digital machining, sheet nibbling, water–jet cutting, brazing, cladding, surface treatment (silvering, tinning, nickel plating, gilding), epoxy, inserts, assembly, kits, etc…

**FLEXIBLE INSULATED COPPER BARS**

The solution when all connections are not possible with the flats.

**SPECIFICATIONS**

**BARS**

- Standard length 2000 mm (−0/+5 mm), up to 4000 mm upon request
- Strip thickness 0.8 and 1 mm
- Strip width from 9 up to 100 mm
- Number of strips from 2 up to 10
- Marking MAXIFLEX brand and size (width X thickness X number of strips)
FLAT IN COIL

SIZES: width from 20 up to 120 mm., thickness from 1 up to 12 mm., maximum cross section 1440 mm².

RADIUS:

PLATING (Total ou partial): tinning from 1 to 20 microns, argenture from 1 to 5 microns.

PACKING: pancake coils with 400 up to 550 mm ID (other possibilities upon request). Standard weight: 30 up to 450 kgs upon the cross section.