

Our low melting temperature alloys



Constancy in quality

Bertrandias, a brand of
METACONCEPT Group





The integration of the Bertrandias activities within METACONCEPT group

- That's **the pledge to benefit from:**

- Business continuity of the service
- Flexibility of a family-owned company
- Manufacturing on request
- An unequalled trade knowledge based on an exhaustive bibliography
- High quality products
- Very fast delivery time
- Large available stock
- Professional and dedicated staff

- That's **the choice of trust** and take advantage of:

- Our registered training center
- An all inclusive service inside our group and within our companies
- Advices and experiences adapted to any uses : bending, die, mould, indentation, anchorage, setting, radiotherapy protection, ...

100% guaranteed fusible alloys:

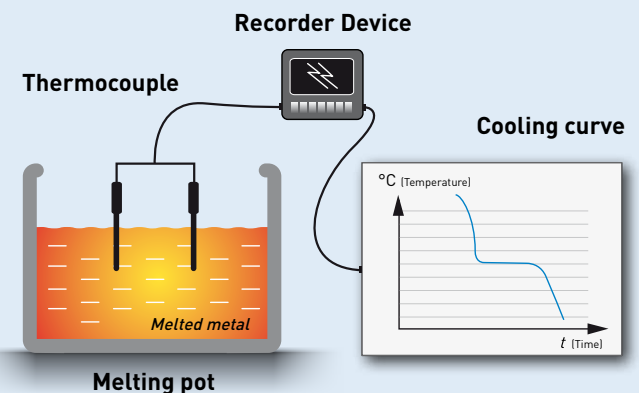
- BISMUTH BASED NON FERROUS ALLOYS,
Low melting point, with dilatation or contraction when cooling
- EXCLUSIVELY MANUFACTURED with virgin metals, high purity and systematically controlled
- LOW OXIDABLE AND REUSABLE ALLOYS
- ALL OTHER FUSIBLE ALLOYS ON REQUEST
Wood alloy, Arcet alloy... for all temperatures between 47°C and 200°C
- REGISTERED TRADEMARK IN 1 KILO INGOTS;
Other shapes on request: sticks, ingots and small ingots, shots...



Our strength: **An in-house analysis laboratory**

To control each of our Cerro alloys melting points, we systematically check up the solidus and liquidus temperatures after production.

A cooling curve recorder added to the phase diagram insures us to guarantee the value and the constancy of these data.



Products and Applications



CERROLOW 47°C et 57°C

Very low melting point, indentations, lenses work.

CERROBEND

Fragile mechanical pieces setting, pipes and forms bending, radiotherapy protection.



CERROSHIELD

Fragile mechanical pieces setting, radiotherapy protection.

CERROSAFE

Sprinklers, indentations, patterns.



CERROMATRIX

Die, anchorage and various fixings.

CERROBASE

Dies.



CERROTRU - Eutectic

"Green" alloy lead-free and cadmium-free. Moulds, patterns, dies, settings, electroforming mandrels.

CERROCAST

"Green" alloy lead-free and cadmium-free. Moulds, patterns, dies, settings, electroforming mandrels.



METACONCEPT Group

- Pure metals and alloys – Filler metals for soldering
Preforms and laminates – Fluxes – Consumables and equipments for centrifugal casting
- White metals recycling and recovering
- Test center and training organism (tribofinition, centrifugal casting, bearings) in Chaponost or on customer site.



For any further information, scan this QR code with your smartphone.



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