



SEMI-PRODUCTS FOR INVESTMENT CASTING

EXCLUSIVE AND COST EFFECTIVE SOLUTIONS

Aubert & Duval offers premelted material:

- For precision components, orthopedic and dental prostheses
 - Under various shapes:
Small ingot, shot, cast stick with regular weight from 5 g to 5 kg
 - Any specialty steel, nickel and cobalt base alloys, special grades for single crystal, etc.
- Can be incorporated in your investment casting process as the primary load or as a component



Small remelted ingot



Shot

Aubert & Duval, your partner for success:

- Our products are in accordance with many specifications:

Aeronautic, Nuclear, Defense, Medical, Marine, etc.



Examples of parts

- Our technical team is permanently available to discuss new developments





The High-Tech Foundry

The Aubert & Duval foundry

The Aubert & Duval foundry is a dedicated workshop integrated in one of the most advanced Special Steel plants

- **Technically advanced equipment:** melting capacities of 100 kg to 40T with Electric Arc Furnace, Vacuum Induction Melting, centrifugal casting (up to 1.5T), heat treatment. Possibility of hipping.
- **Plant (R&D, Metallurgy Engineering, Quality Control)** dedicated to most demanding markets: aerospace, nuclear energy, etc.
- **Highly skilled workforce**



As a consequence:

- **more than 180 original grades:** special steels (heat resisting materials, low thermal expansion coefficient), nickel and cobalt base alloys, ...
- **large sizes :** up to 12m (e.g. helicopter blades) and parts from 5g to 20T
- **stringent quality and Q/C,** in line with aeronautical requirements
- **short lead-times:** in the range of 10 - 12 weeks

