

AUBERT&DUVAL



**TITANIUM FOR
DEMANDING
MARKETS**

Semi products
offer



www.aubertduval.com

Meeting the greatest of Titanium challenges

From sponge through to various conversion processes, surface treatment and testing: by integrating the technical competences and capabilities into one titanium industrial stream we offer to our customers a large array of metallurgical solutions with an enhanced level of expertise and service.



Thanks to our integrated industrial solution for titanium, mindset for continuous improvement, aerospace standards and our collaborative approach in R&D, we build long-standing partnerships with the leading suppliers of critical aerospace components.

Key benefits

- A simplified and controlled supply chain from sponge to finished and tested forgings
- An offer conforming high quality standards
- Circular economy from raw material through melting ingots, processing titanium, recovering & recycling titanium scrap into new titanium ingots of aerospace quality
- A double raw material provision route: ingots from original ilmenite ore and sponge and from recycled titanium scrap

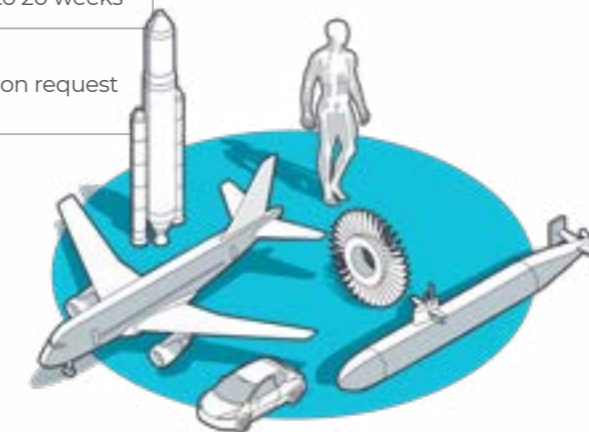
MOQ

- 900 kg for diameters <150mm
- 1.8 T for diameters <330mm
- 5 T for diameters >330mm



Our titanium offer:

| Products | Dimensional range | Titanium grades | Leadtime |
|-------------------------|---|-------------------------|----------------|
| Ingots | Diameter 915mm (36in) Weight 7t (15400lb) | TA6V, TA6V ELI, Grade2 | 2 to 8 weeks |
| Blooms, Slabs | Contact us | TA6V, TA6V ELI, Grade2 | 3 to 7 weeks |
| Billets and forged bars | Ø 150 – 430mm (6 – 17in) | Grade2*, TA6V, TA6V ELI | 8 to 15 weeks |
| Rolled bars | Ø 80 – 150mm (3.1 – 6in) Ø 20 – 80mm under development | TA6V, TA6V ELI | 10 to 20 weeks |
| Rectangular bars | Contact us | TA6V, TA6V ELI | 10 to 20 weeks |
| Open-die forgings | Custom dimensions Weight up to 3t (6600lb) | TA6V, TA6V ELI, Grade2 | upon request |



World leader in titanium melting and forging

With a fully integrated solution for titanium, Aubert & Duval, UKAD and EcoTitanium are leading global suppliers and manufacturers of aviation-grade titanium and titanium alloy products. From melting to forged billets, we tailor processes to manufacture highly performing products, consistent with customers' needs.

Specifications

- ASTM B348
- AMS 4911 / 4928 / 6931
- DMD 776
- WL 3.7164

Customer agreement

- Airbus
- Safran Aero Engines
- Safran Landing Systems
- Leonardo
- ...

Quality and certifications

- ISO 9001, 14001, 18000
- EN 9100, NADCAP



Expertise at the heart of the entire titanium value chain

