Aubert & Duval has a long history in supplying material to missiles systems manufacturers. As a leading supplier of defense high performance steels, Aubert & Duval supports missiles manufacturing sector.

Choose the best designed grade for your application.

Due to its expertise, Aubert & Duval develops and produces a range of precipitation hardening steels that quite meet the missile producers/designers needs:

- High UTS up to 2000 MPa
- Simple heat treatment
- Control of distortions during the process
- Best compromise between UTS and toughness (at room and low temperatures)
- Welding and flowforming ability
- Corrosion and stress corrosion cracking resistance

Customer benefits:

- Weight optimization
- Customized alloys grades
- A global supplier of the missiles systems manufacturers
- Technical Support
- Dedicated R&D Team

Product range:

Forged and rolled bars for:

- Ballistic Cruise missile
- Anti-ship
- Anti-tank
- Surface to air
- Anti-aircraft
- Anti-ballistic
- Air to air

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Precipitation hardening steels are key candidates to fulfill requirements for missiles structural parts such as body, frames and hangers:

+ High static and fatigue properties
+ Best combination of high strength and high toughness (even at low temperature)
+ High stress corrosion cracking performances
+ Suitable for welding and flowforming

**Non stainless steels**

**Stainless steels**

**Ni-based alloys**

For high temperature applications, Aubert & Duval provides Ni-based alloys:

AD730®

PYRAD53NW (INCO718)