

ANVILOY® AEROSPACE

ANVILOY® high density alloys for Aerospace applications

ANVILOY® Weights and Shielding Components

ANVILOY® is a group of Tungsten Heavy Alloys with densities of up to 18,5g/cm³. ANVILOY® is available in slightly magnetic and nonmagnetic composition. It can be supplied in various precision machined shapes and sizes and even coated upon request.

Key Characteristics of ANVILOY® Products

- Extremely high density
- Remarkable chemical and thermal resistance
- Environmentally friendly, compliant to RoHs und REACH
- Conflict-free



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Major Applications

Whenever you need to put as much mass possible in limited space ANVILOY® products must be considered. Some of these applications are for example:

- Balancing weights in composite rotor blades of helicopters to reduce vibrations
- Mass components in composite rotor blades to increase torque of helicopter rotor systems
- Rotating components in active vibration reduction systems of helicopters
- Adjusting the center of gravity
- Shielding of measuring devices of different radiation
- Reduction of vibration in optical instruments
- Mass components in wing lets and landing flaps



Standards

- All our standard ANVILOY® Alloys are made according to SAE: AMS-T-21014 , ASTM B777 , AMS 7725.
- Our factory is certified according to ISO 9001



Americas

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