Tungsten Copper

Tungsten Copper alloy is the composite of Tungsten and Copper, which own the excellent performances of Tungsten and Copper, such as heat-resistant, ablate-resistant, high-intensity, excellent thermal and electrical conductivity. It is easy to be machined. It is used widely in such industries as engine, electrical power, electron, metallurgy, spaceflight and aviation.

Tungsten Copper Heat Sink

Tungsten copper heat sinkis a composite of tungsten and copper. By controlling the content of tungsten, we can design its coefficient of thermal expansion (CTE), matching that of the materials, such as Ceramics (Al2O3, BeO), Semiconductors (Si), Kovar, etc.

Tungsten Copper Electrode

A combination of the advantages of tungsten and copper, high temperature resistance, electric arc ablation, high intensity, than the major, conductive, thermal conductivity, and ease of machining, and it has features such as cold sweating, as with tungsten high hardness, high melting point, anti-adhesion characteristics, often used to do a certain resistance to abrasion, resistant to high temperature welding, butt welding electrode.

Tungsten Copper Dart

Tungsten copper darts is a much softer material. To show the color of brass, they are generally manufactured with about 70%~ 80% tungsten. Some darters, especially old-timers, like the grip of these darts as the metal surface develops microscopic pits after they have been thrown for a while. Tungsten copper darts have become much less common in recent years, with Nickel/Tungsten darts becoming the primary type of high-density darts.

Tungsten Copper Golf Weight

A golf club head includes one or more balance weights for swing balancing the golf club. The balance weight is selected from a plurality of balance weights and mounted in a weight cavity formed in the golf club head.
Tungsten alloy is now well known as the best material for this significant role of golf club balance weight. You can have a general impression for how tungsten alloy is applied to balance the golf club's better control from the below pictures demonstration.

Tungsten Copper LED

The reduced form factor of the Tungsten LEDis made possible by a revolutionary new light engine. ASP research developed a Patent Pending technology, which produces 70 lumens (Tungsten 1) to 90 lumens (Tungsten 2) of brilliant white, refocused light. (Note to reader: These are conservative measures A constant current driver is combined with a mathematically precise collimating cone to achieve unparalleled output.)