



Anviloy 4000 Tungsten Alloy for Welding, Anviloy 4000 Tungsten Alloy application

Tungsten Alloy Rod Similar to Anviloy 4000 Introduction: Anviloy 4000 Tungsten alloy rod (WMoNiFe) similar to Anviloy 4000 is a high density, tungsten-based material produced by powder metallurgy techniques. Tungsten alloy for welding similar to Anviloy 4000 has 3 kinds applications.

Including:

anviloy 4000 Extrusion Dies

anviloy 4000 Die Casting Components

anviloy 4000 Hot Riveting, Electrical Upsetting and Electroforming

Typical Properties of tungsten alloy rod (WMoNiFe) similar to Anviloy 4000

Density:	17.3 gm/cm ³
Hardness:	32 HRC
Ultimate Tensile Strength:	960MN/m ²
0.2% Proof Stress:	600MN/m ²
Elongation on 24mm:	6%

Tungsten Alloy Rod Similar to Anviloy 4000 Used in Extrusion Dies

Anviloy 4000 is widely used for dies in the extrusion of metals, especially copper-based alloys where Anviloy 4000 can provide significantly longer life than the more traditional die materials. Tungsten alloy for welding similar to Anviloy 4000 is a particularly useful material from which to manufacture die casting tooling, especially for casting aluminum and brass. Specific applications such as those shown below



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enable the economic advantage of tungsten alloy for welding similar to Anviloy 4000 to be fully realized:

- a) Dies, cores and ancillary components for brass or ferrous die casting where long life is required.
- b) Dies and cores for brass or ferrous die casting where good casting surfaces are a requirement in order to reduce subsequent finishing costs.
- c) Cores and die inserts for aluminum die casting which would solder or erode when made from steel.
- d) Cores and die inserts located at heavy sections of a casting where extra cooling effect is required to reduce or eliminate shrinkage porosity.
- e) Facings applied by TIG welding on critical areas of steel dies subject to erosion when used for anviloy 4000 aluminum die casting.
- f) Good machinability, which facilitates the manufacture of complex shapes and die-recycling of anviloy 4000.

Katalor enterprises will use our professional services, best quality and competitive price to fulfill each customer's needs in Anviloy 4000 Tungsten Alloy. More information about Anviloy 4000 Tungsten Alloy price, please feel free to contact us, we will always do our best to help you.