



Diamond Nickel Plating

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Diamond Nickel Plating Manufacturers and Suppliers in China

Due to a series of excellent physical and chemical properties, such as high hardness, high strength, high wear resistance and low linear expansion coefficient, diamond nickel plating has been widely used in the field of grinding. However, at room temperature and atmospheric pressure, diamond is metastable, its heat resistance is not high, and there are some surface defects. In the process of processing, there are often reactions such as oxidation loss or graphitization, which can reduce the processing efficiency. In addition, due to the mechanical inlay between the diamond grains and the bond in the abrasive tools, the diamond grains are easy to fall off under the action of grinding force, which greatly reduces the service life of the abrasive tools.

Coating a layer of metal on the surface of diamond can give diamond many new characteristics: improving the strength of diamond, the interface bonding ability between diamond and matrix, oxygen barrier protection, reducing the degree of thermal damage of diamond, improving the physical and chemical properties of the interface between diamond and matrix, and improving the wear resistance and cutting ability of diamond tools. The metal to be plated is generally nickel, copper, silver and alloy. The plating method is generally chemical plating or re plating after chemical plating

Assume full accountability to meet all requires of our purchasers; realize continual advancements by selling the advancement of our customers; grow to be the final permanent cooperative partner of consumers and maximize the interests of clientele for IOS Certificate China Manufactured Titanium Coating Diamond CBN Powder/Nickel Coated Synthetic Diamond, We welcome prospects, small business associations and buddies from all pieces in the globe to get hold of us and search for cooperation for mutual positive aspects. IOS Certificate China Cubic Boron Nitride Powder, Industrial Cubic Boron Nitride, We have been increasingly expanding our international market share



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