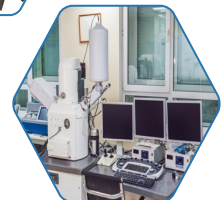
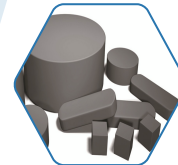
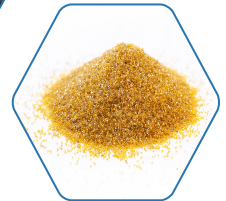
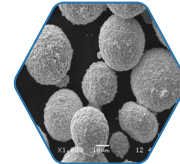
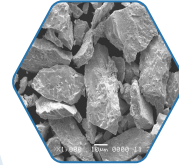




Products for Oil & Gas Drilling



Drilling Product Categories



POWDERS



TSP



DIAMOND GRIT

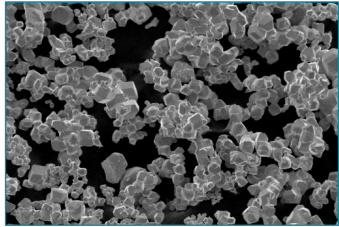


MUD NOZZLES



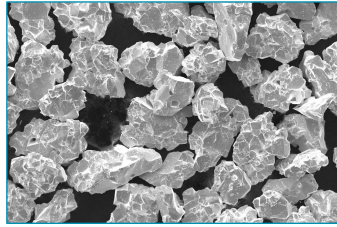
MWD LWD

Drilling Product Powders



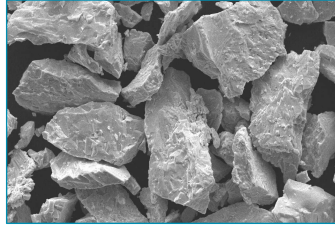
TUNGSTEN METAL POWDER

Tungsten metal powder is a high purity, crystalline material commonly used for drill bits in oil & gas exploration. It is used as the base material for shaped charges used in perforation guns, high temperature combustion chamber coating and as tungsten crucibles for furnaces.



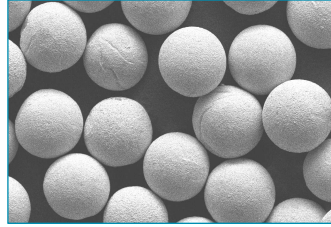
MACROCRYSTALLINE TUNGSTEN CARBIDE

High-density, carburized alloy powder. This material has greater uniformity, thermal stability, and a much coarser grain structure when compared to standard WC powders using traditional manufacturing processes.



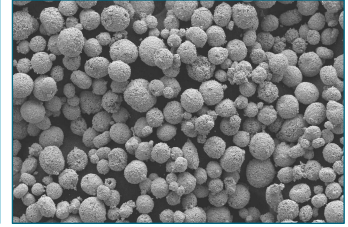
CAST TUNGSTEN CARBIDE

High temperature, abrasion, and impact resistant. Widely used in mining, oil, metallurgical, steel, and construction machinery as well as hard facing and matrix powder for PDC bits, drill pipes, TC bearings, etc.



SPHERICAL CAST TUNGSTEN CARBIDE

Using cast tungsten carbide as the base material, this product is produced via high temperature plasma spherodizing to maintain the base material's chemical properties while providing uniform structure along with excellent flow and liquidity characteristics.



CUSTOMIZED SPECIFICATION

iAlloys has the capability to manufacture powders to customer specifications and or specific applications where standard powders will not suffice.

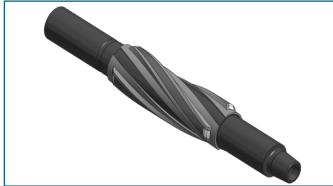
Drilling Product Components & Diamond



MUD NOZZLES

NOZZLES AND SLEEVES

Standard nozzles in threaded and non-threaded styles as well as sleeves and custom configurations per customer specification.



STABILIZERS

DRILL STRING STABILIZERS

Downhole drilling stabilizers in multiple configurations including straight, spiral, integral, sleeve and non-magnetic manufactured to customer specifications.



MWD LWD

MWD & LWD COMPONENTS

Carbide and specialty metal components and assemblies for shielding and wear resistance components used in measurement-while-drilling and logging-while-drilling.



TSP

THERMALLY STABLE POLYCRYSTALLINE

Multiple shape and size configurations of TSP inserts for soft formation drilling, gauging, and wear applications.



DIAMOND GRIT

DIAMOND GRIT FOR DRILL BITS

Diamond grit, available in wide range of mesh sizes for use in impregnated bits as well as PDC and hybrid bits to extend body life.

Customized, Advanced Wear Solutions

Interstitial Alloys (iAlloys), a Houston, Texas-based subsidiary of the AsiaTech Group, produces an extensive range of products including cemented carbides, diamond, specialty powders, and fully integrated manufacturing of components and assemblies that provides our customers with increased performance and profitability.

With decades of experience in producing hard materials and engineered products, iAlloys brings added value to our customers by providing application-specific material selection, product engineering and design, complete testing capabilities, and full logistical support.



FULLY INTEGRATED MANUFACTURING

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