

Frequently Asked Questions

What applications is the Cerbide™ material most suited for?

Cerbide™ is particularly useful as a wear part in applications requiring high corrosion and abrasion resistance. Due to its excellent thermal conductivity, adequate toughness, and improved chemical compatibility, Cerbide™ is the new choice for machining and cutting needs in low or no impact, high abrasion applications. Also because it lacks a binder, Cerbide™ is an excellent substrate material for diamond coating applications.

What is Cerbide's dimensional capabilities?

Cerbide is capable of producing:

-Most parts with the max size of 4" Diameter x 6.5" Length.

-Min. size ID of 0.040"diameter over a length of 1.0" &

-Min. size ID of 0.090"diameter over a length of 4.0"

However we are able to accomodate larger dimensions, send us a drawing and we will make it.

Can Cerbide™ material be brazed?

Yes, Cerbide™ can be easily brazed (we suggest Braze 495 used with Handy Flux Type B-1 from Lucas-Milhaupt).

How is the Cerbide™ material in corrosive environment?

Cerbide is 8 times better than Nickel binder Tungsten Carbide after 144 hours in Nitric, Acetic, or Sulfuric Acids.

Is the Cerbide™ material magnetic?

Cerbide is non-magnetic.

How do you machine the Cerbide™ material?

Cerbide can be EDM cut and diamond ground.