

CONSTRUCTION

What is a carbide bur?

A **tungsten carbide bur** is a tool used to debur and smooth sharp edges after cutting or machining.

Special geometries are designed to be applied to different materials and applications.

It is imperative to choose the correct bur for your application.

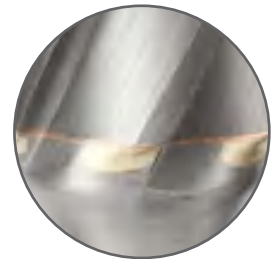


Composition

ATA burs are made from a mixture of Tungsten Carbide and Cobalt.

Cobalt is the binder holding the carbide grains together. Harder than almost all metals, it has the ability to be used at high speeds.

It has a reduced risk of contamination and can be used on most materials.



Brazed Carbide Bur



Solid Carbide Bur



Brazed Carbide Bur Components



- Carbide Head
- Tri-foil Disc
- Toughened Steel Shank

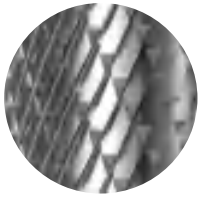
Summary

A **tungsten carbide bur** is a tool used to debur and smooth sharp metal edges after cutting or machining.

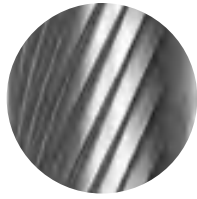
For drilling holes or cutting a hole in metal, a carbide drill or a carbide end mill or a carbide router is required rather than a carbide bur. Carbide burs are widely used for metalwork, tool making, engineering, model engineering, wood carving, jewellery making, welding, chamferring, casting, deburring, grinding, cylinder head porting and sculpting.

Tungsten carbide is up to three times stronger than high speed steel so can withstand extreme applications and perform better at higher temperatures.

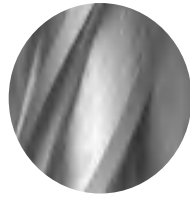
CUT TYPES



Double Cut



Standard Cut



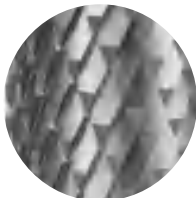
Aluminium Cut



Inox Cut



Steel Cut



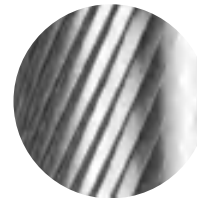
Foundry Cut



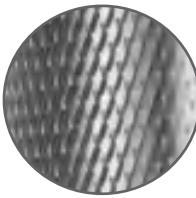
Base Metal Cut



Alloy Specific



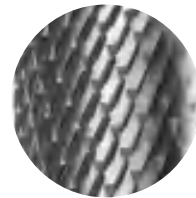
Fine Cut



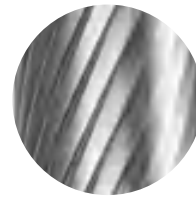
Fine Double Cut



Cross Cut /
Chipbreaker

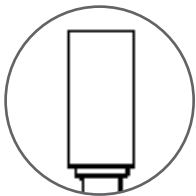


Diamond Cut

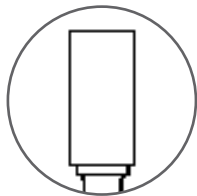


Coarse Cut

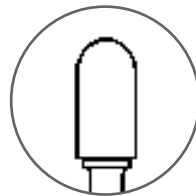
Bur Shapes



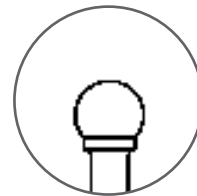
A Shape



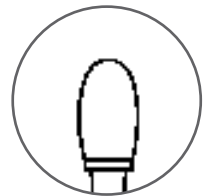
B Shape



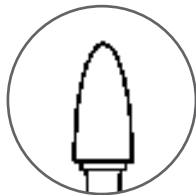
C Shape



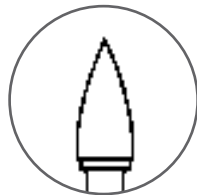
D Shape



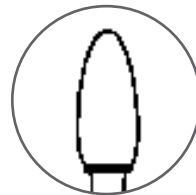
E Shape



F Shape



G Shape



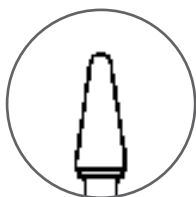
H Shape



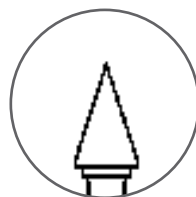
J Shape



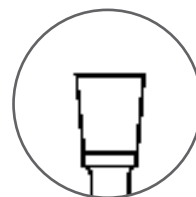
K Shape



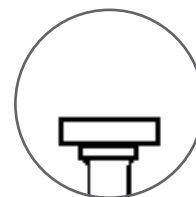
L Shape



M Shape



N Shape



Rim Shape