

Common Grinding Wheels - Abrasive Material:

Written by YingLong

Tuesday, 26 October 2010 18:08 - Last Updated Sunday, 31 October 2010 17:59

1. Abrasive Material:

Category

Features

Usage

Brown Corundum

(A)

High hardness and toughness

It can be used for grinding medium and high tensile strength metal such as ordinary carbon, steel, alloy

White

Corundum

(WA)

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Its hardness is higher than that of the A. Grains are easily broken. The edges of the grains are sharp with

It can be used for grinding harder material and metals sensitive to heat such as chilled steel, high carbon

Pink Corundum

(PA)

The hardness is close to WA, but the hardness is higher. The grains are sharp. It is much durable,

Used for the grinding of the chilled steel, cutting tools and work-pieces of alloy steel as well as the precision

Mixture of A and WA

(A/WA)

It possesses the advantage of both A and WA

It is suitable for the grinding of nodular, cast iron crank shaft, cam shafts and other work-pieces.

Green Silicon

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Carbide (GC)

With high hardness and brittle. Its grain edges are sharp and it is of excellent capacity of the heat –transm

It is suitable for the grinding of the cutting tools and work-pieces of hard alloy, and non-ferrous metal and

Black Silicon

Carbide (C)

With high hardness and brittle. Its grain edges are sharp and it is of certain capacity of the heat –transm

It is suitable for the grinding of non-ferrous and non–metal materials.

[More detail information](#)