Customized 6 inches Aluminum Oxide Abrasive Metal Flat Abrasive Cutting Disc on Sale

The resin-cutting grinding wheel is a thin-plate grinding wheel which is formed by bonding a loose abrasive to a certain shape by using a resin as a binder. Generally, the grinding wheel needs to pass through: mixing, pressure forming, drying, sintering, shaping, static balance, hardness testing, safety rotation test, and a total of eight steps.

Resin bond is a kind of organic bond. The grinding wheel manufactured by this bond has high strength, certain elasticity, low heat resistance, good self-sharpening, simple production, and short process cycle. Can be manufactured to work faster than 50 m/s aluminum flat cutting disc and very thin aluminum abrasive cutting disc. Its application scope is second only to the ceramic binding agent, widely used in rough grinding, rough grinding, cutting and free grinding, such as grinding ingot, casting burr. Can produce high speed, high finish grinding wheel, heavy load, cutting and all kinds of special requirements of 6 inches is cutting disc...

At the same time, resin - bonded grinding wheel is a tool in great demand. It is a tool using benzoic acid and polyamide or other resins as adhesives by gluing diamond or CBN abrasive with inorganic filler. This tool is being used effectively in various grinding operations, such as surface grinding, external centerless grinding, slotted and internal grinding. It is an ideal grinding tool for use in ultra-resistant stainless steel, metal ceramics, ceramic products, glass products, limonite, high-speed steel, alloy tools, and many other new ultra-hard materials. There are many special resin - bonded diamond grinding wheels for rapid cold cutting. These grinding wheels are particularly suitable for grinding of carbide tools (such as saws, cutting machines, drilling tools, end mills, etc.). In addition, these tools can also be used for precision grinding of carbide dies, rollers, and carbonized wear parts. Resin cementing wheel is the first choice for precision machining of ceramic products and grinding of tungsten carbide and thermal spraying layer of ceramic products. Resin bonded grinding wheels can also be used in conjunction with CBN for grinding of high-speed steel, tools and die steel and superheat alloys above HtRC50

The most commonly used abrasives are brown corundum (A) and white corundum (WA), followed by black silicon carbide (C) and green silicon carbide (GC). The rest are also commonly used in chrome corundum (PA) and single crystal corundum (SA). microcrystalline corundum (MA), zirconium corundum (ZA).

Cutting wheel customized metal cutting disc must be carefully checked and identified before installation. The steps of aluminum abrasive cutting disc examination and identification are:

1. Check whether the grade of the aluminum flat cutting disc is correct and whether it conforms to the performance, shape, and size of all selected 6 inches is cutting disc

2. Check and identify the external structure of the customized metal cutting disc. Observe with your eyes if the aluminum flat cutting disc looks damaged (or cracked). External damaged (or
cracked) aluminum flat cutting disc does not work. In addition, there are two aluminum abrasive cutting disc face leveling, no obvious skew.

3. Check and identify internal cracks of customized metal cutting disc pieces. Use the hand wheel and the wooden hammer to tap the aluminum abrasive cutting disc to hear the sound. The cracked 6-inches cutting disc makes a clear sound. The cracked aluminum flat cutting disc makes a hoarse sound, which cannot be used.

4. Henan Aurora Abrasive Co., LTD. is a professional abrasive manufacturer with the flat cutting disc on sale. We produce standard and customized metal cutting disc and grinding disc. We mainly produce various grinding wheels like white corundum grinding wheel, brown corundum grinding wheel, green silicon carbide grinding wheel, resin grinding wheel, sandpaper, ceramic grinding wheel, etc. Our company is located in Zhengzhou, the silicon carbide base, which boasts excellent geographical location and integrated road, railway and air transportation network extending to all directions. We always carry through the cooperation principles "customer first, honesty, quality assurance, creating the brilliancy together".