

Overview

Aurora abrasive tools equip with the features of not easy breaking, less heat, more sharpness, more durable, which will not damage the project. Aurora cutting discs are used in various industries, such as machinery, shipbuilding, metallurgical industry, chemical industry, etc. And our products can be applied to fast cutting various kinds of metallic materials, such as stainless steel, pipe and profile, re-bar and wire cable.

Raw material

Reinforced resin and the excellent-quality emery from large factories are applied by Aurora. Then stir them well by specific proportions. For better mixing, lay the mixture in cooling and dry environment. Last after strictly filtrating many times, emery can be applied to producing discs.

working process

Set 14" cutting discs as an example

1. adding raw material and resin
2. adding fiberglass nets
3. pressing
4. adding material
5. adding Aurora logo and stainless-iron inner ring for good appearance
6. pressing again for shaping

Test balancing

After being embryonic form, strict balance tests must be conducted. Aurora promises every single disc has to be manual tested by balance checking equipment. Error range of 3g is qualified products.

Baking in box-type furnace

In order to be harder, more durable, sharper, the tested semi-finished products are sent to the oven. When baking, the computer program precisely control the temperature difference within $\pm 2^{\circ}\text{C}$. When gradually increasing to 180°C , it will help adhesives and abrasives to be fully combined and promise our cutting discs not easy breaking. At last the temperature gradually decreases and the products are done.