

Product name: special grinding wheel tool for grinding drill bit

Product Overview: This product is a professional-grade grinding wheel tool specially designed for grinding and reshaping the cutting edge of various bits, which is suitable for daily grinding and renovation of various metal bits. This grinding wheel is made of high-quality materials, with high wear resistance and self-sharpening, which can accurately shape the tip of the drill bit and restore its original cutting performance.

Product composition:

Grinding wheel body: made of high-strength materials and selected abrasives by mixing and sintering to ensure the rigidity and durability of the grinding wheel.

Specification of grinding wheel: according to the requirements of different bit sizes and materials, a variety of diameters and particle sizes are provided.

Installation structure: equipped with standard interfaces suitable for various grinders and power tools, which is convenient for installation and replacement.

Instructions for use:

Selection of grinding wheel: according to the type, material and wear degree of the bit to be grinded, select the grinding wheel with appropriate particle size and diameter.

Installation of grinding wheel: Ensure that the grinder is closed and completely stops rotating, use special tools to correctly install the grinding wheel on the spindle of the grinder, and fasten it according to the provisions of the equipment manual.

Setting angle: adjust the angle of the grinder workbench to make the grinding wheel and the drill bit form a suitable grinding angle. Generally speaking, the top angle of a standard twist drill is about 118°, but the specific angle needs to be adjusted according to the bit design.

Grinding operation: start the grinder, keep preheating at low speed, then gradually contact the inclined plane of the drill with the grinding wheel, apply appropriate pressure and maintain a stable feed speed for grinding. Pay attention to the change of drill tip shape, and adjust the contact position and angle between grinding wheel and drill bit in time.

Cooling and safety: During grinding, cooling liquid should be sprayed continuously to reduce the temperature and prevent the bit from overheating and annealing. At the same time, be sure to wear protective glasses, dust masks and gloves when operating to ensure safety.

Inspection and maintenance: after grinding, check whether the cutting edge of the drill bit is sharp and symmetrical on both sides. If the grinding wheel is obviously worn or blocked during use, it should be replaced or cleaned in time.

Precautions:

The grinding wheel is very dangerous when rotating at high speed. It is forbidden to touch the grinding wheel without stopping the rotation.

Constant pressure and speed should be maintained during grinding to avoid overheating or bursting of the grinding wheel.

After use, remove the grinding wheel and store it in a dry and ventilated place to avoid the grinding wheel from getting wet or colliding with other hard objects.

Please operate in strict accordance with the above instructions, and combine with the specific operation guide of the actual grinding wheel tools to ensure safe and effective use.