

DIAMOND DISC MANUFACTURING PROCESS

ABSTRACT

A diamond disc manufacturing process includes the following steps. Firstly, a container is provided, and an adhesion layer is formed in the container. A hollow member
5 having a plurality of meshes is covered on the adhesion layer. A plurality of diamond particles is implanted on the hollow member and embedded into the meshes of the hollow member, so that the diamond particles are adhered onto the adhesion layer. Then, a resin material is infused into the container, so that the diamond particles are bonded on the resin material. Finally, the resin material together with the diamond particles is released from the
10 container, so as to obtain a diamond disc base with the diamond particles having uniform distribution and orientation.

Fig. 6B