

ABSTRACT

A diamond tool (20) comprises: a base part (30) that contains a single crystal part (32) constituted of single crystal diamond; and a conductive part (40) formed on the single crystal part (32). The conductive part (40) contains a conductive part surface (41) that constitutes the surface of the diamond tool (20). The base part (30) is constituted of only the single crystal part (32) exhibiting electrical insulating behavior.

Fig. 2