

Abstract

A diamond film (17) is formed on tapered surfaces (13, 14) of a scribing wheel base material (12) via a pair of spacers (21, 22). After the diamond film is formed, in
5 order to remove the diamond film affixed to boundary regions between the tapered surfaces (13, 14) and the side surfaces (15, 16), the boundary regions are cut off by applying laser beams. Thus, a yield of the scribing wheel can be increased and a sliding resistance under usage can
10 be improved avoiding the diamond film from remaining on outer peripheral portions of the side surfaces (15, 16).

[Figure 5]