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ABSTRACT OF THE DISCLOSURE

A method of manufacturing a diamond sintered body includes the steps of preparing diamond powder having particle size within a range of 0.1 to 10 μ m, coating the
5 surface of each particle of the diamond powder by a sintering assistant agent including Pd within a range of 0.01 to 40 percent by weight and at least one of an iron family metal as remaining part, and sintering the coated
10 diamond powder in liquid-phase under high pressure and high temperature condition, so that a diamond sintering body having high strength and high wear-resistance containing diamond particles of 80 to 96 percent by volume can be obtained.

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