

MAGNETIC-DISK SUBSTRATE, MAGNETIC DISK, AND METHOD FOR MANUFACTURING MAGNETIC-DISK SUBSTRATE

ABSTRACT

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A magnetic-disk substrate has a pair of main surfaces and arithmetic average roughnesses R_a of the main surfaces are each 0.11 nm or less. Also, in surface unevenness of the main surfaces, an average area of regions occupied by a plurality of protrusions having a height of 0.1 [nm] or more from an average
10 plane of the surface unevenness is 25 [nm²/protrusion] or less. The arithmetic average roughness R_a and the surface unevenness are measured using an atomic force microscope with a probe having a probe tip provided with a carbon nanofiber rod-shaped member.

15 Fig. 2