

ABSTRACT

MOLDED GLASS SUBSTRATE FOR MAGNETIC DISK AND
METHOD FOR MANUFACTURING THE SAME

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A molded glass substrate for a magnetic disk is manufactured in the following manner: press-molding a heated glass material in the inside space of a molding die including a pair of dies, each having a predetermined processing plane, and a barrel die for slidably guiding the dies while forming the outer circumference of the glass material joined to both principal surfaces corresponding to the dies as a molding-free face (13); cooling the press-molded glass substrate (11); and forming a predetermined through-hole (14) in the central portion of the glass substrate (11). This method enables manufacturing that prevents generation of industrial waste, such as glass power, abrasive, and solvent, as much as possible.

[Selected figure] FIG. 1