

# GLASS SUBSTRATE FOR MAGNETIC RECORDING MEDIUM AND MAGNETIC RECORDING MEDIUM

## ABSTRACT

5           The present invention provides a glass substrate for a magnetic recording medium in which heat cracking is prevented from occurring in a case where a rapid temperature change is applied. The present invention provides a glass substrate for a magnetic recording medium, having a doughnut shape and comprising: a pair of main surfaces; an outer peripheral edge; and an inner peripheral edge, in which the outer  
10 peripheral edge includes an outer peripheral side surface part and a pair of outer peripheral chamfered parts, an arithmetic average roughness Ra of the outer peripheral side surface part is 0.1  $\mu\text{m}$  or smaller, and an arithmetic average roughness Ra of an etched outer peripheral side surface part obtained after etching 5  $\mu\text{m}$  of the outer peripheral side surface part from a surface thereof is 0.5  $\mu\text{m}$  or smaller, and a maximum  
15 height roughness Rz of the etched outer peripheral side surface part is 10  $\mu\text{m}$  or smaller.

[Fig. 1]