



162162

ABSTRACT



G00002

An object of the present invention is to provide a slider which can maintain a uniform flying posture and a predetermined flying height by suppressing variations of roll angle and flying height of the slider.

In an air bearing surface (30A), an edge line on the air influx end side (35) and an edge line at the disk outer circumference side end (37) are connected by an edge line having a recess angle θ (rad) with respect to an abscissa (56), and the edge line on the air influx end side (35) and an edge line at the disk inner circumference side end (36) are connected by an edge line having a recess angle η (rad) with respect to the abscissa (56), thereby forming a concave part (48), and when a distance "x" from an air influx end (41) to the concave part (48) of the air bearing surface (30A) is standardized by the length L of the slider to make $X=x/L$, the recess angles θ and η are as follows: $0.06 \times \pi / X < \theta < 0.12 \times \pi / X$, and $0.05 \times \pi / X < \eta < 0.13 \times \pi / X$.