

SPUTTERING TARGET FOR MAGNETIC RECORDING MEDIUM

ABSTRACT

For a further high capacity, provided is a sputtering target for a magnetic recording medium that can form a magnetic thin film having enhanced uniaxial magnetic anisotropy, reduced intergranular exchange coupling, and improved thermal stability and SNR (signal-to-noise ratio).

The sputtering target for a magnetic recording medium, comprises: a metal phase containing Pt and at least one or more selected from Cu and Ni, with the balance being Co and incidental impurities; and an oxide phase containing at least B_2O_3 .