

SINTERED BODY, AND SPUTTERING TARGET FOR FORMING MAGNETIC
RECORDING FILM PRODUCED FROM SAID SINTERED BODY

ABSTRACT

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A sintered body is made from one or more types of metal or alloy which contains at least cobalt as a metal and which is selected from boron and/or platinum group elements, and oxides, wherein a phase composed of the oxide contains at least one or more types of oxides selected from $\text{Cr}(\text{BO}_3)$, $\text{Co}_2\text{B}_2\text{O}_5$, and $\text{Co}_3\text{B}_2\text{O}_6$. A sintered body in which a compound selected from $\text{Cr}(\text{BO}_3)$, $\text{Co}_2\text{B}_2\text{O}_5$, and $\text{Co}_3\text{B}_2\text{O}_6$ is present in a target can maintain a fine structure, and the present invention can provide a sintered body for forming a magnetic recording film in which the sintered body is stable against water.

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