

SPUTTERING TARGET FOR PRODUCING HEAT-ASSISTED MAGNETIC
RECORDING MEDIUM

ABSTRACT

Provided is a sputtering target that enables producing a heat-assisted magnetic recording medium having high saturated magnetization and containing a small amount of in-plane oriented magnetic crystal grains. A sputtering target for producing a heat-assisted magnetic recording medium, including magnetic phases containing Fe and Pt and nitride non-magnetic phases selected from Cr_2N , VN , AlN , NbN , TaN , HfN , and any combination thereof.