

ABSTRACT

An Fe-based magnetic material sintered compact containing BN, wherein the Fe-based magnetic material sintered compact has an oxygen content of 4000 wtpm or less. The present invention provides a sintered compact which enables the formation of a magnetic thin film in a thermally assisted magnetic recording media, and in which the generation of cracks and chipping is suppressed when the sintered compact is processed into a sputtering target or the like.

Fig. 1