MAGNETIC HEAD, MAGNETIC READ/WRITE APPARATUS AND METHOD FOR MANUFACTURING MAGNETIC HEAD

ABSTRACT

The slider (1) is provided with at least one rail portion (101, 102) which extends between the trailing end portion (TE) and the leading end portion (LE) on one surface of the slider body (100). At least one magnetic transducer (2) is provided on a line extended from the rail portion (101, 102) toward the trailing end (TE) of the slider body (100). The rail portion (101, 102) is provided with indented portions (104, 105) formed along the two sides and the rail surface, excluding the indented portions, forms the air bearing surface (103). The indented portions (104, 105) are formed shorter than the rail portion (101, 102) so that the air bearing surface (103) continues all the way to, at least, the trailing end portion (TE) of the slider body (100). The width (WO) of the air bearing surfaces (103), which are cut into by the indented portions (104, 105), is maintained at approximately the same dimension over the entire length of the indented portions (104, 105). This reduces dependency of the flying height and flight attitute on the skew angle and, at the same time, prevents minute particles from the slider (1), generated through dry etching, from adhering to the side surfaces.

(Fig. 9)

This is the replacement sheet

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