



ABSTRACT

ROTATING TAPE EDGE GUIDE

A method and apparatus for constraining lateral motion of a tape streaming across the transducing face of a magnetic head including two spaced apart reference mechanisms and an adjustment mechanism located in between the two reference mechanisms. Each of the reference mechanisms has a surface for engagement with a first longitudinal tape edge where both surfaces are planarly aligned with a predetermined tape travel path and mounted for movement with the first tape edge to guide the first tape edge along the tape travel path. The adjust mechanism has a surface for engagement with the second longitudinal tape edge. The plane of adjustment surface is parallel to the plane of the reference surfaces and mounted for movement with the second tape edge. Additionally, the adjustment surface is mounted in such a way and in a position effective to urge the first tape edge into contact with the reference surfaces to minimize movement of the tape in a direction perpendicular to the reference surfaces and the adjustment surface during tape advancement.

Fig. 5

