

## Abstract

The present invention quickly carries out quantitative evaluation of a defect of a magnetic member. An inspection probe (100), which includes: a third magnet (4) polarized in a direction intersecting a counter surface facing a magnetic member; a Hall element (11) that detects a density of a magnetic flux passing through the third magnet (4) and the magnetic member, is used to apply, to an output signal from the Hall element (11), an evaluation algorithm which is selected according to whether a defective surface is a front surface or a back surface.