

ABSTRACT

One aspect of the invention provides an Fe-based amorphous alloy ribbon having a free solidified surface and a roll contact surface, in which the Fe-based amorphous alloy ribbon has plural laser irradiation mark rows each formed from plural laser irradiation marks on at least one surface of the free solidified surface or the roll contact surface, a line interval is from 10 mm to 60 mm, which is a centerline interval in a middle section in a width direction, between mutually adjacent laser irradiation mark rows of plural such laser irradiation mark rows arranged in a casting direction of the Fe-based amorphous alloy ribbon, the width direction being orthogonal to the casting direction, a spot interval is from 0.10 mm to 0.50 mm, which is an interval between center points of the plural laser irradiation marks in each of the plural laser irradiation mark rows, and the number density $D (= (1/d1) \times (1/d2))$, d1: line interval, d2: spot interval) of the laser irradiation marks is from 0.05 marks/mm² to 0.50 marks/mm².