

NICKEL SUBSTRATE, AND METHOD FOR PRODUCING DIAMOND SUBSTRATE
USING THE SAME

ABSTRACT

An object is to provide a nickel substrate to be used for obtaining a large-diameter diamond substrate, and to provide a method for producing a diamond substrate using the same. Provided is a nickel substrate to be used for heteroepitaxially growing a diamond layer, and the nickel substrate consists of a single crystal, and has a (111) crystal plane on a surface thereof.

[FIG. 1A and FIG. 1B]