

ABSTRACT

First, an annular first layer including a plurality of beads and having a width that is not less than twice a width of the bead is formed by laser metal deposition on a peripheral surface of a base metal, the peripheral surface facing outward or inward in a radial direction. Next, a plurality of annular height raising layers each including a plurality of beads are stacked on the first layer by the laser metal deposition. According to this configuration, an axisymmetric body including a flange portion having a relatively wide width can be manufactured while making a heat affected zone in the base metal extremely small.