

SIMPLE-STRUCTURED REEL, HALF BODY OF REEL, AND MANUFACTURING METHOD OF
HALF BODY

ABSTRACT

A half body of a simple-structured reel comprises a flange made of a plastic sheet and having an axial hole and a half shaft projecting in the direction of an axis of the reel around the axial hole by sheet forming. The reel is made of a pair of the half bodies, formed by bonding the half shafts of the half bodies in a face to face fashion and comprises left and right flanges and a reel core between the left and right flanges. The half shaft of the half body comprises a recess in the center thereof, a circular projection surrounding the recess, and a reinforcement plate made of a plastic sheet rigidly secured to the recess. The axial hole is formed by stamping the center of the recess out through the reinforcement plate and the flange at a time subsequent to the securing of the reinforcement plate to the recess.

FIG. 3