

ABSTRACT OF THE DISCLOSURE

Apparatus and Method for Manufacturing Fluid Bearing

An apparatus, for manufacturing fluid bearing of dynamic pressure type, by being inserted into a bore of a sleeve and processing an inner peripheral surface of the bore to form a dynamic pressure-generating groove, includes
5 a guide shaft for coaxially inserting into the bore of the sleeve while being rotated and fed axially, the shaft having a first guide hole in a vicinity of a front end thereof, and a plurality of balls held radially into the
10 first guide hole of the shaft, the balls being harder than the sleeve and bringing into contact with each other, and a diameter of a circumscribed circle about the balls being set to be larger than an inner diameter of the bore of the sleeve.

Fig. 1 to accompany abstract when published