

Abstract

On one side of the race retention hole 2, a screw portion 3 is formed, and on one side of the periphery surface of the outer race 4 an outer conical portion 5 is formed, and with the race retention hole 2, the periphery surface of the outer race 4 supporting the spherical surface 9a of the outer race 9 is retained, the stopping screw 8 is formed on with the inner conical portion 7 to be fit with the periphery surface 5a of the outer conical portion 5 is screwed in the screw portion 3 and tightened. Thus, by tightening the stopping screw 8, the periphery surface 5a of the outer conical portion 5 is pressed with the inner circumference 7a of the inner conical portion 7 and the contact surface pressure between the inner circumference surface 4b of the outer race 4 and the spherical surface 9a of the inner race 9 is increased, so that by regulating the tightening force of the stopping screw 8 the sliding torque of the spherical bearing is easily adjusted.

Representative drawing: Fig. 1

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