CLAIMS

1. A method for forming an anchor hole for a post-installed anchor in which a diameter expansion drill bit inserted in a prepared-hole portion bored in a concrete fixing body is rotated and a plurality of cutting-blade portions of the diameter expansion drill bit is moved in a radial direction and in direction different from each other by a centrifugal force to grind a part of the prepared-hole portion to form a diameter expansion portion, wherein

a minimum value of the centrifugal force applied to grind the diameter expansion portion is 0.75 N.

2. The method for forming the anchor hole according to claim 1, wherein

the minimum value of the centrifugal force applied to grind the diameter expansion portion is 1.1 N.

3. The method for forming the anchor hole according to claim 1, wherein

the diameter expansion drill bit rotates at from 2500 rpm to 40000 rpm.

4. The method for forming the anchor hole according to claim 3, wherein

the diameter expansion drill bit rotates at from 9000 rpm to 20000 rpm.

5. The method for forming the anchor hole according to any of claims 1 to 4, wherein

the diameter expansion drill bit rotates and drives for from five seconds to 20 seconds to form the diameter expansion portion.

6. The method for forming the anchor hole according to any

of claims 1 to 5, wherein

each cutting-blade portion is constituted by a diamond cutting-blade having a grain size of from 100-120 mesh to 16-18 mesh.

7. The method for forming the anchor hole according to claim 6, wherein

each cutting-blade portion is constituted by a diamond cutting-blade having a grain size of from 50-60 mesh to 16-18 mesh.