WHAT IS CLAIMED IS:

1. A dressing ring comprising:

a ring-shaped dressing member for dressing a processing stone, the dressing member has a first opening in which a workpiece is arranged when the workpiece is ground; and

a ring-shaped support plate having an upper surface on which the dressing member is fixed, the support plate having a second opening in which the workpiece is arranged when the workpiece is ground,

wherein the support plate is arranged relative to the dressing member such that the second opening coincides in center with the first opening.

2. A grinding method of a workpiece having a front surface and a back surface, comprising:

a dressing member holding step of holding a dressing member of a dressing ring, the dressing ring comprising:

a ring-shaped dressing member that has an upper surface and a first opening in which the workpiece is arranged when the workpiece is ground, and is for dressing a plurality of grinding stones of a grinding wheel, on a holding surface of a chuck table, the holding surface being capable of holding the workpiece thereon,

and

a ring-shaped support plate having an upper surface on which the dressing member is fixed, the support plate having a second opening in which the workpiece is arranged when the workpiece is ground,

wherein the support plate is arranged relative to the dressing member such that the second opening coincides in center with the first opening;

a workpiece holding step of holding the workpiece, with the front surface thereof directed downward, in the first opening of the dressing member held on the holding surface such that the back surface of the workpiece is located higher than the upper surface of the dressing member;

a grinding step of grinding the workpiece by the grinding wheel that is rotating about an axis of rotation of a spindle; and

a dressing step of dressing the grinding stones with the dressing member by relatively moving the grinding wheel toward the holding surface while rotating the chuck table about a predetermined axis of rotation with the grinding wheel positioned above the dressing member and further outside of the workpiece in a radial direction of the holding surface.

3. The grinding method according to claim 2, wherein the grinding step includes creep feed grinding that grinds the workpiece while relatively moving the grinding wheel and the chuck table in a predetermined direction orthogonal to a longitudinal direction of the spindle, the grinding wheel rotating about the axis of rotation of the spindle with lower surfaces of the grinding stones arranged at a predetermined height position lower than the back surface of the workpiece held on the holding surface but higher than the upper surface of the dressing member, the chuck table holding the workpiece thereon and not rotating about the predetermined axis of rotation.

4. The grinding method according to claim 2, wherein the grinding step includes infeed grinding that grinds the workpiece while relatively moving the grinding wheel and the chuck table along a longitudinal direction of the spindle, the grinding wheel rotating about the axis of rotation of the spindle, the chuck table holding the workpiece thereon and rotating about the predetermined axis of rotation.